

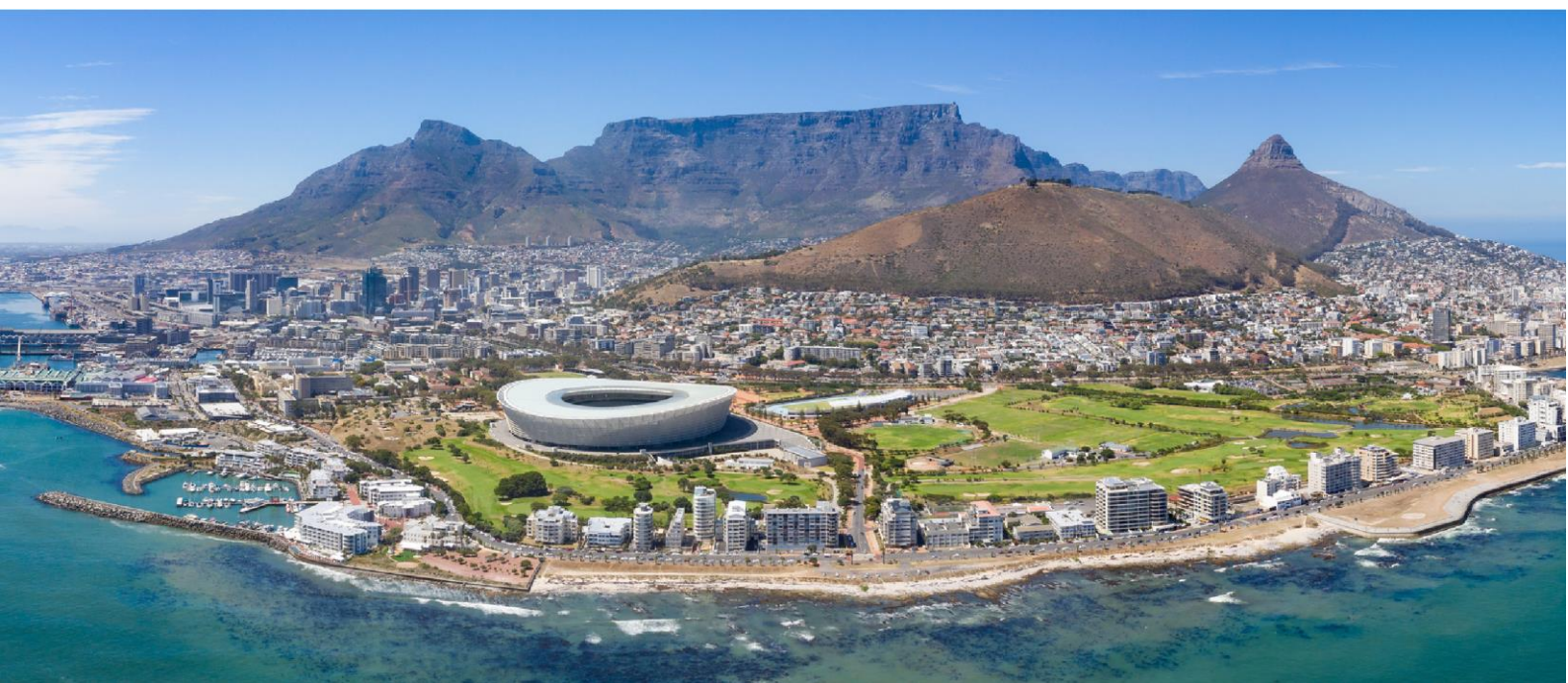


**31ST INTERNATIONAL
CARTOGRAPHIC CONFERENCE**

13 - 18 AUGUST 2023 | CAPE TOWN | SOUTH AFRICA
SMART CARTOGRAPHY FOR SUSTAINABLE DEVELOPMENT

ICC2023 CAPE TOWN

**INTERNATIONAL
CARTOGRAPHIC EXHIBITION
CATALOGUE**



Conference Theme

**Smart Cartography for Sustainable
Development**

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Credits

Local Organizing Committee

Mr Morena Letsosa, Dr Derek Clarke, Prof. Serena Coetzee, Ms Thabisile Rambau, Ms Slindi Mhlongo, Ms Janusha Singh, Dr Lauren Williams and Mr Luhaan Mubeko

Cover page Graphic Design

Southern Cross Conferences, ABContour

Preparation of Exhibition

Ms Thabisile Rambau, Ms Zelda Coetzee and Ms Gwynneth Matthews

Design and Implementation of Virtual Exhibition

Esri South Africa

Design and Implementation of the Map catalogue

Ms Thabisile Rambau and Janusha Singh

Location of the Exhibition

Virtual - www.icc2023.org

Introduction

The International Cartographic Exhibition (ICE) in Cape Town is organized as part of the 31st International Cartographic Conference (ICC). Most of the exhibits will be displayed online at www.icc2023.org and some will be displayed at the CTICC ballroom from the 14th to 18th August 2023. The Local Organizing Committee decided the possibility of exhibiting virtually to encourage all member countries, affiliate members and schools to participate on this state of the art in the world of Cartography.

The exhibition consists of various kinds of cartographic products, and descriptions of all exhibits were submitted to the local organizing committee of the ICC by the National members and ICA-affiliated members to produce this Exhibition Catalogue.

The Exhibits are structured according to the following seven categories:

1. Maps Products (MP)
2. Charts Products (CP)
3. Atlases (AT)
4. Story Maps (SM)
5. Digital Cartographic Products and Services (DPS)
6. Educational Cartographic Products (EP)
7. Physical Cartographic Products (PP)

The Local Organizing Committee would like to take this opportunity and thank all member countries and affiliate members for contributing towards International Cartographic Exhibition 2023.

ATLASES

AUT_AT1

| | |
|----------------------------|--|
| Title | Island Reiseatlas 1:150 000 / Iceland Travel Atlas 1:150 000 |
| Dimensions(mm) | 297 x 230 |
| Author(s) | Jasmin Brandstetter, Benedikt Eisl, Irmgard Plank |
| Published by | Freytag-Berndt und Artaria KG |
| Date of publication | March 2022 |
| Languages(s) of the legend | Deutsch, Englisch, Isländisch |
| Copyright | Unauthorized reproduction, duplication, scanning, digitizing, storage, enlargement, reduction, or distribution without publisher's consent is prohibited and subject to legal action under § 7 and § 74 of the Copyright Act. |
| Abstract / Description | The Travel Atlas Iceland 1:150 000 is the ideal companion for anyone who wants to explore Iceland. It can not only be used for planning but also proves to be an indispensable guide during the trip. With the detailed map image and the exact scale, the entire road network on the island, including the highland roads, can be traced. Data from both OpenStreetMap and the National Land Survey of Iceland (LMI) were used to create the atlas. Some features were generalized automatically, followed by manual post-processing to refine the cartographic appearance. |



DIGITAL PRODUCTS AND SERVICES

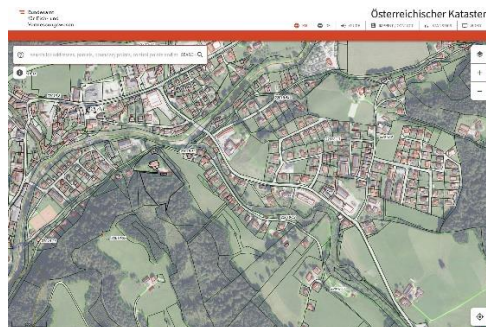
AUT_DPS1

| | |
|----------------------------|--|
| Title | Austrian Map Online |
| Type | Map Information Portal and WMTS Map Service (Vector Tile Cache) |
| Author(s) | Markus Jobst |
| Published by | Federal Office of Metrology and Surveying (BEV) |
| Date of publication | December 2022 |
| Languages(s) of the legend | German and English |
| Copyright | Federal Office of Metrology and Surveying (BEV) |
| Abstract / Description | The new free version of the Austrian Map Online (short: AMap Online) works with precise national maps of the BEV - Federal Office of Metrology and Surveying. It now offers the possibility of using the aerial photographs of the BEV and upload or plan your tracks. The search function has been significantly expanded: You can search for addresses, places and names from the digital landscape model. In the new AMap Online, tracks can be created and calculated with even more detail and exported to the smartphone (as gpx or json). With these routes, altitude profiles can be generated that contain various information about the respective profile (e.g. sum of altitude meters or total distance). Conversely, tracks can be imported and displayed on the map. |



AUT_DPS2

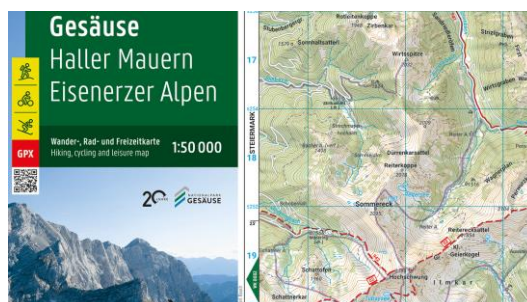
| | |
|----------------------------|--|
| Title | Cadastral Map Online |
| Type | Map Information Portal and WMTS Map Service (Vector Tile Cache) |
| Author(s) | Markus Jobst |
| Published by | Federal Office of Metrology and Surveying (BEV) |
| Date of publication | June 2022 |
| Languages(s) of the legend | German and English |
| Copyright | Federal Office of Metrology and Surveying (BEV) |
| Abstract / Description | The search for information on around 10.2 million land properties throughout Austria has never been so easy. With the new web service of the Federal Office of Metrology and Surveying (BEV), which is freely accessible to all, daily updated data from the cadastre can now be queried quickly and free of charge. The Austrian cadastre is managed by the surveying offices of the Federal Office of Metrology and Surveying (BEV) as a public register and documents the current and actual land property conditions such as their boundaries, location, size and use. The location of the plots of land as well as their borders to one another is shown graphically in the cadastral map. The property register contains additional factual data for each property, such as the land property and cadastral zoning number, the deposit number for clear allocation in the land register or the areas of use. |



PHYSICAL PRODUCTS

AUT_PP1

| | |
|----------------------------|--|
| Title | Wanderkarte Gesäuse 1:50.000 / Hiking Map Gesäuse 1:50.000 |
| Scale | 1:50000 |
| Dimensions | 820 x 693 |
| Author(s) | Tempelmayr Albin, Wobek Bettina, Brabenec Bernhard |
| Published by | Freytag-Berndt und Artaria KG |
| Date of publication | November 2022 |
| Languages(s) of the legend | German, English and Czech |
| Copyright | Unauthorized reproduction, duplication, scanning, digitizing, storage, enlargement, reduction, or distribution without publisher's consent is prohibited and subject to legal action under § 7 and § 74 of the Copyright Act. |
| Abstract / Description | The hiking map (1:50k) of Gesäuse presents hiking-, cycling- and MTB-routes and some additional information like tourist attractions, mountain huts and restaurants. The dataset was created with shapefiles exported from a CAD-software and implemented into an ArcGIS Enterprise Geodatabase. The symbology of lines and polygons were created with ArcGIS Pro and the points either with ArcGIS or with a vector graphic software. After creating individual labelling classes for all relevant features, labels were converted to annotations. The terrain is illustrated by contour lines and raster tifs of hillshade and rock drawing. |

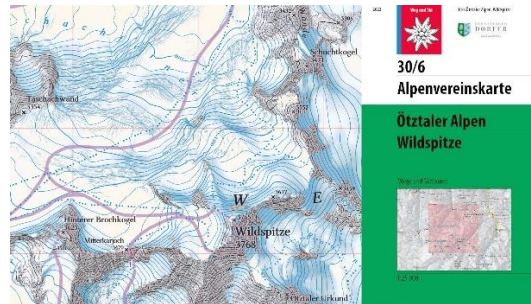


Title
 Author(s)
 Published by
 Date of publication
 Languages(s) of the legend
 Copyright
 Abstract / Description

Alpenverein Map 30/6 - Ötztal Alps - Wildspitze

Werner Beer, Martin Ladner
 Österreichischer Alpenverein
 September 2022
 German
 Österreichischer Alpenverein

The Wildspitze map is a topographical map on a scale of 1:25000, published as part of the Alpenverein cartography. The map was created on the basis of data from the Federal Office of Metrology and Surveying (BEV) Vienna, the field work was carried out together in 2021. The local geographic names and the ski tours come from the Alpine Club. The map was created entirely in ArcGIS Pro, with the entire cartographic workflow being developed at the Alpenverein. The methods of Roman Geisthövel (2017) and Jenny et al (2010) were used for the terrain representation, with adjusted parameters.



MAPS PRODUCTS

BEL_MP1

| | |
|----------------------------|--|
| Title | Topographic Map 1:50 000 - Dinant 53 |
| Scale | 1:50 000 |
| Dimensions(mm) | 847 x 570 |
| Author(s) | National Geographic Institute, Belgium |
| Published by | National Geographic Institute, Belgium |
| Date of publication | January 2022 |
| Languages(s) of the legend | German, Dutch, French, English |
| Copyright | Any reproduction or adaptation in any form is forbidden. |
| Abstract / Description | The map is the first map of the 5th civilian edition at 1:50000 scale produced by the National Geographic Institute. It also exists in a military version for defence purposes. It is produced by generalising the 1:10000 reference data over a 5-year cycle. |



ATLASES

BEL_AT1

| | |
|----------------------------|---|
| Title | De Boeck Atlas |
| Number of pages | 200 |
| Dimensions(mm) | 252 x 336 |
| Author(s) | Philippe De Maeyer; David Daenekint; Jacques Merchiers; Jef Paternoster; |
| Published by | Georges Tibau |
| Date of publication | Uitgeverij VAN IN |
| Languages(s) of the legend | January 2022 |
| Copyright | Dutch / French (separate editions) |
| Abstract / Description | Uitgeverij VAN IN |
| | De Boeck Atlas is an atlas for educational purposes, made explicitly for the Belgian market and in close cooperation with the University of Ghent. It contains maps, climatograms, organization charts and other learning materials, focusing on Belgium first, and then zooming out towards Europe, other continents and the world in general. |



MAPS PRODUCTS

BGR_MP1

| | |
|----------------------------|--|
| Title | Administrative map of Bulgaria |
| Scale | 1:380000 |
| Dimensions(mm) | 1400 x 1000 |
| Author(s) | DataMap-Europe Ltd |
| Published by | DataMap-Europe Ltd |
| Date of publication | February 2023 |
| Languages(s) of the legend | Bulgarian |
| Copyright | All rights reserved. No part of this publication may be reproduced for any purpose, in any form, by any means, or translated into another language without the written consent of DataMap-Europe Ltd. |
| Abstract / Description | Administrative division represented by background coloring, district and municipal boundaries, district and municipal centers. Over 5100 settlements depicted with areas and classified into categories according to number of inhabitants. Road network with detailed division by type and with distances between settlements. A detailed legend. Double-sided laminated, with plastic strips and cord on top strip for card hanging, weight: 0.483 kg. |



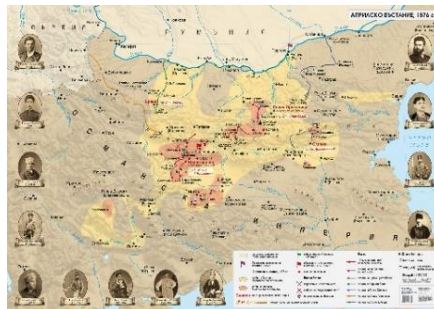
BGR_MP2

| | |
|----------------------------|--|
| Title | Wall Physical map of Bulgaria |
| Scale | 1:270000 |
| Dimensions(mm) | 2000 x 1400 |
| Author(s) | DataMap-Europe Ltd |
| Published by | DataMap-Europe Ltd |
| Date of publication | August 2022 |
| Languages(s) of the legend | Bulgarian |
| Copyright | All rights reserved. No part of this publication may be reproduced for any purpose, in any form, by any means, or translated into another language without the written consent of DataMap-Europe Ltd. |
| Abstract / Description | Contains: graticule; shade-relief represented by hypsometric coloring, contour lines and isobaths; hydrography; state borders; road and railway network; capital, regional centers, towns and villages, classified by number of inhabitants; tops; passages; breaches; min springs; caves; rock formations; border checkpoints; airports; ports; monasteries, resort complexes; holiday villages; tourist centers; inscriptions of hydrography, orography, etc.; a legend. Suitable for long-term use. Readable from afar! |



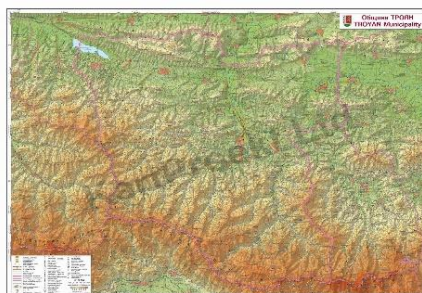
BGR_MP3

| | |
|----------------------------|---|
| Title | April Uprising, 1876 |
| Scale | 1:450000 |
| Dimensions(mm) | 1400 x 1000 |
| Author(s) | DataMap-Europe Ltd |
| Published by | DataMap-Europe Ltd |
| Date of publication | January 2022 |
| Languages(s) of the legend | Bulgarian |
| Copyright | All rights reserved. No part of this publication may be reproduced for any purpose, in any form, by any means, or translated into another language without the written consent of DataMap-Europe Ltd. |
| Abstract / Description | Contains: graticule; hydrography; territory of the Ottoman Empire and its dependent states, as well as areas covered by the preparation of the uprising and areas of mass participation in the uprising (represented by color tone on shade-relief); centers of revolutionary districts; numbers and names of apostles of revolutionary districts, the meeting in Oborishte, the outbreak of the uprising; actions of the "Flying Squad", as well as the route of the squads; major rebel battles; places of mass slaughter of Bulgarians; legend; portraits of main participants and organizers of the uprising with years of birth and death. |



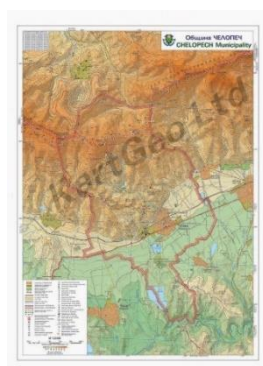
BGR_MP4

| | |
|----------------------------|--|
| Title | Troyan – The Balkan Heart |
| Scale | 1:60000 |
| Dimensions(mm) | 700 x 1000 |
| Author(s) | KartProekt Ltd. |
| Published by | KartProekt Ltd. |
| Date of publication | January 2022 |
| Languages(s) of the legend | Bulgarian and English |
| Copyright | All rights reserved. No part of this map may be reproduced for any purpose, in any form, by any means or translated into another language without the written permission of KartProekt Ltd. |
| Abstract / Description | It presents detailed information about one of the most beautiful parts of Central Stara Planina - the Troyan Balkan. The combination of contour lines, hypsometric coloring and relief shading gives a three-dimensional perception of the relief forms. The map represents roads, cart tracks, paths, protected areas, caves, waterfalls, springs, hotels, huts, shelters, ski areas, cross-county trails, biathlon range, motopolygons, other landmarks and all marked trekking routes. The map gives an idea to the lovers of historical adventures to cross the Troyan Pass along the route of the Roman road Via Traiana and admire the preserved sections almost 2000 years old. |



BGR_MP5

| | |
|----------------------------|--|
| Title | Chelopech Municipality |
| Scale | 1:25000 |
| Dimensions(mm) | 500 x 700 |
| Author(s) | KartGeo Ltd. |
| Published by | KartGeo Ltd. and Chelopech Municipality |
| Date of publication | October 2022 |
| Languages(s) of the legend | Bulgarian and English |
| Copyright | All rights reserved. No part of this map may be reproduced for any purpose, in any form, by any means or translated into another language without the written permission of KartGeo Ltd. |
| Abstract / Description | A detailed tourist map of the Chelopech Municipality which represents, residential, industrial, business and villa areas, roads, foot paths and marked tourist routes. It depicts natural and anthropogenic points of interest – protected areas, rocks, springs, waterfalls, fishing spots, sport complexes, tourist chalets, archaeological sites, picnic areas, mines, and others. It includes points with GPS navigation data. The reverse side includes information and pictures of the most popular and interesting landmarks. |



BGR_MP6

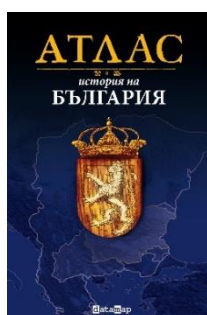
| | |
|----------------------------|---|
| Title | Dunav Ultra |
| Scale | 1:800000 |
| Dimensions(mm) | 400 x 700 |
| Author(s) | KartGeo Ltd. |
| Published by | KartGeo Ltd. and Dunav Ultra |
| Date of publication | May 2023 |
| Languages(s) of the legend | Bulgarian |
| Copyright | All rights reserved. No part of this map may be reproduced for any purpose, in any form, by any means or translated into another language without the written permission of KartGeo Ltd. and Dunav Ultra. |
| Abstract / Description | The two-sided map represents the Dunav Ultra cycling route – the longest tourist cycling route in Bulgaria (740 km along the Danube to the Black Sea). It depicts both a classic and an adventure version of the route along the Danube River, the 100 Dunav Ultra Highlights, including cultural and historical sites, fortresses, archaeological sites, temples, museums, natural phenomena, areas of birds, local customs, and food, representing the identity of the Dunav Ultra route. The map includes a route profile and useful information for cyclists. Useful and interesting information about the area is presented on the reverse side. |



ATLASES

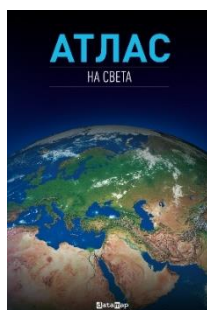
BGR_AT1

| | |
|----------------------------|--|
| Title | Atlas History of Bulgaria |
| Dimensions(mm) | 243 x 159 |
| Number of pages | 96 |
| Author(s) | Nikola Djulgerov and Temenoujka Bandrova |
| Published by | DataMap-Europe Ltd |
| Date of publication | May 2023 |
| Languages(s) of the legend | Bulgarian |
| Copyright | All rights reserved. No part of this publication may be reproduced for any purpose, in any form, by any means, or translated into another language without the written consent of DataMap-Europe Ltd. |
| Abstract / Description | The Atlas contains detailed, professionally made maps, illustrating the history of the Bulgarian lands from ancient times to the present day. It contains 80 maps with detailed legends, and a chronology of "100 important events". The content is grouped into 9 topics: - Today's Bulgarian lands during the prehistoric era - Today's Bulgarian lands during Antiquity - Bulgaria and Bulgarian lands IV- XII century - The Bulgarian state, end of XII-XIV centuries - Bulgarian lands under Ottoman rule, XV-XVII centuries - Bulgarian revival, XVIII-XIX centuries - Bulgaria from 1878 to 1945 - Bulgaria after the Second World War. |



BGR_AT2

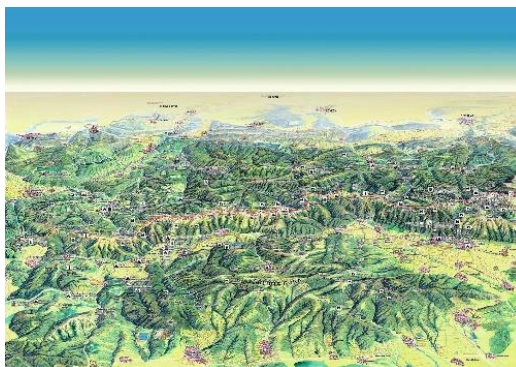
| | |
|----------------------------|--|
| Title | Atlas of the World |
| Dimensions(mm) | 243 x 159 |
| Number of pages | 96 |
| Author(s) | Temenujka Bandrova |
| Published by | DataMap-Europe Ltd |
| Date of publication | May 2023 |
| Languages(s) of the legend | Bulgarian |
| Copyright | All rights reserved. No part of this publication may be reproduced for any purpose, in any form, by any means, or translated into another language without the written consent of DataMap-Europe Ltd. |
| Abstract / Description | The Atlas contains rich information about the Solar System, the Earth as a planet, the Moon, Time Zones. Detailed 48 maps (nature, climate, population, country maps, statistical maps); the continents (nature and country map); natural geographical maps of regions of Europe and the world; natural and administrative map of Bulgaria. Comparative graphs and tables. Schemes of map sheets of Europe and the world. Information about countries: flags, area, population, language, religion, currency, status. Alphabetical index of names from the atlas. The atlas is designed by modern technologies, GIS satellite images and the newest statistical information. |



EDUCATIONAL PRODUCT

BGR_EP1

| | |
|----------------------------|---|
| Title | Tourist Route “El Camino in the Balkans - Stara Planina” - perspective realistic interactive map |
| Author(s) | Foundation for the integration of unequal groups in society; cartographer: Emil Simeonov. |
| Published by | Foundation for the integration of unequal groups in society. |
| Date of publication | March 2023 |
| Languages(s) of the legend | English and Bulgarian |
| Copyright | Foundation for the integration of unequal groups in society exclusive rights. |
| Abstract / Description | The tourist route "El Camino" is a natural continuation of the E3 route, passing through 11 European countries. "El Camino Kom - Emine", is the longest marked tourist route in Bulgaria. The main aim of the educational map is to present interactive art-realistic model of Stara Planina mountain. The map is developed in 5 parts. Each part is painted by tempera. Artistic realism is achieved through art-perspective methods of depicting spatial reality in a two-dimensional coordinate system. The visualization of the terrain is based on central projection and the mathematical basis. Point Objects: 435. Linear objects: 42 paths and ecopaths. |



MAPS PRODUCTS

CAN_MP1

| | |
|----------------------------|---|
| Title | Essential Geography of the Salish Sea |
| Scale | 1:600000 |
| Dimensions(mm) | 711 x 1210 |
| Author(s) | Jeff Clark |
| Published by | Clark Geomatics |
| Date of publication | October 2022 |
| Languages(s) of the legend | English |
| Copyright | Copyright 2023, Clark Geomatics. All Rights Reserved. |
| Abstract / Description | The Essential Geography of the Salish Sea, " published in October 2022, is a unique and important reference map designed to express the geographic essence of the Salish Sea, a complex transboundary and environmentally sensitive ecological area which sustains millions in the Pacific Northwest. This award-winning map offers a better sense of place and history by including colonial and Indigenous place names to promote cross-cultural understanding. |

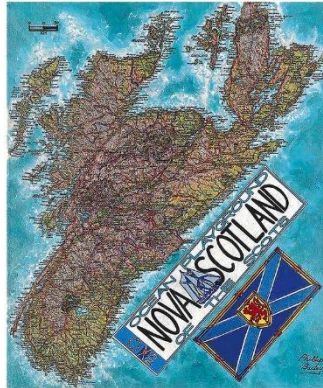


CAN_MP2

| | |
|----------------------------|---|
| Title | Saskatchewan Shelterbelts, 2016 |
| Dimensions(mm) | 279 x 279 |
| Author(s) | Julia Siemer |
| Published by | Guerrilla Cartography |
| Date of publication | March 2023 |
| Languages(s) of the legend | English |
| Copyright | Guerrilla Cartography 2022 |
| Abstract / Description | The thematic map displays an inventory of shelterbelts in the Canadian province of Saskatchewan. Shelterbelts are rows of trees or shrubs, planted along fields, roads, and around farm yards to protect from wind, drifting snow, and to provide wildlife habitat. In addition to the main map of the southern portion of the province, six inset maps are included for locational reference and to provide details of the nature of shelterbelts. The map is published in the atlas Shelter: An Atlas which includes a collection of maps portraying how shelter takes on a myriad of meanings for humans and non-humans alike. |



| | |
|----------------------------|--|
| Title | Nova Scotland |
| Author(s) | Phillip Bailey |
| Published by | Cartographme - www.cartographme.com |
| Date of publication | September 2022 |
| Languages(s) of the legend | English |
| Copyright | Not applicable, artwork/intellectual property |
| Abstract / Description | The purpose of this creation was to merge two hand-drawn maps. The Canadian Province of Nova Scotia and the country of Scotland were merged and became Nova Scotland. This detailed hand-drawn map maintained original characteristics including communities, counties, highways, rivers, coastal waters, and mountains. In merged areas, higher land takes precedence over low lands. Merged flags created a new flag. My original merged maps provide a visual representation of the human wish to be in two meaningful places at the same time. This hand-drawn map was completed with acrylic and ink on a 500mm x 600mm canvas. |

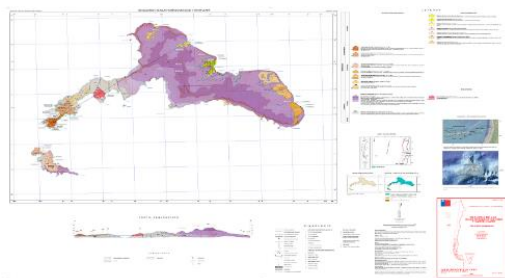


©

MAPS PRODUCTS

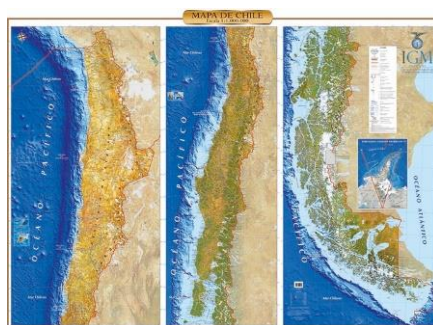
CHL_MP1

| | |
|----------------------------|---|
| Title | Geología de las islas Robinson Crusoe y Santa Clara, región de Valparaíso |
| Scale | 1:25000 |
| Author(s) | Lara P., Luis E., Reyes V., Javier, Sepúlveda S.M., Pablo, Orozco L., Gabriel, Piña G., Mirella, Becerril C., Laura Nancy Espinoza P. (design), Jorge Muñoz B., Andrew Tomlinson, Paulina Vásquez I. (3 editors) |
| Published by | Servicio Nacional de Geología y Minería SERNAGEOMIN |
| Date of publication | December 2022 |
| Languages(s) of the legend | Spanish |
| Abstract / Description | The Robinson Crusoe and Santa Clara islands are part of an undersea volcanic complex that formed due to a stable mantle plume. These islands are on the "Juan Fernández" submarine ridge. Part of the "Geological Map of Chile" series. |



CHL_MP2

| | |
|----------------------------|---|
| Title | Map of Chile |
| Scale | 1:1000000 |
| Dimensions(mm) | 2160 x 1600 |
| Author(s) | Instituto Geografico Militar de Chile (Military Geographic Institute of Chile) |
| Published by | Instituto Geografico Militar de Chile |
| Date of publication | April 2022 |
| Languages(s) of the legend | Spanish |
| Copyright | Copyright established through record 2022-A-3281 in the Chilean "Registro de Propiedad Intelectual", managed by the Intellectual Rights Dept. of the National Cultural Assets and Heritage Service. Unauthorized reproduction is prohibited. |
| Abstract / Description | The map enables general, non-specialist users to find locations in the territory of Chile. can also be used for educational purposes. Based on a combination of existing official topographic map coverages, reduced to scale, with images from satellite-based sources, with subsequent design work oriented to this product and user-types. |



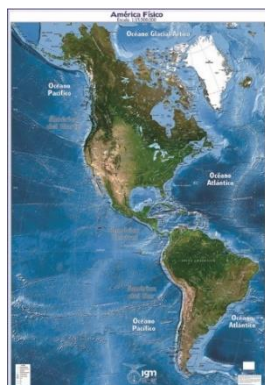
CHL_MP3

| | |
|----------------------------|--|
| Title | Physical Map of the World |
| Scale | 1:36000000 |
| Dimensions(mm) | 1000 x 700 |
| Author(s) | Instituto Geografico Militar de Chile (Military Geographic Institute of Chile) |
| Published by | Instituto Geografico Militar de Chile |
| Date of publication | May 2022 |
| Languages(s) of the legend | Spanish |
| Copyright | The copyright of this map is established through its inclusion in the Chilean "Registro de Propiedad Intelectual" (register of intellectual property) through record 2022-A-4318 (note: this register is managed by the Intellectual Rights Department of the National Cultural Assets and Heritage Service, which attached to the Chilean Culture, Arts and Heritage Ministry). Thus recorded, unauthorized reproduction is prohibited. |
| Abstract / Description | World map for the general public, for reference and education, for users to find places and physical features in both terrestrial and marine areas. The base is from NASA satellite images, combined with vector data derived from the "Earth DATA" associated with ESRI (ArcGIS) software, also with non-spatial data obtained from official sources, then developed in design stages. |



CHL_MP4

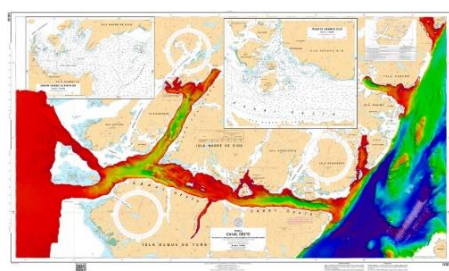
| | |
|----------------------------|--|
| Title | America - Physical |
| Scale | 1:15500000 |
| Dimensions(mm) | 1370 x 950 |
| Author(s) | Instituto Geografico Militar de Chile (Military Geographic Institute of Chile) |
| Published by | Instituto Geografico Militar de Chile |
| Date of publication | June 2022 |
| Languages(s) of the legend | Spanish |
| Copyright | The copyright of this map is established through its inclusion in the Chilean "Registro de Propiedad Intelectual" (register of intellectual property) through record 2022-A-6864 (note: this register is managed by the Intellectual Rights Department of the National Cultural Assets and Heritage Service, which attached to the Chilean Culture, Arts and Heritage Ministry). Thus recorded, unauthorized reproduction is prohibited. |
| Abstract / Description | The map enables general, non-specialist users to find locations and physical features in the western hemisphere. Can also be used for educational purposes. Based on a combination of NASA satellite images with vectorial material from "Earth Data" associated with ESRI (ArcGIS) tools, then with subsequent design work oriented to this type of user. |



CHARTS PRODUCTS

CHL_CP1

| | |
|----------------------------|---|
| Title | West Channel |
| Scale | 1:50000 |
| Author(s) | Servicio Hidrográfico y Oceanográfico de la Armada (Hydrographic and Oceanographic Service of the Navy - SHOA) |
| Published by | Servicio Hidrográfico y Oceanográfico de la Armada |
| Date of publication | July 2022 |
| Languages(s) of the legend | Spanish |
| Abstract / Description | The purpose of the "New Publication N.º 10.330" titled "West Channel", of areas located in "Última Esperanza" province, in the 12th Region of Chile, is to enable safe navigation of that channel and the approaches to "Corbeta Papudo" Bay and to "Caracciolo" Port. Its design includes the general chart of west channel and its approaches. the scale is 1:50,000, also two inserts with maps of "Corbeta Papudo" Bay at 1: 15,000 scale and of "Caracciolo" Port at 1:20,000 scale. The chart was based on the SIRGAS reference system (WGS-84), using photogrammetric restitutions dating up to the year 2021 and hydrographic surveys dating up to 2016, using multibeam echo sounding. The chart has, superimposed, a bathymetric surface created with the multibeam data obtained in the field and processed in CARIS HIPS&SIPS software. |



CHL_CP2

| | |
|----------------------------|---|
| Title | "Antarctic Aeronautical Chart - Fyldes Peninsula - "Teniente Parodi" |
| Scale | 1:2000000 |
| Dimensions | 1280 x 900 |
| Author(s) | Servicio AeroFotogramétrico de la Fuerza Aérea de Chile (SAF) |
| Published by | Servicio AeroFotogramétrico de la Fuerza Aérea de Chile (SAF) |
| Date of publication | August 2022 |
| Languages(s) of the legend | Spanish |
| Copyright | Prepared and published by the Air Force of Chile, Aero-Photogrammetric Service. |
| Abstract / Description | Aeronautical chart that contributes to the safety of airplane flights for this territory, this chart was created by the Aeronautical Cartography Department of the Aero-Photogrammetric Service (SAF), approved by the National Committee for Antarctic Names (CNNGA) and by the National Office for Boundaries and Limits of the State (DIFROL). It has a Polar Stereographic projection, together with toponyms obtained from the Scientific Committee for Antarctic Research (SCAR) by means of a compilation of topographic data from open sources, together with information obtained from the Military Geographic Institute (IGM), and also aeronautical data from the Directorate General of Civil Aeronautics (DGAC). |



DIGITAL PRODUCTS AND SERVICES

CHL_DPS1

| | |
|----------------------------|---|
| Title | Phenological Monitoring Platform |
| Type | Web map service (Shiny app R) |
| Operating System | Compatible with all operating systems. Developed on Ubuntu 18.04 |
| Author(s) | Geo-Information & Remote Sensing Laboratory of the Geography Institute of the Catholic University of Valparaíso (UCV), National Forestry Corporation CONAF |
| Published by | Geography Institute of the Catholic University of Valparaíso (UCV) |
| Date of publication | December 2021 |
| Languages(s) of the legend | Spanish |
| Abstract / Description | Phenological Monitoring Platform for "La Campana" National Park, central Chile. the purpose of the platform is to make available a tool with continual updates that provides detailed information on the state of conservation of the vegetation of the park, using satellite vegetation index and the long-term phenology for the whole area. It is based on the R "npphen" package for detecting extreme anomalies in the vegetation. The Park is located on the Chilean coastal range (32°57'9" S - 71°4'39" W), and is the core, central zone of the "La Campana- Peñuelas" Biosphere Reserve, being a zone where the phytogeographic communities of northern, central and southern Andean Chile converge. Additional authors: José A. Lastra (site developer), Roberto O. Chávez, Diego Valencia, Ignacio Díaz-Hormazábal (3 contributors). |



EDUCATIONAL PRODUCTS

CHL_EP1

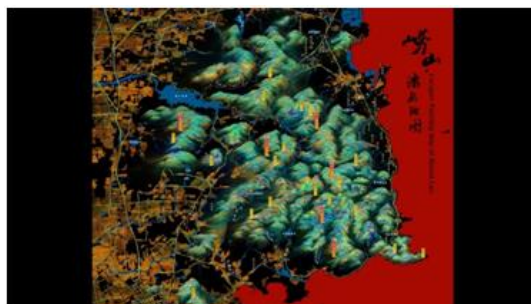
| | |
|----------------------------|--|
| Title | Teacher's Kit |
| Dimensions | 1000 x 350 |
| Author(s) | Instituto Geográfico Militar de Chile (Military Geographic Institute of Chile) |
| Published by | Instituto Geográfico Militar de Chile |
| Date of publication | June 2022 |
| Languages(s) of the legend | Spanish |
| Copyright | The copyright of this set of maps and illustrations is established through its inclusion in the Chilean "Registro de Propiedad Intelectual" (register of intellectual property) through record 2022-A-4316 (note: this register is managed by the Intellectual Rights Department of the National Cultural Assets and Heritage Service, which attached to the Chilean Culture, Arts and Heritage Ministry). Thus recorded, unauthorized reproduction is prohibited. |
| Abstract / Description | For educational purposes, intended for classroom use in schools, also at home in families, for teaching and learning geographic concepts, intended for school-age children. Contains series of maps and illustrations covering various themes. The most important maps are based on the 1:1,000,000 scale regular maps of the IGM, combined with statistics and other data obtained from official sources outside the IGM, also with graphic design work taking into account current educational practice. |



MAPS PRODUCTS

CHN_MP1

| | |
|----------------------------|--|
| Title | Lacquer Land, Mountain and Sea - New Chinese-style Lacquer Painting Map |
| Scale | 1:60000 |
| Dimensions(mm) | 660 x 500 |
| Author(s) | Qingdao Surveying & Mapping Institute |
| Published by | Qingdao Surveying & Mapping Institute |
| Date of publication | April 2023 |
| Languages(s) of the legend | Chinese |
| Copyright | Copyright © 2023 Qingdao Surveying & Mapping Institute. All rights reserved. |
| Abstract / Description | Chinese lacquer painting has a 7,000-year tradition and is a significant national painting genre, as well as a new genre in the contemporary art world. The map is created on the basis of traditional lacquer painting techniques, incorporating ancient Chinese map expressions and modern cartographic mindset, using Tianda Chinese lacquer as the material while grinding it manually, bringing the lacquer world of mountains and seas onto the map. |



CHN_MP2

| | |
|----------------------------|--|
| Title | The Global Image Map of Mars by China's First Mars Mission |
| Scale | 1:16000000 |
| Dimensions(mm) | 2450 x 1500 |
| Author(s) | Li Chunlai, Liu Jianjun, Ren Xin, Yan Wei, Chen Wangli, Zeng Xingguo, Zuo Wei, Zhang Xiaoxia, Tan Xu, Yu Guobin, He Zhiping, Geng Yan, Zhang Rongqiao |
| Published by | National Astronomical Observatories, Chinese Academy of Sciences China |
| Date of publication | National Space Administration |
| Languages(s) of the legend | April 2023 |
| Copyright | Chinese |
| Abstract / Description | This map is processed, produced and provided by Ground Research and Application System (GRAS) of China's Lunar and Planetary Exploration Program. The map was created by processing and mosaicking 14757 images collected by the Tianwen-1 Orbiter's Moderate Resolution Imaging Camera between November 17, 2021 and July 25, 2022. The map has a resolution of 76 meters per pixel using the Robinson projection, and was released on April 24, 2023. |

中国首次火星探测火星全球影像图



CHN_MP3

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Oriental Blues - Folk Art Printing and Dyeing Map Set

Qingdao Surveying & Mapping Institute
Qingdao Surveying & Mapping Institute
April 2023
Chinese

Copyright © Qingdao Surveying & Mapping Institute. All rights reserved.

Dyeing a set of floral cloth maps and composing an oriental blues melody. Inspired by traditional textile printing and dyeing crafts in China, this endeavor aims to connect with blues music and its loose and free-spirited essence. It incorporates multiple texture effects such as batik, bandhnu, stencil printing, and tie-dye. The work strikes a balance with the improvisational nature of musical narrative, and the color palette remains simple and elegant, offering a refreshing and pleasing visual experience.



CHN_MP4

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

AR map of famous springs in the old urban area of Jinan

1:4000

650 x 570

Yu Lianghao, Wang Hai, Yang Shunpo, Li Lijun, Li Jiao, Xu Weirong

Jinan Surveying & Mapping Institute

March 2023

Chinese

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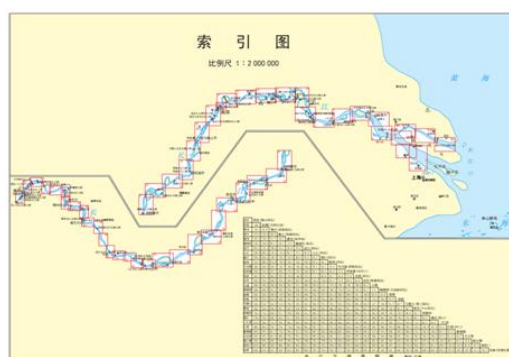
Based on the smart map database and spring survey data, introducing geographical and cultural elements, following the design concept of map culture, the famous spring tourism map of the old urban area of Jinan has been compiled. On this basis, we used technologies such as AR, VR, and Unity engine to build an AR map display system for Android mobile terminals, achieving the augmented reality visualization application of Jinan famous spring.



CHARTS PRODUCTS

CHN_CP1

| | |
|----------------------------|---|
| Title | Downstream Navigation Reference Chart of Yangtze River (Wusongkou to Wuhan) |
| Dimensions(mm) | 750 x 520 |
| Author(s) | ChangJiang Waterway Bureau ChangJiang Nanjing Waterway Bureau, Nanjing |
| Published by | Xingguang Surveying and Mapping Technology Co., Ltd |
| Date of publication | China Navigation Book Publishing House |
| Languages(s) of the legend | December 2022 |
| Copyright | Chinese |
| Abstract / Description | ChangJiang Waterway Bureau The "Downstream Navigation Reference Chart of Yangtze River (Wusongkou to Wuhan)" reflects the characteristics of the Yangtze River, the layout of the channel, the setting of the navigation channel, the adjacent cross-river buildings and channel improvement project buildings and other types of basic information related to the channel, and the channel, navigation regulations and precautions for the navigation of the "Golden Waterway" to provide a more complete navigation reference information. |



ATLASES

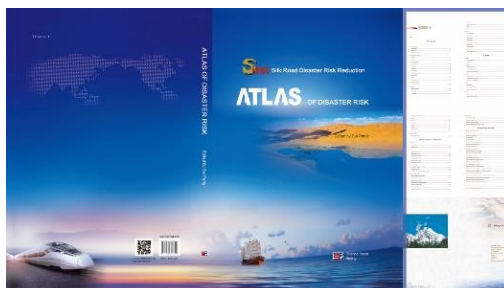
CHN_AT1

| | |
|----------------------------|---|
| Title | ATLAS OF ANHUI PROVINCE |
| Dimensions | 260 x 370 |
| Number of pages | 364 |
| Author(s) | Editorial Committee of Atlas of Anhui Province |
| Published by | Sinomaps Press |
| Date of publication | July, 2022 |
| Languages(s) of the legend | Chinese |
| Copyright | The copyright of ATLAS OF ANHUI PROVINCE belongs to The Fourth Surveying and Mapping Institute Of Anhui Province. |
| Abstract / Description | The compilation of ATLAS OF ANHUI PROVINCE aims to provide rich geographic information services for all walks of life. This atlas also opens up a cultural window for the world to understand Anhui. It contains five parts: Feature Map; Introduction; Nature, Resource and Environment; Population, Economy and Society; Cities, Districts and Counties. The atlas is produced by computer mapping. |



CHN_AT2

| | |
|----------------------------|--|
| Title | Atlas of Disaster Risk |
| Author(s) | Cui Peng |
| Published by | Science Press |
| Date of publication | December, 2021 |
| Languages(s) of the legend | English |
| Copyright | Copyright © 2021 by Science Press |
| Abstract / Description | The "Atlas of Silk Road Disaster Risk" is the first officially published atlas to comprehensively present the global perspective of the spatial and temporal patterns of natural hazards and associated multi-scale disaster risks in the Silk Road region. The atlas reflects the latest information, trends, and finding of international disaster risk research and is a solid contribution to advancing the understanding of the disaster risk of the Silk Road region. It provides rich scientific data and new disaster risk knowledge and offers solid support for disaster risk reduction and sustainable development of the Silk Road region. |



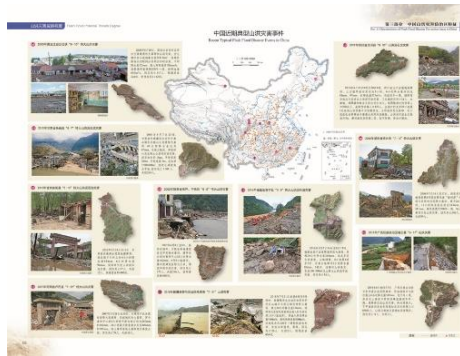
CHN_AT3

| | |
|----------------------------|---|
| Title | Maritime Atlas of the World |
| Dimensions | 297 x 420 |
| Number of pages | 260 |
| Author(s) | DONG Jiang, et al |
| Published by | Sinomap Press |
| Date of publication | April, 2022 |
| Languages(s) of the legend | Chinese and English |
| Copyright | This Atlas is processed, produced and provided by Tianjin Hydrographic Centre and Wuhan University |
| Abstract / Description | As the cradle of life, the ocean serves as an essential geographical space for human survival and activities. Maritime Atlas of the World is a vivid depiction of the overview of the world, resources & environment, maritime safety, and key marine regions, enabling readers to realize the country's resolution of exploring the ocean and using it, protecting it, and contributing to it. The atlas has distinctive features, possessing both scientificity and artistry, which not only includes classic themes of world nature and humanity from multiple perspectives but also vividly shows the harmonious coexistence of land and sea. |



CHN_AT4

| | |
|----------------------------|---|
| Title | Atlas of Flash Flood Disasters in China |
| Dimensions | 285 x 420 |
| Number of pages | 272 |
| Author(s) | Research Center on Flood & Drought Disaster Reduction of the Ministry of Water Resources , China Institute of Water Resources and Hydropower Research (IWHR) |
| Published by | Sinomaps Press |
| Date of publication | December, 2021 |
| Languages(s) of the legend | Chinese and English |
| Copyright | Public publication. |
| Abstract / Description | In order to showcase the research progress on flash floods and the achievement in the prevention and control of flash flood disasters in China, China Institute of Water Resources and Hydropower Research (IWHR), together with Institute of Geographic Sciences and Natural Resources Research (IGSNRR), Chinese Academy of Sciences (CAS) and other institutes, published the "Atlas of Flash Flood Disasters in China" over a period of seven years, which made full use of the national flash flood survey and evaluation data. The atlas was funded by the 2022 National Publication Fund and won the 2022 PeiXiu Gold Prize. |



STORY MAPS

CHN_SM1

| | |
|----------------------------|--|
| Title | Story map - Blue Calico Map: Old Streets of Qingdao |
| Software | Adobe Photoshop, Adobe illustrator, Adobe Premiere, Adobe After Effects |
| Author(s) | Qingdao Surveying & Mapping Institute |
| Published by | Qingdao Surveying & Mapping Institute |
| Date of publication | April, 2023 |
| Languages(s) of the legend | Chinese |
| Copyright | Copyright © Qingdao Surveying & Mapping Institute. All rights reserved. |
| Abstract / Description | By merging the 1300-year-old art of blue calico with maps and employing a combination of text, music, and photography, this endeavor intricately recounts the story of Qingdao's old streets. It delves deep into the historical essence of the city, witnessing the evolution of street names and narrating the development of Qingdao. Utilizing maps as a medium for storytelling, it weaves together narratives, history, and culture. |



CHN_SM2

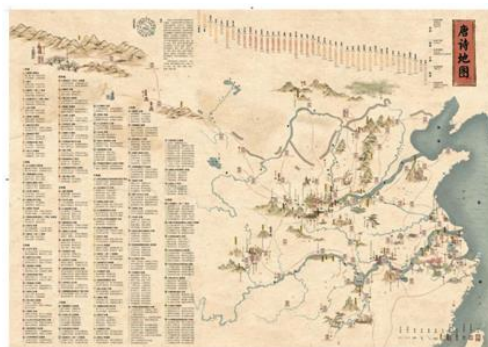
| | |
|----------------------------|--|
| Title | Jingchu Cultural Story Map |
| Software | Adobe Photoshop, Adobe illustrator, Adobe Premiere, Adobe After Effects |
| Author(s) | Hubei Provincial Map Institute |
| Published by | Hunan Map Publishing Company |
| Date of publication | January, 2022 |
| Languages(s) of the legend | Chinese |
| Copyright | Copyright belongs to Hubei Provincial Map Institute. |
| Abstract / Description | Through the perspective of the map, the "Jingchu Cultural Story Map" comprehensively traces the long-standing and profound Jingchu culture of Hubei Province. It adopts the map as the main content, supplemented by poetry, text, painting, and other elements, integrating modern Chinese-style ink wash painting into cartography. It presents the historical stories from memories in a vivid and interesting, easy-to-understand form, so that culture is continued through the changes of the times. |



EDUCATIONAL PRODUCTS

CHN_EP1

| | |
|----------------------------|--|
| Title | The Children's Poetry Wall Map |
| Dimensions | 860 x 600 |
| Author(s) | Dipper Culture Technology Co. Ltd. |
| Published by | Shandong Cartographic Publishing Company |
| Date of publication | March 2023 |
| Languages(s) of the legend | Chinese |
| Copyright | The Children's Poetry Wall Map is an original product of Dipper Culture Technology Co. Ltd. No unit or individual may use it for commercial purposes without authorization. |
| Abstract / Description | The Children's Poetry Wall Map selects all Tang and Song poems in the Chinese textbooks for primary and secondary schools. The map of Tang Poetry is based on the distribution of Tang Dynasty city walls in 669 AD, while the Song Ci Map is based on the distribution of Northern Song Dynasty city walls in 1111 AD. Display the changes in territory and the transfer of political and cultural centers during the Tang and Song dynasties. Produced using CDR, AI, and GIS. |



CHN_EP2

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

AR globe for students

SinoMaps Press
SinoMaps Press

June 2023

Chinese

Copyright @ SinoMaps Press. All rights reserved

This product integrates the AR APP into the globe to help students learn geographical knowledge. There are more than 50 interactive maps, audio-visual animations and other multimedia to demonstrate various geographical phenomena which are difficult to understand, such as day and night cycle, seasons change, etc. The globe makes it easier for students to understand and more interesting to learn geographical knowledge, and greatly expands the information provided by traditional globes.



CHN_EP3

Title
Dimensions
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

China & World Enlightening Maps

677 x 980

Sinomaps Press

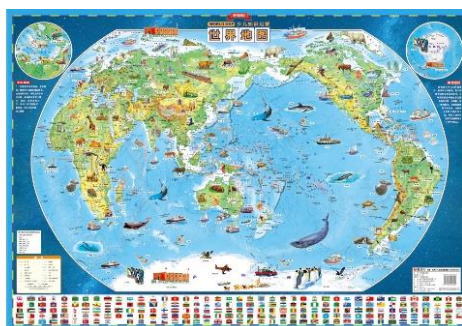
Sinomaps Press

April 2022

Chinese

Copyright @ Sinomaps Press. All rights reserved.

Our product consists of two maps, the map of China and the map of World, which are designed for children aged 6 to 10. In the process of producing the shaded relief maps, drawing illustrations and filling colours on the maps, we fully considered children's cognition level and reading needs, tried our best to make the product cute enough for children who will love reading it.



CHN_EP4

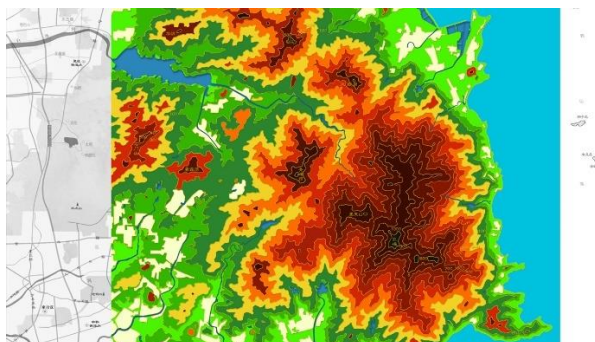
| | |
|----------------------------|--|
| Title | The Children's Poetry Wall Map |
| Dimensions | 860 x 600 |
| Author(s) | Dipper Culture Technology Co. Ltd. |
| Published by | Shandong Cartographic Publishing Company |
| Date of publication | March 2022 |
| Languages(s) of the legend | Chinese |
| Copyright | The Children's Poetry Wall Map is an original product of Dipper Culture Technology Co. Ltd. No unit or individual may use it for commercial purposes without authorization. |
| Abstract / Description | The Children's Poetry Wall Map selects all Tang and Song poems in the Chinese textbooks for primary and secondary schools. The map of Tang Poetry is based on the distribution of Tang Dynasty city walls in 669 AD, while the Song Ci Map is based on the distribution of Northern Song Dynasty city walls in 1111 AD. Display the changes in territory and the transfer of political and cultural centers during the Tang and Song dynasties. Produced using CDR, AI, and GIS. |



PHYSICAL PRODUCTS

CHN_PP1

| | |
|----------------------------|---|
| Title | Mount Lao Cloisonne Enamel Map |
| Dimensions | 980 x 800 |
| Scale | 1:54000 |
| Author(s) | Qingdao Surveying & Mapping Institute |
| Published by | Qingdao Surveying & Mapping Institute |
| Date of publication | April 2023 |
| Languages(s) of the legend | Chinese |
| Copyright | Copyright © Qingdao Surveying & Mapping Institute. All rights reserved |
| Abstract / Description | The map is decorated with the famous Chinese technique of special metal crafts, cloisonne enameling (cloisonne). It is created by outlining the contours of the mountain and residential areas with thin flat copper wires and filling them with multicolored enamel dots. The choice of colors is based on traditional color scheme and reflects the characteristics of ancient enameling, creating a natural pattern. |



CHN_PP2

Title

ARCTIC MAP/ ANTARCTICA SUBGLACIAL MAP (SET)

Author(s)

Heilongjiang Bureau of Surveying and Mapping Geographic Information; Harbin Cartographic Publishing House

Published by

Harbin Cartographic Publishing House

Date of publication

March 2023

Languages(s) of the legend

Chinese

Copyright

All Rights Reserved for Harbin Cartographic Publishing House.

Abstract / Description

ARCTIC MAP' is the first 3D full map of the Arctic in both Chinese and English. It is a collection of current graphics in various fields of high-tech fusion innovation. Not only retains the overall unity of the traditional map, but also provides a new way for the two-dimensional plane map to display the three-dimensional space intuitively. 'ANTARCTICA SUBGLACIAL MAP' is the first 3D full map of Subglacial Antarctica in both English and Chinese. It is a three-dimensional map product that gives readers a different visual experience. Without wearing the special glasses, you will realise the vivid visual experience of overlooking the three-dimensional landscape of Antarctica from a high altitude on a two-dimensional map.



CHN_PP3

Title

Woodcarving Terrain Model of Wanzhou Urban Area

Dimensions

818 x 540

Author(s)

Chongqing Survey Institute

Published by

Chongqing Survey Institute

Date of publication

June 2023

Languages(s) of the legend

Chinese

Copyright

All rights reserved by Chongqing Survey Institute

Abstract / Description

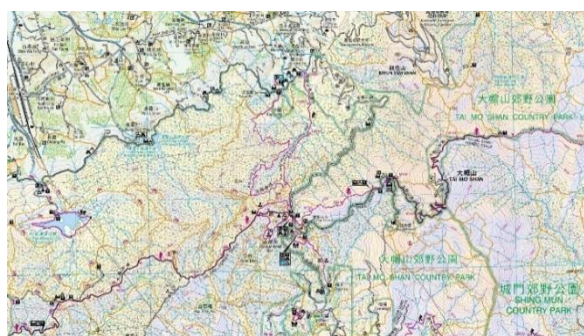
Woodcarving Terrain Model of Wanzhou Urban Area is a physical cartographic product with scientific, artistic and creative qualities. The plane scale of the model is 1:50,000, and the vertical scale is 1:25,000. Based on the high-precision topographic data, the model has realistically reconstructed the terrain of the Wanzhou urban area by using the traditional Chinese woodcarving technology. This is an artistic map work with great collectible value.



MAPS PRODUCTS

HKG_MP1

| | |
|----------------------------|--|
| Title | Countryside Map (North West New Territories) Backside |
| Scale | 1:25000 |
| Dimensions(mm) | 800 x 610 |
| Author(s) | Survey and Mapping Office, Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Published by | Survey and Mapping Office, Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Date of publication | July 2023 |
| Languages(s) of the legend | English and Chinese |
| Copyright | © 2023 Copyright reserved – reproduction by permission only. |
| Abstract / Description | This is a series of footpath maps comprising five sheets. They are titled as Hong Kong Island & Neighbouring Islands, Lantau Island & Neighbouring Islands, North West New Territories, North East & Central NT and Sai Kung & Clear Water Bay. They are designed to assist hikers and nature lovers in exploring the rural countryside, especially the country park areas. They are printed in colour on both sides and folded. |



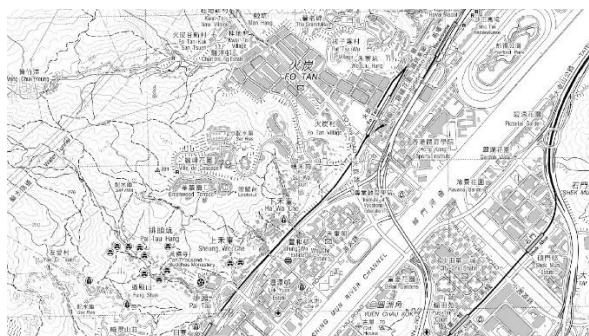
HKG_MP2

| | |
|----------------------------|--|
| Title | Countryside Map (North West New Territories) Frontside |
| Scale | 1:25000 |
| Dimensions(mm) | 880 x 610 |
| Author(s) | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Published by | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Date of publication | July 2023 |
| Languages(s) of the legend | English and Chinese |
| Copyright | © 2023 Copyright reserved – reproduction by permission only. |
| Abstract / Description | This is a series of footpath maps comprising five sheets. They are titled as Hong Kong Island & Neighbouring Islands, Lantau Island & Neighbouring Islands, North West New Territories, North East & Central NT and Sai Kung & Clear Water Bay. They are designed to assist hikers and nature lovers in exploring the rural countryside, especially the country park areas. They are printed in colour on both sides and folded. |



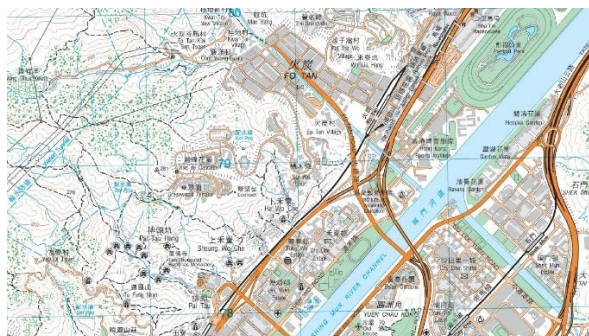
HKG_MP3

| | |
|----------------------------|---|
| Title | 1:20 000 Topographic Map (HM20C/2) Sheet 7 |
| Scale | 1:20000 |
| Dimensions(mm) | 980 x 685 |
| Author(s) | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Published by | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Date of publication | March 2023 |
| Languages(s) of the legend | English and Chinese |
| Copyright | © 2023 Copyright reserved – reproduction by permission only. |
| Abstract / Description | HM20C/2 is the black and white version of 1:20 000 Topographic map. There are 16 sheets covering the whole territory and Sheet 1 is used as a title and legend sheet. Printed in colour and with contours depicted at 20m interval, this general-purpose map series serves many purposes and is often used by schools in the teaching of map reading. Scouts and hikers also find this very suitable for use in hiking and orienteering activities. |



HKG_MP4

| | |
|----------------------------|---|
| Title | 1:20 000 Topographic Map (HM20C) Sheet 7 |
| Scale | 1:20000 |
| Dimensions(mm) | 980 x 685 |
| Author(s) | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Published by | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Date of publication | March 2023 |
| Languages(s) of the legend | English and Chinese |
| Copyright | © 2023 Copyright reserved – reproduction by permission only. |
| Abstract / Description | There are 16 sheets covering the whole territory and Sheet 1 is used as a title and legend sheet. Printed in colour and with contours depicted at 20m interval, this general-purpose map series serves many purposes and is often used by schools in the teaching of map reading. Scouts and hikers also find this very suitable for use in hiking and orienteering activities. |



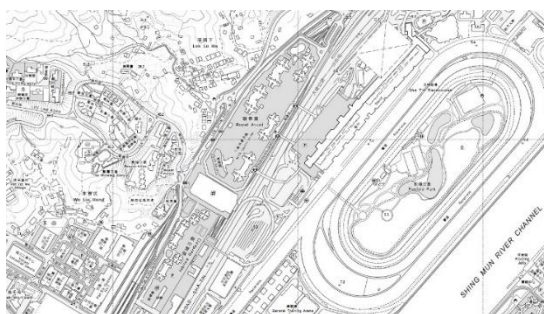
HKG_MP5

| | |
|----------------------------|--|
| Title | 1:5 000 Topographic Map (HP5CL) 7-SE-A |
| Scale | 1:5000 |
| Dimensions(mm) | 850 x 750 |
| Author(s) | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Published by | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Date of publication | June 2023 |
| Languages(s) of the legend | English and Chinese |
| Copyright | © Copyright reserved – Hong Kong SAR Government. All maps, plans and photographs produced by Survey and Mapping Office, Lands Department are subject to copyright protection. |
| Abstract / Description | The series consist of 171 sheets which are compiled from 1: 1 000 basic map series with details generalized. Hardcopies for color version (HP5CL) are published whenever the data is updated. Contours are shown at 10m interval. It is a general-purpose map for use by the architects, engineers, planners, developers, etc. |



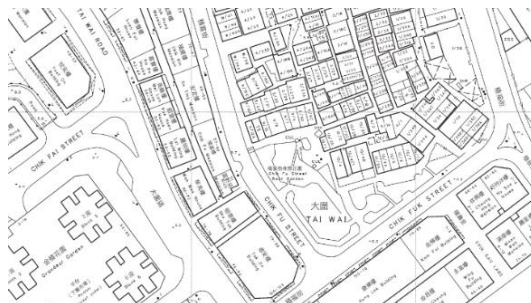
HKG_MP6

| | |
|----------------------------|---|
| Title | 1:5 000 Topographic Map (HP5C) 7-SE-A |
| Scale | 1:5000 |
| Dimensions(mm) | 850 x 750 |
| Author(s) | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Published by | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Date of publication | June 2023 |
| Languages(s) of the legend | English and Chinese |
| Copyright | © Copyright reserved – Hong Kong SAR Government. All maps, plans and photographs produced by Survey and Mapping Office, Lands Department are subject to copyright protection. |
| Abstract / Description | The series consist of 171 sheets which are compiled from 1: 1 000 basic map series with details generalized. Hardcopies for black and white version (HP5C) are published whenever the data is updated. Contours are shown at 10m interval. It is a general-purpose map for use by the architects, engineers, planners, developers, etc. |



HKG_MP7

| | |
|----------------------------|--|
| Title | 1:1 000 Topographic Map (HP1C) 7-SW-20A |
| Scale | 1:1000 |
| Dimensions(mm) | 850 x 750 |
| Author(s) | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Published by | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Date of publication | June 2023 |
| Languages(s) of the legend | English and Chinese |
| Copyright | © Copyright reserved – Hong Kong SAR Government. All maps, plans and photographs produced by Survey and Mapping Office, Lands Department are subject to copyright protection. |
| Abstract / Description | This is the largest scale topographic map surveyed and plotted to scale. This series consists of 3316 sheets. It shows wealth of information with spot heights and contour at 2m interval depicted where is applicable. It proves very useful to detailed planning and cadastral purpose. The 1:1000 topographic maps are updated continuously, and hardcopies are published whenever the data is updated. |



ATLASES

HKG_AT1

| | |
|----------------------------|---|
| Title | e-HongKongGuide 2023 |
| Author(s) | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Published by | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Date of publication | January 2023 |
| Languages(s) of the legend | English and Chinese |
| Copyright | https://www.landso.gov.hk/en/resources/mapping-information/mapping-teaching-resources/copyright.html |
| Abstract / Description | e-HongKongGuide 2023 includes 105 Street Map pages, 13 Small Scale Map pages and both Map Index, Whole Territory Map, Index Contents, Railways Network and Strategic Routes Map, Legend. The maps, in GeoPDF format, can be read in offline mode. Users can easily locate their positions on the "e-HongKongGuide" maps using free map applications with satellite positioning functions. Button links are provided on the maps and indexes for easy surfing on desktop computers using Acrobat Reader. Maps in A3/A4 sizes can also be printed out for personal use. |



HKG_AT2

| | |
|----------------------------|---|
| Title | Hong Kong Guide 2022 |
| Dimensions(mm) | 271 x 188 |
| Number of pages | 552 |
| Author(s) | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Published by | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Date of publication | January 2022 |
| Languages(s) of the legend | English and Chinese |
| Copyright | © 2022 Copyright reserved – reproduction by permission only. |
| Abstract / Description | “Hong Kong Guide” features a series of orthophotos produced from aerial photographs taken in 2020 and 2021. Every single map page is preceded by its corresponding orthophotos and labelled with major places, streets and trails, thus enabling readers to have a good and quick grasp of Hong Kong’s geographic environment and the relevant spatial information. In addition to photomaps, the new 552-page “Hong Kong Guide” provides detailed maps of Hong Kong, gazetteers of street and place names, indexes of estates and buildings, public services, as well as information on public transportation. |



STORY MAPS

HKG_SM1

| | |
|----------------------------|---|
| Title | Hong Kong Harbourfront Promenade |
| Software | Tableau |
| Author(s) | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Published by | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Date of publication | January 2023 |
| Languages(s) of the legend | English and Chinese |
| Copyright | © Copyright reserved – Hong Kong SAR Government. |
| Abstract / Description | A theme will be featured in each edition of e-HongKongGuide digital map. The theme of the 2023 edition is Hong Kong Harbourfront Promenade. An interactive story map developed in the Tableau Platform showcases 21 promenades along the Victoria Harbour, Hong Kong, each comes with a brief introduction, scenic photos, old and recent photomaps, and a timeline to enable the public to understand the transformation of the harbourfront promenades. The “Harbourfront Shared Space” is also introduced in the story map, allowing users to have a quick grasp on the latest harbourfront enhancement initiatives. |



HKG_DPS1

| | |
|----------------------------|--|
| Title | Common Spatial Data Infrastructure Portal |
| Type | Open Data Portal |
| Operating System | Web |
| Author(s) | Development Bureau, Hong Kong SAR Government, China |
| Published by | Development Bureau, Hong Kong SAR Government, China |
| Date of publication | December 2022 |
| Languages(s) of the legend | English and Chinese |
| Copyright | Allowed to browse, download, distribute, reproduce, hyperlink to and print the Data for both commercial and non-commercial purposes on a free-of-charge basis with conditions. For details please visit https://portal.csd.gov.hk/csd-webpage/siteinfo/TNC . |
| Abstract / Description | CSDI Portal is an entry point of CSDI which enables users to discover, share, access and use of spatial data contributing from different government bureaux or departments and public organization. The Portal is riding on government cloud-based infrastructure and aims to develop a scalable and secured common sharing platform of spatial data across government departments and public. The objective of CSDI Portal is to facilitate effective exchange of quality and up-to-date spatial information and services for government agencies as well as businesses/ professionals, academics and the public community in the long run. |

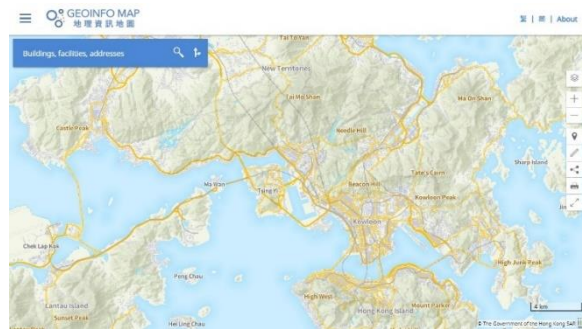


HKG_DPS2

| | |
|----------------------------|--|
| Title | Hong Kong Map Service |
| Type | Web Map |
| Operating System | Browser: Internet Explorer 11 or above, Edge, Firefox 31 or above, Chrome, Safari 6 or above |
| Author(s) | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Published by | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Date of publication | August 2018 |
| Languages(s) of the legend | English and Chinese |
| Copyright | All Digital Maps obtained by a user from the HKMS website are governed by the provisions in the "Licence Agreement for Using Government Digital Map" and/or "Terms and Conditions on the Use of Digital Map from Survey and Mapping Office, Lands Department". |
| Abstract / Description | Hong Kong Map Service 2.0 (HKMS 2.0) is a one-stop platform providing round-the-clock service for ordering and downloading digital map products, paper map products and cadastral survey records to the public, which including i-Series open digital maps and digital aerial photos for public free download. |



| | |
|----------------------------|---|
| Title | GeoInfo Map |
| Type | Web Map |
| Operating System | Not provided |
| Author(s) | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Published by | Survey and Mapping Office, Lands Department, Hong Kong SAR Government, China |
| Date of publication | May 2010 |
| Languages(s) of the legend | English and Chinese |
| Copyright | To encourage wider distribution of the contents contained in GeoInfo Map, you are permitted for non-commercial and personal enjoyment purpose. For more information please visit map.gov.hk -> About -> IP Rights Notice |
| Abstract / Description | GeoInfo Map is a geospatial information service provided by the Hong Kong Special Administrative Region Government to the general public, dedicated to facilitate the searching and understanding of geographical locations, the built and natural environments, and public facilities in Hong Kong. It served as a common platform to foster sharing of geospatial information by enabling easy public access to the latest facility information released by government departments. Over the years, the content of the GeoInfo Map has enriched significantly from provision of 120 types of public facility geospatial information to 270. |



MAPS PRODUCTS

HRV_MP1

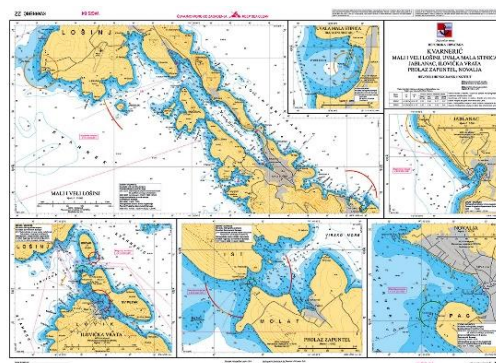
| | |
|----------------------------|--|
| Title | Map of the Diocese of Poreč and Pula (Diocesis Parentina et Polensis) |
| Scale | 1:120000 |
| Dimensions(mm) | 580 x 790 |
| Author(s) | Ivka Kljajić; Robert Župan; Stanislav Frangeš |
| Published by | Faculty of Geodesy, University of Zagreb, Zagreb, Croatia |
| Date of publication | December 2022 |
| Languages(s) of the legend | Croatian and English |
| Copyright | Authors, Journal of Maps, OpenStreetMap, Taylor & Francis |
| Abstract / Description | The map of the Diocese of Poreč and Pula contains the exact borders of the Diocese and the current borders of the deaneries with their current seats. For the first time, the parish borders with seats and names of the parishes are also shown on the map. |



CHARTS PRODUCTS

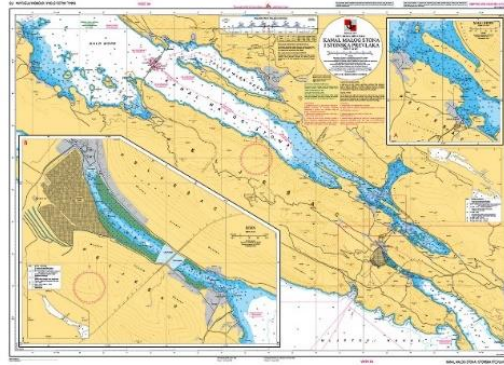
HRV_CP1

| | |
|----------------------------|---|
| Title | Kvarnerić |
| Dimensions(mm) | 1000 x 707 |
| Author(s) | Vinka Kolić, MSc; Valerija Filipović, M.Eng.Geod.et Geoinf.; Ivana Kordić, B.Sc. |
| Published by | engineer of geodesy |
| Date of publication | Hydrographic Institute of the Republic of Croatia, Split |
| Languages(s) of the legend | February 2023 |
| Copyright | Croatian and English |
| Abstract / Description | Hydrographic Institute of the Republic of Croatia, Split, Republic of Croatia |
| | A new edition of the official navigational chart consisting of five plans and one approachchart (scale 1:25 000) from different areas (Kvarnerić, Velebitski kanal and Virsko more) within the northern part of the Adriatic Sea. |



HRV_CP2

| | |
|----------------------------|---|
| Title | Kanal Malog Stona and Stonska prevlaka |
| Dimensions(mm) | 1000 x 707 |
| Author(s) | Vinka Kolić, MSc; Pejo Bročić, B.Sc. engineer of geodesy; Dejan Lovrinčević, Ph.D in Geodesy |
| Published by | Hydrographic Institute of the Republic of Croatia, Split |
| Date of publication | August 2022 |
| Languages(s) of the legend | Croatian and English |
| Copyright | HHI Split, Republic of Croatia |
| Abstract / Description | In 2022 Croatia opened The Pelješac Bridge, which linked its mainland with the country's southern semi-exclave. The area has a significant strategical, historical, geographical and nautical importance. |



EDUCATIONAL PRODUCTS

HRV_EP1

| | |
|----------------------------|---|
| Title | Map on the floor |
| Author(s) | Igor Vilus |
| Published by | State Geodetic Administration of the Republic of Croatia |
| Date of publication | November 2022 |
| Languages(s) of the legend | Croatian |
| Copyright | State Geodetic Administration of the Republic of Croatia |
| Abstract / Description | Oversized walk-on floor map installed on the entrance hall of the Primary school Brestje in the Sesvete town. |



HRV_EP2

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Map on the floor

Igor Vilus
State Geodetic Administration of the Republic of Croatia
November 2022
Croatian
State Geodetic Administration of the Republic of Croatia
Oversized walk-on floor map installed on the entrance hall of the Primary school Antun Augustincic in the Zapresic town.



HRV_EP3

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Map on the floor

Igor Vilus
State Geodetic Administration of the Republic of Croatia
November 2022
Croatian
State Geodetic Administration of the Republic of Croatia
Oversized walk-on floor map installed on the entrance hall of the Primary school Ban Josip Jelacica in the Podsused town.



HRV_EP4

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Map on the floor

Igor Vilus
State Geodetic Administration of the Republic of Croatia
November 2022
Croatian
State Geodetic Administration of the Republic of Croatia
Oversized walk-on floor map installed on the entrance hall of the Primary school Samobor in the Samobor town.



HRV_EP5

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Map on the floor

Igor Vilus
State Geodetic Administration of the Republic of Croatia
December 2022
Croatian
State Geodetic Administration of the Republic of Croatia
Oversized walk-on floor map installed on the entrance hall of the Primary school Franjo Krezma in the Osijek town.



HRV_EP6

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Map on the floor

Igor Vilus
State Geodetic Administration of the Republic of Croatia
December 2022
Croatian
State Geodetic Administration of the Republic of Croatia
Oversized walk-on floor map installed on the entrance hall of the Primary school Srdoci in the Rijeka town.



MAPS PRODUCTS

CZE_MP1

| | |
|----------------------------|---|
| Title | PRAGUE: PUBLIC TRANSPORT MAP AND PRAGUE INTEGRATED TRANSPORT LINE DIAGRAM |
| Dimensions(mm) | 700 x 1000 |
| Author(s) | ROPID – Regionální organizátor pražské integrované dopravy |
| Published by | ROPID – Regionální organizátor pražské integrované dopravy |
| Date of publication | November 2022 |
| Languages(s) of the legend | Czech |
| Copyright | © ROPID – Regionální organizátor pražské integrované dopravy, 2022 |
| Abstract / Description | The map contains a clear diagram of public transport in Prague, showing all lines included in the Prague integrated transport system, including all stops. Each line and group of lines has its own colour, which facilitates orientation on the map, especially for bus lines, which are numerous. The map is available as a folded leaflet, which can be picked up free of charge at information centres, downloaded from the website or in large display significances on the streets of Prague. On the bright base map, the types of transport, stops and line numbers are also distinguished by line markings. |



CZE_MP2

| | |
|----------------------------|--|
| Title | BOHEMIAN FOREST - PLAINS 1: 25 000 |
| Scale | 1:25000 |
| Author(s) | Josef RANCAK |
| Published by | Geodézie On Line, Ltd. |
| Date of publication | June 2022 |
| Languages(s) of the legend | Czech |
| Copyright | © Geodézie On Line, Ltd., 2022 |
| Abstract / Description | The double-sided hiking and cycling map 1:25 000 includes a winter superstructure: ski slopes, cross-country trails and the WGS 84 coordinate network. On the front of the map is the territory of Příšiško, on the reverse Povyďfí. The map impresses with its up-to-date and detailed treatment of some new facts. The high quality of the map is due to the elaborate system of updating it to the content of the used state map. |



CZE_MP3

Title
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

TOP ATTRACTIONS OF THE SILESIAN-MORAVIAN BORDER REGION

1:100000
SHOCart, Ltd.
SHOCart, Ltd.
May 2022
Czech and English
© SHOCart, Ltd., 2022

The bilingual tourist map at a scale of 1: 100 000 covers the area along the Czech-Polish state border, specifically the area between the towns of Krnov-Valašské Meziříčí-Žory-Bialsko Biala. On a very detailed topographic basis, hiking routes and places of interest for tourists are carefully depicted. The map shows 55 major attractions by means of picture cut-outs. A significant advantage of the map is the quality cartographic processing of the Czech and Polish territory, carried out with great care.



CZE_MP4

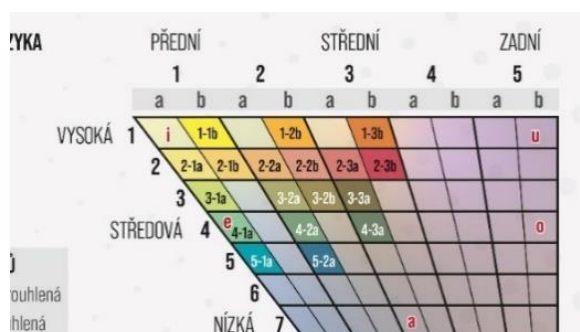
Title
Scale
Author(s)

Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

RESULTS OF THE EVOLUTION OF THE VOWEL “Y” IN THE 20TH CENTURY

1:600000
Bronislav STUPNANEK, Alena VONDRAKOVA
(1) Czech Language Institute, Czech Academy of Sciences, (2) Palacky University Olomouc
December 2022
Czech
© Palacky University Olomouc, 2022

The vowel /y/ began to merge with the vowel /i/ in the dialects of the Czech language at the beginning of the 15th century in Central Bohemia and the change was spreading to the surrounding area. Even in the second half of the 20th century, it was still possible to record alternations and relics of alternations for the vowel /y/ in Czechia. The map classifies the pronunciation of the vowels and adds a diachronic dimension through the stage of extinction of the vowel and through the supplementary map reconstructing the spread of the /y/ alterations in the period around 1775.

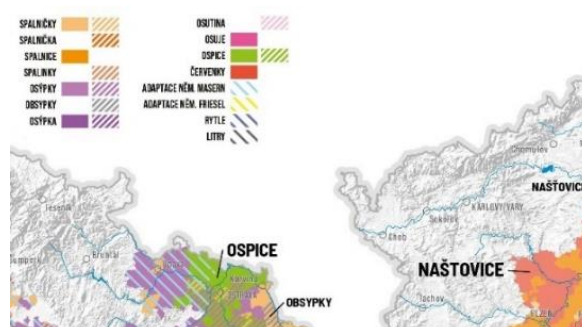


Title
Scale
Author(s)

Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

PLURALIA TANTUM IN DIALECTS

1:600000
Stanislava SPINKOVA, Alena VONDRAKOVA
(1) Czech Language Institute, Czech Academy of Sciences, (2) Palacky University
Olomouc
December 2022
Czech
© Palacky University Olomouc, 2022
The map deals with Czech dialect specifics of nouns used mostly in the plural. It
focuses primarily on morphological phenomena but selectively pays attention to
dialect specifics at the phonological, word formation and lexical levels. Dialect
names of specific types of trousers (underpants, linen trousers and leather pants)
and different diseases (tuberculosis, measles, smallpox, chickenpox and cowpox)
are presented. The input data comes from the Folk Language Archive stored in the
Czech Language Institute, Czech Academy of Sciences, especially from collections
obtained by the correspondence method in the 1940s and 1950s.



CZE MP6

Title
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

RAILWAY NETWORK IN THE CZECH REPUBLIC

1:500000
Správa železnic, státní organizace
Správa železnic, státní organizace
September 2022
Czech
© Správa železnic, státní organizace, 2022

The simple thematic map with a detailed outline of the course of all railway lines and the location of all railway stations and stops is prepared at a scale of 1 : 500 000. Detailed map sections of the railway junctions Prague, Brno and Ostrava are supplemented by a map of the planned network of fast connections. The map can be an ideal basis for the fans of railway transport when travelling by train around our beautiful homeland. It also clearly shows the railway network in the nearby border area.



CZE_MP7

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

HAND-PAINTED TOURIST MAP OF BYSTRICE POD LOPENIKEM

Miroslav PAZDERA, Jakub PETRAS
CBS Nakladatelství, Ltd.
December 2022
Czech
© CBS Nakladatelství, Ltd., 2022

Children were involved in the making of the map – kids for kids. Their pictures give an idea of what the place you want to visit looks like. Orientation in a painted map is much easier than in a traditional topographic map, because you can see exactly what interesting objects look like. Painted maps still retain the accuracy of topographic maps, with all roads, nature trails, points of interest, and other information. On the reverse side are descriptions of the main landmarks, including museum, school, lookout points, and education paths with drawings and texts made by local kids.



CZE_MP8

Title
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

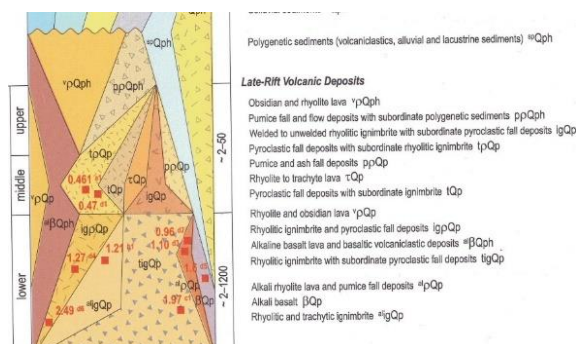
UKRAINE HANDY DOUBLE-SIDED MAP

1:3850000
Kartografie PRAHA, Inc.
Kartografie PRAHA, Inc.
June 2022
Czech and Ukrainian
© Kartografie PRAHA, Inc., 2022

The handy laminated map in A3 format contains a map of Ukraine in Czech on one side and in Ukrainian on the other side. The map is a helpful tool for all those who want to orient themselves in the current events in this country. It is especially suitable for children from Ukraine, who can practice both languages and geography by simply turning the map over. In general, the geographic map includes, in terms of physical content, rivers, lakes, lowlands, mountains, peninsulas, islands, bays or straits. From the administrative content, it offers the state borders, the Ukrainian self-government regions and their capitals. All this is complemented by other major cities, airports, ports, roads and railways.



| | |
|----------------------------|--|
| Title | GEOLOGY, SOIL ENVIRONMENT AND HYDROGEOLOGY OF THE SIDAMA REGION, ETHIOPIA |
| Scale | 1:100000 |
| Author(s) | Petra HEJTMANKOVA et al. |
| Published by | Czech Geological Survey |
| Date of publication | March 2022 |
| Languages(s) of the legend | English |
| Copyright | © Czech Geological Survey, 2022 |
| Abstract / Description | This set of thematic maps at a scale of 1: 100 000 and accompanying textual explanatory notes is a compilation of geoscientific information on the geological, hydrogeological and pedological environment of the Sidama Region (Ethiopia). The maps provide vital information on the distribution and condition of natural resources to assist in making informed and objective decisions by national and local governments in exploiting natural resources in this region. Almost all the data in the maps are primary data, including the topographic base. The processing methodology is based on research rules validated in Czechia. |



ATLASES

CZE AT1 (GAP)

| | |
|----------------------------|---|
| Title | ATLAS OF THE MORAVIAN-SILESIA REGION: people, entrepreneurship, environment |
| Dimensions(mm) | 370 x 350 |
| Number of pages | 89 |
| Author(s) | Jaroslav BURIAN, Stanislav STASTNY, Vit VOZENILEK et al. |
| Published by | (1) Moravian-Silesian Region, (2) Urban Planner, Ltd. |
| Date of publication | December 2021 |
| Languages(s) of the legend | Czech |
| Copyright | © Moravian-Silesian Region, 2021 |
| Abstract / Description | The Atlas of the Moravian-Silesian Region presents spatial information using cartographic methods through various thematic maps and graphic illustrations. In several chapters, which correspond to the Region's Development Strategy, information about the region is embedded in 532 elements, including 111 maps, 93 graphs and diagrams, 12 charts, 74 tables charts and tables, 123 text fields and 119 illustrations. The Atlas is a comprehensive cartographic product with a rich representation of high-quality maps. It is excellently prepared both cartographically and in terms of content and graphics. Readers will find it an exciting and illustrative source of information about the Moravian-Silesian Region. |



CZE_AT2

| | |
|----------------------------|---|
| Title | CZECH DIALECT ATLAS: declension of the nouns |
| Dimensions(mm) | 297 x 430 |
| Number of pages | 106 |
| Author(s) | Martina IREINOVA, Vit VOZENILEK et al. |
| Published by | (1) Czech Language Institute, Czech Academy of Sciences, (2) Palacky University Olomouc |
| Date of publication | December 2022 |
| Languages(s) of the legend | Czech and Czech dialects |
| Copyright | © Palacky University Olomouc, 2022 |
| Abstract / Description | The Atlas describes the decline and disappearance of the dialect of the Czech language. The analytical dialect maps show the dialectal morphological differences. The accompanying maps express spelling variations. The atlas also contains dialectological commentaries and texts describing the realities of former rural life, farming methods and customs. The thematic maps are enriched by photographs taken by dialectologists half a century ago during field research. The atlas culminates in a spatial synthesis which, in the maps of dialect types, expresses the degree of standard spelling throughout the entire area under study. |



ATLAS NÁŘEČÍ ČESKÉHO JAZYKA DEKLINACE SUBSTANTIV

CZE_AT3

| | |
|----------------------------|--|
| Title | ATLAS OF EDUCATION, SOCIAL SERVICES AND EMPLOYMENT OF PEOPLE WITH DISABILITIES IN THE CZECH REPUBLIC |
| Dimensions(mm) | 305 x 430 |
| Number of pages | 152 |
| Author(s) | Jan MICHALIK, Vit VOZENILEK et al. |
| Published by | Palacky University Olomouc |
| Date of publication | December 2022 |
| Languages(s) of the legend | Czech |
| Copyright | © Palacky University Olomouc, 2022 |
| Abstract / Description | The Atlas brings completely new perspectives on the position of people with disabilities in three areas of public life - education, social services and employment. The chapters respect the division of public administration, but always present the issues related to the life of persons with disabilities. The Atlas shows the available means, forms and institutions that help people with disabilities - schools, school counselling centres, social services, employment support institutes. The Atlas provides new information and suggestions that contribute to a better coherence between the described situations and the often-isolated institutional support. Firstly, in Czechia, it offers a cartographic view of an essential and so far, little-described area of life of a significant group of citizens. |



STORY MAP

CZE_SM1

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

DANTE'S INFERNO

ArcGIS
Josef MÜNZBERGER
Czech Technical University in Prague
September 2022
Czech
© Czech Technical University in Prague, 2022

The story map is a unique combination of a literary work and a web map application, accompanied by original music. The web map application replicates the journey described in Dante's Divine Comedy. In doing so, it is a reconstruction of the location and structure of Dante's Inferno, based on a design by Antonio Manetti, advocated by Galileo Galilei. The story map is well done and original. A look inside Dante's Inferno with expert commentary by the author is recommended not only to all lovers of Dante Alighieri's epic Divine Comedy.



CZE_SM2

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

MINING HEPA "EMA" AND ITS SURROUNDINGS

ArcGIS StoryMaps
Katerina RUTOVA
VSB-Technical University Ostrava
April 2022
Czech
© VSB-Technical University Ostrava, 2022

The story map is a web product of the mining heap "Ema" and its surroundings in ArcGIS StoryMaps from Esri. The story map is an output of multidisciplinary study in the form of interactive maps, 3D scenes and animations, which are enhanced with narrative text describing information about the mining heap Ema and the nearby surroundings. The primary purpose of the story map is to provide readers with exciting and new knowledge about this widely visited site, with an emphasis on the interactivity of the presented outcomes.



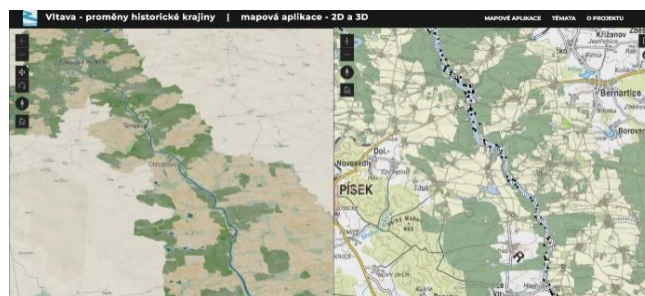
CZE_SM3

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

THE VLTAVA RIVER: Changes in the Historical Landscape

Esri
Jiri KREJCI et al.
Czech Technical University in Prague
November 2022
Czech
© Czech Technical University in Prague, 2022

The story map presents the extinct Vltava River landscape and its changes. It is a set of four applications: a 2D map application, a 3D web scene, a 2D and 3D synchronized map application and an application with two 2D synchronized windows. From the headwaters of the Vltava River to Prague, there are three-time levels of maps in the portal: circa mid-19th century, the 1950s and the present day. It contains a vector land-use model in three-time levels and selected manuscript flow maps. The application is also a platform for viewing localized historical photographs and postcards presented by an active feature in the map.



CZE_SM4

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

AS SPOKEN AND SPEAKING

Java Script
Marketa BEITLOVA
(1) Czech Language Institute, Czech Academy of Sciences, (2) Palacky University Olomouc
May 2022
Czech and Czech dialects
© Palacky University Olomouc, 2022

The multimedia interactive map with dialect content allows you to play samples of different dialects in the Czech Republic in all dialect regions. The map was created in cooperation between dialectologists from the Institute of Czech Language of the Czech Academy of Sciences and cartographers from Palacký University Olomouc as one of the outputs of their joint research. It is very popular for both young and old generations.



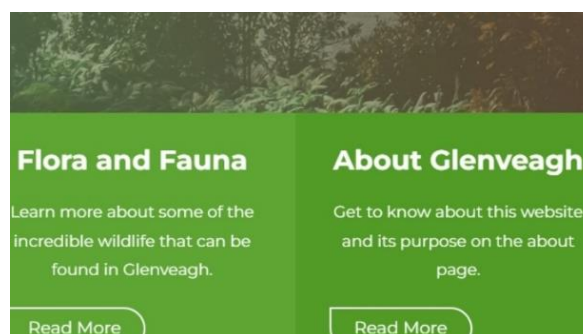
CZE_SM5

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

GLENVEAGH NATIONAL PARK: history, ecosystems and biodiversity

ArcGIS
Ella CHRISTIE
Palacky University Olomouc
May 2022
English
© Palacky University Olomouc, 2022

The story map is an educational web platform containing interactive features using geovisualization techniques informing the users about local biodiversity and selected geo-aspects. A well-structured, simple-to-navigate, interactive and highly visual website was created to host the information and resources created for this project. The website and its accompanying resources were the main output of this thesis project. 20 species profiles and 22 children's activities and learning resources, a Glenveagh National Park StoryMap presentation, six interactive maps, and 20 static maps were created for this project.



DIGITAL PRODUCTS AND SERVICES

CZE_DPS1

Title
Type
Operating System
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

CONTOUR LINES DEM 5G

web service
Windows
Zeměměřický úřad
Zeměměřický úřad
June 2022
Czech
© Zeměměřický úřad, 2022

The application contains contour lines that were derived from the Digital Elevation Model Generation 5 (DEM 5G) product. The dataset consists of contour lines with a base interval of 1m, with attribute differentiated highlighted contour lines with an interval of 5 m. In the planes, the dataset is supplemented with additional contours at 0.5 m intervals. The contour objects are represented by a three-dimensional vector space component with X,Y,H coordinates (where H represents an elevation in the Balt elevation reference system). The dataset also contains additional layers of gradients and contour descriptions.



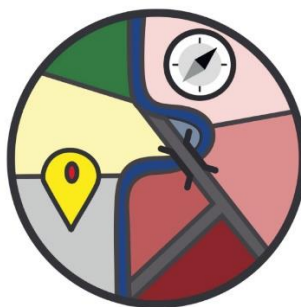
CZE_DPS2

Title
Type
Operating System
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

MAPPING SKILLS

web portal
Windows
Martin HANUS
Charles University
December 2021
Czech
© Charles University, 2021

The educational web portal provides methodological procedures and suggestions for developing the map skills of pupils at primary and secondary schools. The target group of users are geography teachers and their pupils or students of geography teaching. The portal demonstrates in an illustrative way how the teaching of cartography can be integrated into the teaching of geography and geography in primary and secondary schools. The portal includes a methodology, an adaptable application and a board game. Any such activity leading to the popularisation of cartography in education is worthy of appreciation.



EDUCATIONAL PRODUCTS

CZE_ED1

Title
Dimensions
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

SCHOOL ATLAS OF TODAY'S WORLD

330 x 240
Martin HANUS, Ludek SIDLO
© TERRA, Ltd., 2021
December 2021
Czech
© TERRA, Ltd., 2021

The School Atlas of Today's World with the approval of the Ministry of Education is intended for pupils of the second stage of primary schools, grammar schools and secondary schools. It meets the requirements of the expected outcomes prescribed for the educational programmes of primary and secondary education. The Atlas is quite unique in combining a traditional printed and a modern online version. The Atlas fully meets the needs of teaching in primary schools, with a significantly expanded number of general geographical and political maps showing individual continents and, in more detail, selected regions. At the same time, the atlas is modern and conceived on the basis of cross-curricular links.



CZE_ED2

Title
Dimensions
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

ILLUSTRATED ATLAS OF THE WORLD

325 x 240

Martin HANUS, Ludek SIDLO

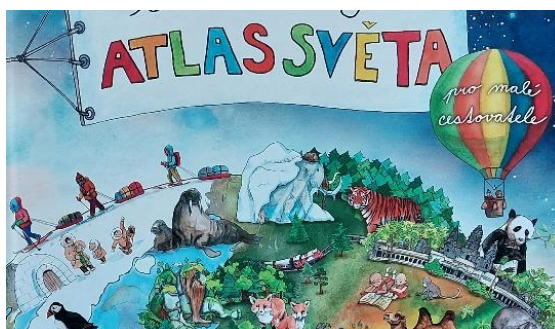
Kartografie Praha, Inc.

September 2022

Czech

© Kartografie Praha, Inc., 2022

One day, eight-year-old twins Anička and Kryštof decided to prepare a world atlas for little travellers like them. They embarked on a long journey, visiting every continent and passing on their experiences and knowledge to their peers. The atlas is divided into two parts for better clarity. First, children are just getting ready for their journey, discovering the Solar system, Earth and the world in general. Then, the twins travel the world, introducing each continent with a clear map and a large full-page illustration with many facts. Everything is written and drawn from the children's perspective, in a clear and engaging way. The atlas includes motifs that encourage children to be active.



CZE_ED3

Title
Dimensions
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

PUPIL'S ATLAS

230 x 320

Kartografie Praha, Inc.

Kartografie Praha, Inc.

December 2021

Czech

© Kartografie Praha, Inc., 2021

This alternative school atlas contains, quite uniquely within one atlas, sections dedicated not only to the universe, the world and continents but also to Czechia. This made it possible to present Czechia in the context of the whole world and in context. The continents are presented by means of key themes and their specifics. For example, in Europe, one can get acquainted with the issue of migration, in the Caribbean with hurricanes, in Asia with fertility or in Africa with representatives of typical fauna. The sections on the world contain both simple to schematic maps and relatively more complex maps, whose added value lies primarily in showing pupils the connections between certain phenomena.



CZE_ED4

Title

Author(s)

Published by

Date of publication

Languages(s) of the legend

Copyright

Abstract / Description

CRITICALLY ENDANGERED PHENOMENA OF OUR DIALECTS (exhibition with maps)

Jakub KONICEK, Martina IREINOVA et al.

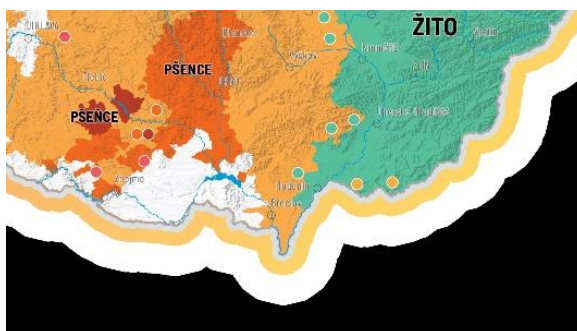
(1) Czech Language Institute, Czech Academy of Sciences, (2) Palacky University Olomouc

April 2022

Czech and Czech dialects

© Palacky University Olomouc, 2022

The first-ever exhibition dedicated to Czech dialects presented on over 40 dialect maps with accompanying texts describing former rural life, farming and customs. The exhibition has been visited by almost 15,000 visitors so far, at the Homeland History Museum in Olomouc, the Moravian Library in Brno and the Slovak Museum in Uherské Hradiště, and the selected dialect maps have been seen by about 150,000 passengers on the Gallery Tram in Brno. The exhibition is already booked for a number of other museums and libraries and at the Science Fair in Prague and can also be viewed via a virtual guide.



PHYSICAL PRODUCTS

CZE_PP1

Title

Dimensions

Author(s)

Published by

Date of publication

Languages(s) of the legend

Copyright

Abstract / Description

GUIDE TO SELECTED MONUMENTS OF CZECHIA FOR PEOPLE WITH VISUAL IMPAIRMENT

300 x 210

Jakub ZEJDLIK

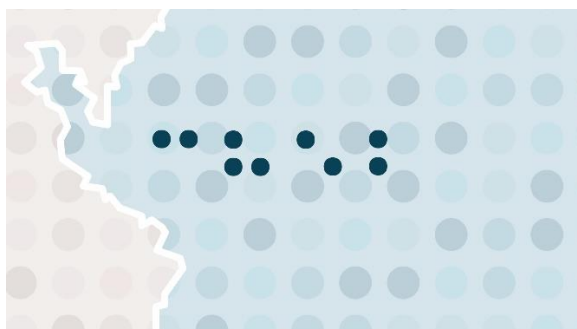
Palacky University Olomouc

June 2022

Braille and Czech

© Palacky University Olomouc, 2022

The Guide to Selected Monuments of Czechia is a unique publication aimed at helping people with visual impairment to understand better the historical, architectural, and primarily spatial character of selected monuments in Czechia and thus to expand the possibilities of spending leisure time for people with this disability. The guide presents sixteen selected monuments in Czechia in the form of tactile maps (maps readable by touch) using Braille for the labels and is intended for people with partial visual impairment as well as for people with severe visual impairment who need assistants for their orientation in space.



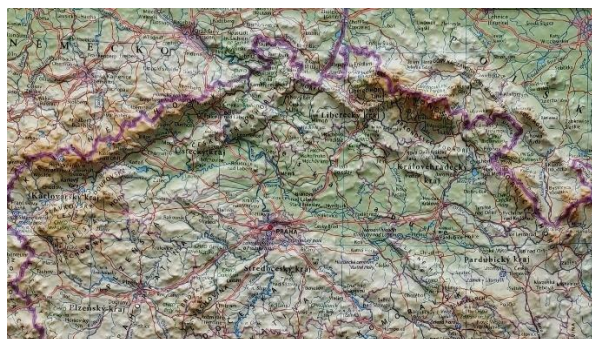
CZE_PP2

Title
Dimensions
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

CZECHIA - RELIEF MAP

422 x 280
1:1240000
Kartografie Praha, Inc.
Kartografie Praha, Inc.
March 2022
Czech
© Kartografie Praha, Inc., 2022

The relief map of the Czech Republic is made using the 3D vacuum forming technique. It is offered in a practical A3 format. The plastic shaping of mountain ranges, hills and mountains is complemented by significant rivers and water bodies. In addition to settlements, motorways, railway lines and regional borders help in the orientation in the map. And also, important national parks, protected landscape areas and UNESCO monuments. The map is made of high-quality plastic, which is coated with a film that protects it from rapid wear and tear. It is packed in a practical cardboard box with a decorative die-cut.



CZE_PP3

Title
Dimensions
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

EDUCATIONAL SET OF 3D MODELS

200 x 150
Katerina BECICOVA, Alena VONDRAKOVA, Radek BARVIR, Jan BRUS
Palacky University Olomouc
May 2023
Czech in audio tracks
© Palacký University Olomouc, 2022

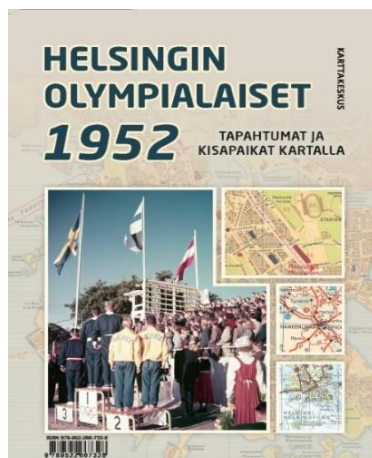
The educational set of 3D haptic models represents unique teaching multimedia aids for teaching geography to people with severe visual impairments. Models are created using widely available 3D printers using conductive and non-conductive filament printing. The conductive filament transmits the touch on the model to the smart device's screen, which starts an audio recording with educational content and an explanation of the given element (called TouchIt3D technology). The models include types of clouds, a cross-section of a volcano, a cross-section of the globe, etc. A total of 7 models were created, which were user-tested and implemented in practice.



MAPS PRODUCTS

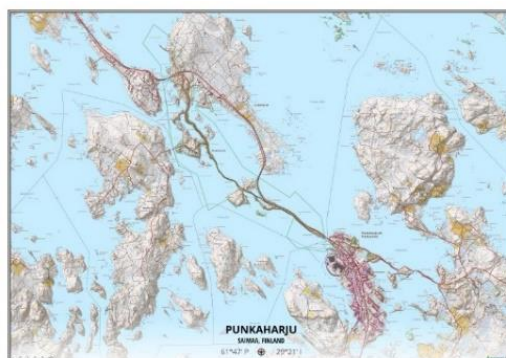
FIN_MP1

| | |
|----------------------------|--|
| Title | Helsingin olympialaiset 1952 (Summer Olympics of Helsinki 1952) |
| Scale | 1:15000 |
| Dimensions(mm) | 269 x 193 |
| Author(s) | Jussi Iltanen |
| Published by | Karttakeskus |
| Date of publication | May 2022 |
| Languages(s) of the legend | Finnish |
| Copyright | © Tapio Palvelut Oy / Karttakeskus, Helsinki 2022 |
| Abstract / Description | The Olympics were held in Finland in 1952. The events and venues of the Olympic Games have been compiled on the maps of the 1950s, and you can visit to see what the places look like today. |



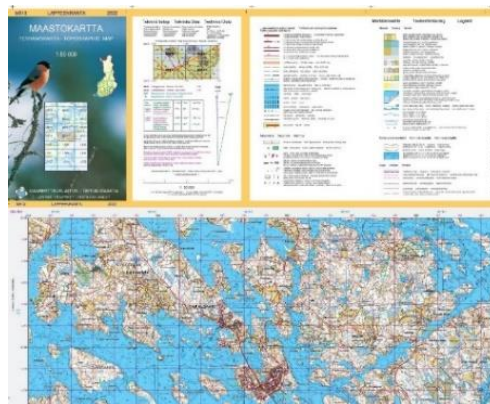
FIN_MP2

| | |
|----------------------------|---|
| Title | Topographic map of Punkaharju |
| Scale | 1:20000 |
| Dimensions | 700 x 500 |
| Author(s) | Mikko Hämäläinen |
| Published by | Karttakeskus |
| Date of publication | August 2022 |
| Languages(s) of the legend | English and Finnish |
| Copyright | © Tapio Palvelut Oy / Karttakeskus, Helsinki 2022. Data from NLS Finland, 2022 |
| Abstract / Description | Punkaharju is one of Finland's most beautiful places in eastern Finland. The map shows the beautiful land of thousands of lakes and the ice age ridge formation on a terrain map with the help of a height shade. The map was made by Omakartta.fi map service. |



FIN_MP3

| | |
|----------------------------|---|
| Title | Maastokartta, Topographic map 1:50000 |
| Scale | 1:50000 |
| Dimensions | 995 x 685 |
| Author(s) | National Land Survey of Finland |
| Published by | National Land Survey of Finland |
| Date of publication | September 2022 |
| Languages(s) of the legend | Finnish, Swedish and English |
| Copyright | National Land Survey of Finland |
| Abstract / Description | 1:50,000 topographic map gives a more general picture of the ground features than a basic map. It shows settlements, houses, roads, cultivated areas, waterways, cutting areas, mires, rock exposures, and relief. One map sheet covers an area of 30 x 40 km. The map shows the Saimaa Canal, which connects the extensive Saimaa lake region (Finnish Lakeland) with the Gulf of Finland close to the city of Vyborg (Russia). The canal was constructed from 1845 to 1856. The total length of the channel is 42.9 km, of which 23.3 km is in Finland and 19.6 km in Russia. |



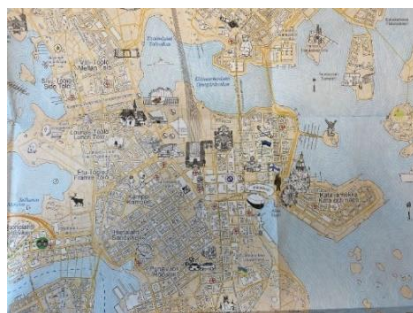
FIN_MP4

| | |
|----------------------------|---|
| Title | Peruskartta, Basic map 1:25000 |
| Scale | 1:25000 |
| Dimensions | 995 x 685 |
| Author(s) | National Land Survey of Finland |
| Published by | National Land Survey of Finland |
| Date of publication | September 2022 |
| Languages(s) of the legend | Finnish, Swedish and English |
| Copyright | National Land Survey of Finland |
| Abstract / Description | Basic maps cover the whole Finland and show the cadastral division, roads, buildings, waterways, cultivated areas, other topographic features and contour lines. One map sheet covers an area of 12 x 24 km. The map shows the Saimaa Canal, which connects the extensive Saimaa lake region (Finnish Lakeland) with the Gulf of Finland close to the city of Vyborg (Russia). The canal was constructed from 1845 to 1856. The total length of the channel is 42.9 km, of which 23.3 km is in Finland and 19.6 km in Russia. |



FIN_MP5

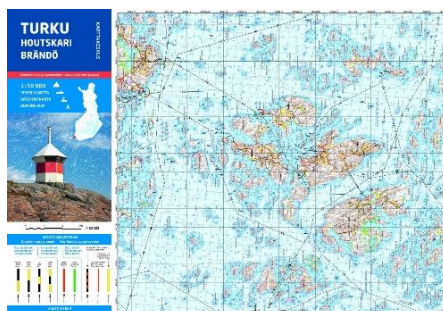
| | |
|----------------------------|--|
| Title | Kartta-Äpy of Helsinki |
| Scale | 1:20000 |
| Dimensions(mm) | 700 x 497 |
| Author(s) | Suomen Äpy-lehtien liitto ry. |
| Published by | Suomen Äpy-lehtien liitto ry. |
| Date of publication | April 2023 |
| Languages(s) of the legend | Finnish |
| Copyright | Suomen Äpy-lehtien liitto ry. |
| Abstract / Description | Äpy is Finland's oldest student-run biannual magazine prepared for May Day celebrations. It has been published since 1948. The publication format of Äpy varies with each issue. The 2023 Äpy was in the form of a humorous map, where both the map labels and other cartographic elements were the subject of good-natured mockery. |



CHARTS PRODUCTS

FIN_CP1

| | |
|----------------------------|--|
| Title | Boating Map (Turku, Houtskari, Brändö) 1:50 000 |
| Scale | 1:50000 |
| Dimensions(mm) | 1000 x 700 |
| Author(s) | Tapio Palvelut Oy / Karttakeskus |
| Published by | Tapio Palvelut Oy / Karttakeskus |
| Date of publication | October 2022 |
| Languages(s) of the legend | Finnish, Swedish and English |
| Copyright | © Tapio Palvelut Oy / Karttakeskus 2022 Kartta sisältää Maanmittauslaitoksen aineistoa 2022 © Traficom in lisenssi No. TRAFICOM/90312/00.04.01.10/2021 VAROITUS: Ei navigointiin. |
| Abstract / Description | Waterproof map to the northern Turku archipelago! Waterproof boating maps describe the terrain and objects of land areas, ports of call and various protection and restriction areas more precisely than before. Maritime information shows, among other things, channels with navigation depths, depth information, sea marks, and reefs and rocks. The maps are perfectly suited as travel companions for boaters and paddlers. The map set is made of water-resistant and tear-resistant material (Tyvek). The boating information on the maps is based on the Finnish Transport and Communications Agency's Traficom material from 2022, and it has been supplemented with information from the Land Surveying Institute's terrain database and other materials. The scale of the maps is 1:50,000 more accurate in the sea area than before. |



ATLASES

FIN_AT1

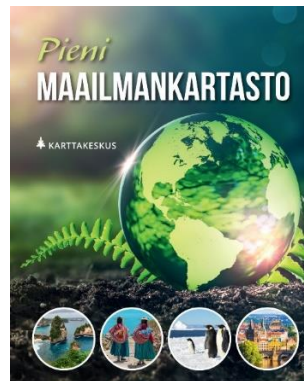
Title
Dimensions(mm)
Number of pages
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Pieni Maailmankartasto (Small Atlas of World)

308 x 237
128
Tapio Palvelut Oy
Karttakeskus
October 2022
Finnish

© Tapio Palvelut Oy / Karttakeskus, Helsinki 2022

Illustrative maps and beautiful images create an understanding of world's nature and different cultures. The Atlas has been made from a Finnish perspective by local cartographers. It is planned for school and makes it easier to follow world news events.



STORY MAP

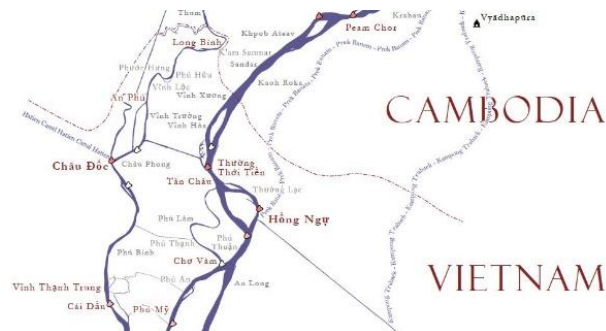
FIN_SM1

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

The Mekong River

QGIS and Affinity Design
Marko Kallio
Marko Kallio
April 2023
English
Marko Kallio (2023)

Hello traveller, are you interested in an adventure? This ribbon map of the Mekong River outlines a journey along the Mekong River, showcasing numerous interesting environmental and cultural features. Hop on aboard the river boat and enjoy the ride!



MAPS PRODUCTS

FRI_MP1

| | |
|----------------------------|---|
| Title | Chamonix Mont-Blanc (36300T) |
| Scale | 1:25000 |
| Dimensions(mm) | 960 x 1320 |
| Author(s) | IGN France |
| Published by | IGN France |
| Date of publication | April 2023 |
| Languages(s) of the legend | French, English and German |
| Copyright | https://geoservices.ign.fr/cgu-licences |
| Abstract / Description | |

The essential hiking map on the Mont-Blanc massif! These topographic maps of very high precision contain all the existing details on the ground: communication routes to the smallest path, constructions to the hangar, wood, isolated tree, river, spring... Not to mention the representation of the relief by contour lines. On the TOP25 marked trails and tourist information are indicated.



FRI_MP2

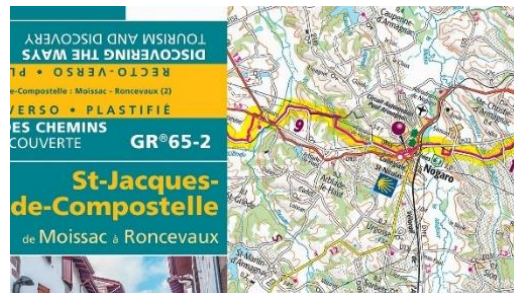
| | |
|----------------------------|---|
| Title | Loire castles by bike |
| Scale | 1:100000 |
| Dimensions(mm) | 1000 x 1430 |
| Author(s) | IGN France |
| Published by | IGN France |
| Date of publication | April 2023 |
| Languages(s) of the legend | French and English |
| Copyright | https://geoservices.ign.fr/cgu-licences |
| Abstract / Description | |

A map on a scale of 1: 100,000 (1 cm = 1 km) produced in partnership with the FFvélo to discover the castles of the Loire. The great routes, country tours, the castles of the Loire are two departments very rich in discoveries by bike with several dozen routes and hundreds of kilometers of routes. Good tips, routes classified by difficulty, this map will delight all cycling enthusiasts, from the most novice to the most experienced.



FRI_MP3

| | |
|----------------------------|--|
| Title | Saint Jacques de Compostelle (From Moissac to Roncevaux) bike |
| Scale | 1:100000 |
| Dimensions(mm) | 1430 x 500 |
| Author(s) | IGN France |
| Published by | IGN France |
| Date of publication | March 2023 |
| Languages(s) of the legend | French and English |
| Copyright | https://geoservices.ign.fr/cgu-licences |
| Abstract / Description | This map is produced in partnership with ACIR, the Agency of the Ways of Santiago de Compostela. In addition to the route represented in a very precise way, this map is also a precious help for the planning of the stages thanks to the tourist information and links (where to eat, where to sleep, what to visit.). |



ATLASES

FRI_AT1

| | |
|----------------------------|---|
| Title | Mapping the Anthropocene |
| Author(s) | IGN France |
| Published by | IGN France |
| Date of publication | September 2022 |
| Languages(s) of the legend | French |
| Copyright | Downloadable by anyone |
| Abstract / Description | Through this first atlas, which is intended to become an annual meeting, the IGN presents its maps of the Anthropocene and describes the technological challenges for producing them and mapping the changes. |



PHYSICAL PRODUCTS

FRI_PP1

| | |
|----------------------------|---|
| Title | Vosges Massif |
| Dimensions(mm) | 800 x 1130 |
| Scale | 1:100000 |
| Author(s) | IGN France |
| Published by | IGN France |
| Date of publication | March 2023 |
| Languages(s) of the legend | French |
| Copyright | https://geoservices.ign.fr/cgu-licences |
| Abstract / Description | A range of relief maps, which allows you to discover and understand the landscape of metropolitan France, for example Vosges Massif. Production by thermoforming. |



FR1_PP2

| | |
|----------------------------|--|
| Title | La Réunion |
| Dimensions(mm) | 1130 x 930 |
| Scale | 1:75000 |
| Author(s) | IGN France |
| Published by | IGN France |
| Date of publication | May 2023 |
| Languages(s) of the legend | French |
| Copyright | https://geoservices.ign.fr/cgu-licences |
| Abstract / Description | On-demand inkjet production without limiting heights on La Reunion Island with the cartographic stratoconception (new solution developed by IGN France). |



MAPS PRODUCTS

FRA_MP1

| | |
|----------------------------|---|
| Title | France Van & Camping-car |
| Scale | 1:1000000 |
| Dimensions(mm) | 1320 x 1000 |
| Author(s) | Michelin Éditions |
| Published by | Michelin Éditions |
| Date of publication | April 2022 |
| Languages(s) of the legend | French and English |
| Copyright | Michelin Éditions |
| Abstract / Description | Map of France showing tours and touristic sites, plus service areas for vans and campers. |



FRA_MP2

| | |
|----------------------------|---|
| Title | France Bike |
| Scale | 1:1000000 |
| Dimensions(mm) | 1320 x 1000 |
| Author(s) | Michelin Éditions |
| Published by | Michelin Éditions |
| Date of publication | April 2022 |
| Languages(s) of the legend | French and English |
| Copyright | Michelin Éditions |
| Abstract / Description | Map of France showing tours and touristic sites for biking. |



CHARTS PRODUCTS

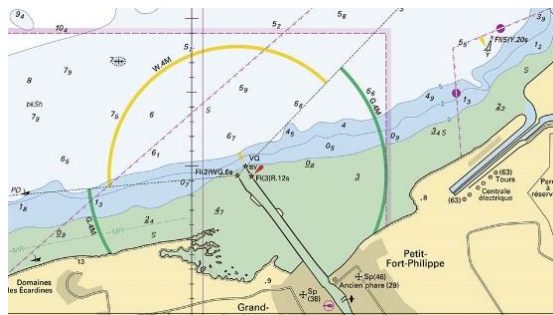
FRA_CP1

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

From Calais to Dunkerque – FR6651

1:43100
1104 x 752
SHOM
SHOM
October 2022
French
SHOM

This chart describes the access to the ports of Calais and Dunkerque (North coast of France) from the traffic separation scheme in The Channel. It charts a particularly complex maritime area due to the high volume of maritime traffic, a depth approaching the ships' draught and the presence of numerous sandbanks. It was produced by a cartographer using data collected from numerous French organisations and acquired by Shom hydrographic vessels.



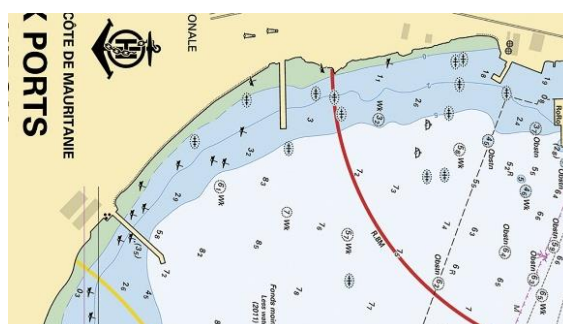
FRA_CP2

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Access to the port of Nouadhibou (Mauritania) – FR7567

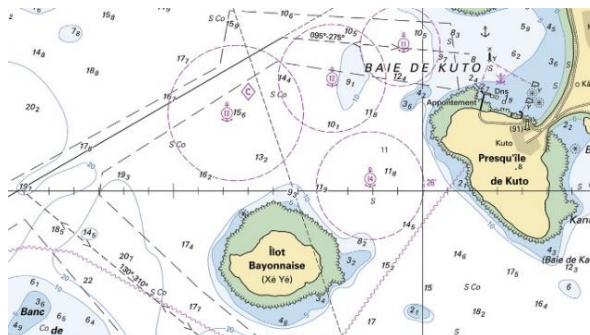
1:22500
749 x 1082
SHOM
SHOM
July 2022
French
SHOM

Following hydrographic surveys carried out in 2015 and 2016 and the creation of a dredged channel to the mineral port of Cansado, Shom has published this chart of the approaches to Nouadhibou (replacing a chart dating from 1942). It is one of 4 new charts published by Shom in this African country (covering Nouadhibou and Nouakchott) to accompany the economic development of this region.



FRA_CP3

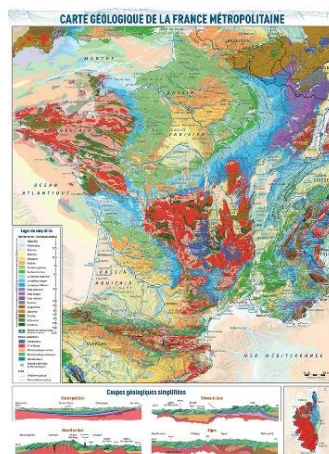
| | |
|----------------------------|---|
| Title | South-western approach to the Île des Pins – FR7763 |
| Scale | 1:25000 |
| Dimensions(mm) | 1096 x 749 |
| Author(s) | SHOM |
| Published by | SHOM |
| Date of publication | November 2022 |
| Languages(s) of the legend | French |
| Copyright | SHOM |
| Abstract / Description | The Île des Pins is located at the southern of New Caledonia, a French territory located 1400 kilometres west of Australia. Appreciated by cruisers because of its beautiful landscapes, the Shom has been working on the re-charting of this island to support the development of its economic activity. The chart was produced by a cartographer using data collected from numerous French organisations and acquired by Shom hydrographic vessels. |



EDUCATIONAL PRODUCTS

FRA_EP1

| | |
|----------------------------|---|
| Title | Jigsaw |
| Dimensions(mm) | 686 x 496 |
| Author(s) | F. Simien, M.-S Putfin |
| Published by | BRGM |
| Date of publication | December 2022 |
| Languages(s) of the legend | French |
| Copyright | BRGM |
| Abstract / Description | This 1,000 pieces jigsaw is a fun and original way to familiarize yourself with the geology of France. It summarizes a fantastic story of two billion years. The map is designed for an easy understanding of the geological organization of the territory due to four cross sections. This allows you to show the incredible richness of French geological diversity. For example, you discover the presence of the largest volcano in Europe (Cantal) and the remains of an asteroid impact which transform the rocks over 20 km in diameter and up to 5 km deep. |



Title
 Dimensions(mm)
 Author(s)
 Published by
 Date of publication
 Languages(s) of the legend
 Copyright
 Abstract / Description

Paris and its surroundings

890 x 630

N. Charles, F. Simien, F. Hanot, F. Quesnel and F. Lacquement

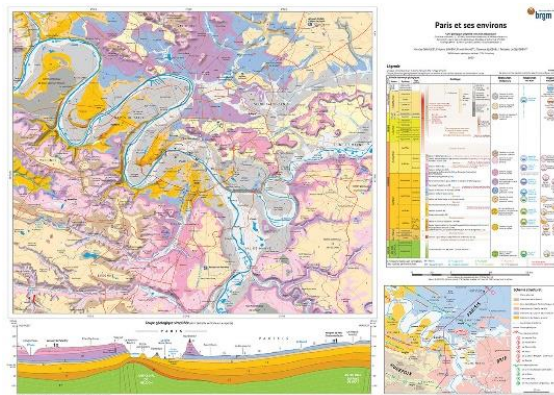
BRGM

December 2022

French

BRGM

This innovative map makes it easy to understand the geometry of underground rocks. It proposes informations about mineral ressources, underground water tables and the areas that may present natural hazards. Compared to classic maps, the presentation of the legend gives an easy reading about chronology of the geological events. A simplified structural diagram accompanies the map and a North-South cross section between the two main airports (Charles-De-Gaulle and Orly) clearly shows the deep structure of the Paris Basin and perfectly illustrates the concept of a witness hill (the butte Montmartre). It is a remarkable new tool for teaching environmental sciences.



DEU_MP1

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Food with protected geographical origin

1:4855547

190 x 190

Leibniz Institute for Regional Geography, Leipzig

Leibniz Institute for Regional Geography, Leipzig

February 2023

German

© Leibniz-Institut für Länderkunde 2023, Nationalatlas aktuell

The map shows where in Germany food has a geographical indication of origin. The division into product categories is illustrated by pictorial symbols. The map has been updated regularly for several years and is presented, for example, at food fairs.



DEU MP2

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Cross-border local public transport

1:4348905

256 x 256

L. Adolphi, W. Sgibnev, T. Weicker

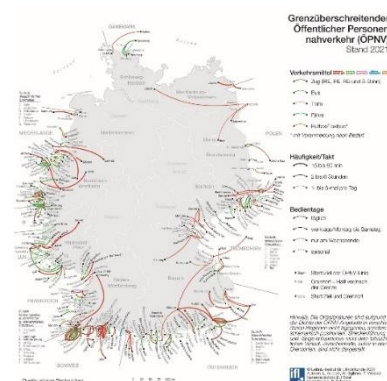
Leibniz Institute for Regional Geography, Leipzig

September 2022

German

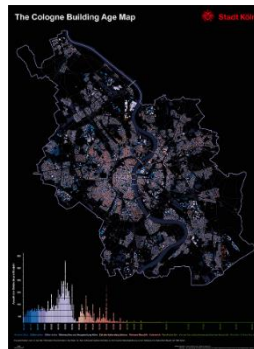
© Leibniz-Institut für Länderkunde 2023, Nationalatlas aktuell

Within Germany, ensuring that the population is adequately served with public transport services is part of the legally anchored provision of public services. But what is the actual situation in the border regions? Are there sufficient cross-border public transport services between Germany and its neighbors? Through extensive research, 179 cross-border connections by regional train, S-Bahn, streetcar, ferry, bus, call cab or cab bus could be found throughout Germany. However, there are considerable regional disparities, as the current interactive overview map makes clear.



DEU_MP3

| | |
|----------------------------|---|
| Title | The Cologne Building Age Map |
| Scale | 1:67700 |
| Dimensions(mm) | 599 x 825 |
| Author(s) | Daria Iurova |
| Published by | Stadt Köln |
| Date of publication | April 2022 |
| Languages(s) of the legend | German |
| Copyright | Stadt Köln – Amt für Liegenschaften, Vermessung und Kataster, ALKIS 2021. Stadt Köln – Amt für Stadtentwicklung und Statistik (Statistisches Informationssystem & Raumbezugssystem), August 2021. |
| Abstract / Description | <p>The Cologne Building Age Map provides a cartographic link between the past and the present. The finished map shows Cologne's urban development from Roman times to the present day. This representation was inspired by a project by Thomas Rhiel called 'Block by Block'. In the choropleth map, buildings are colored by year of construction with a color scheme based on associations, sensations, and feelings. The palette was continuously refined with Adobe Color: Dark shades of green, the color of life and growth for the oldest buildings, yellow-green as a fusion of nature and a newer spirit for the turn of the century, coral colors resembling a fading paradise for the period of the German Empire to the Nazi era, lavender as the fusion of red and blue symbolizes coping with periods of upheaval in life for the time period after the Second World War and darkening shades of blue mirroring sleek and modern corporate logos for the most recent buildings.</p> |



DEU_MP4

| | |
|----------------------------|---|
| Title | Development of Cologne City Center |
| Scale | 1:8750 |
| Dimensions(mm) | 599 x 825 |
| Author(s) | Daria Iurova |
| Published by | Stadt Köln |
| Date of publication | April 2023 |
| Languages(s) of the legend | German |
| Copyright | Stadt Köln – Amt für Liegenschaften, Vermessung und Kataster, ALKIS 2021. Stadt Köln – Amt für Stadtentwicklung und Statistik (Statistisches Informationssystem & Raumbezugssystem), August 2021. |
| Abstract / Description | <p>This map shows Cologne's historic city center in a more detailed view with an adapted colour scheme.</p> |



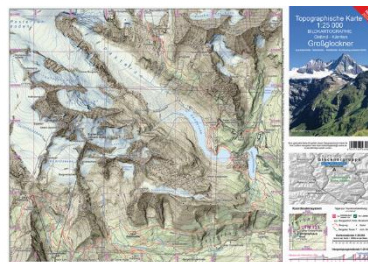
DEU_MP5

| | |
|----------------------------|---|
| Title | Mount Everest - Solu Khumbu |
| Scale | 1:50000 |
| Dimensions(mm) | 1100 x 810 |
| Author(s) | Alexander Klaus |
| Published by | Deutscher Alpenverein & Association for comparative high mountain research |
| Date of publication | July 2023 |
| Languages(s) of the legend | German and English |
| Copyright | Deutscher Alpenverein & Association for comparative high mountain research |
| Abstract / Description | New edition of the map 0/2 Chomolungma- Mount Everest of the German Alpine Club on the occasion of the 70th anniversary of the first ascent of Mount Everest. |



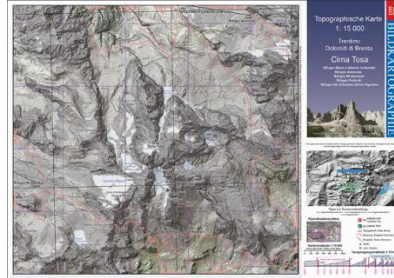
DEU_MP6

| | |
|----------------------------|--|
| Title | Großglockner |
| Scale | 1:25000 |
| Dimensions(mm) | 210 x 420 |
| Author(s) | Herbert Winkler; Alexander Klaus |
| Published by | Bildkartographie |
| Date of publication | January 2023 |
| Languages(s) of the legend | German |
| Copyright | Bildkartographie |
| Abstract / Description | High-mountain map of the Grossglockner (Austria) using up to date, high resolution terrain models. New, graphic approach to cartographic rock representation and relief rendering. |



DEU_MP7

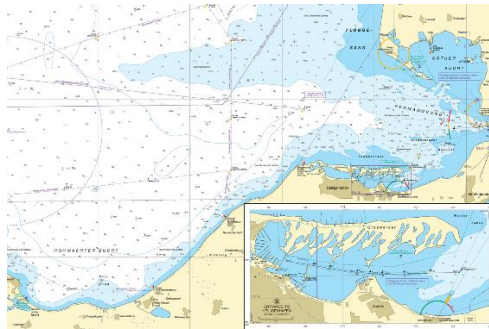
| | |
|----------------------------|--|
| Title | Brenta |
| Scale | 1:15000 |
| Dimensions(mm) | 210 x 420 |
| Author(s) | Herbert Winkler; Alexander Klaus |
| Published by | Bildkartographie |
| Date of publication | June 2023 |
| Languages(s) of the legend | German |
| Copyright | Bildkartographie |
| Abstract / Description | High-mountain map of Cima Tosa (Italy) using high-fidelity, high-resolution laserscanning surface models. The relief rendering is based on the natural coloring. |



CHARTS PRODUCTS

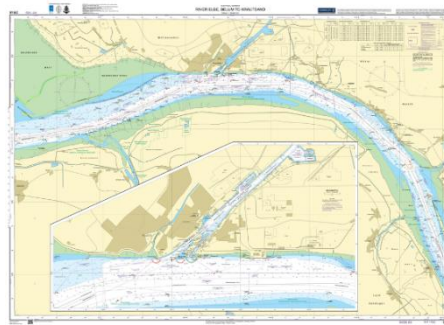
DEU_CP1

| | |
|----------------------------|--|
| Title | DE43 Gabelsflach to Fehmarnsund (Fehmarn Sound) |
| Scale | 1:50000 |
| Dimensions(mm) | 841 x 1189 |
| Author(s) | Bundesamt für Seeschifffahrt und Hydrographie |
| Published by | Published jointly by Bundesamt für Seeschifffahrt und Hydrographie, Hamburg · Rostock and by the UK Hydrographic Office, Taunton |
| Date of publication | January 2023 |
| Languages(s) of the legend | English |
| Copyright | All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without prior written permission of publisher. |
| Abstract / Description | This chart is part of the INT chart series established by the International Hydrographic Organization (IHO). Like all official charts produced by Bundesamt für Seeschifffahrt und Hydrographie it uses the internationally standardized chart symbols published as INT 1. The charts' format is DIN A0. To accommodate the needs of the user group (large vessel shipping) chart content in waters shallower than 5m is reduced. The chart can be used for navigation in the deep draught Kiel-Baltic Sea-Route from Fehmarnbelt via Kieler Bucht (Kiel Bight) to Kiel Lighthouse. An additional 15m depth contour is shown for this purpose. |



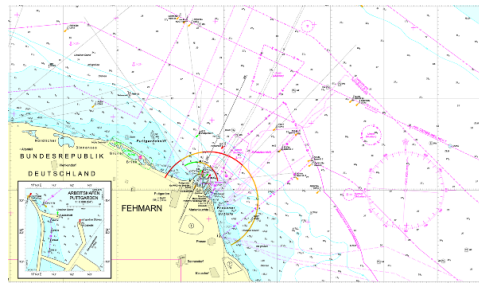
DEU_CP2

| | |
|----------------------------|--|
| Title | DE46 River Elbe, Belum to Krautsand |
| Scale | 1:30000 |
| Dimensions(mm) | 1189 x 841 |
| Author(s) | Bundesamt für Seeschifffahrt und Hydrographie |
| Published by | Published jointly by Bundesamt für Seeschifffahrt und Hydrographie, Hamburg · Rostock and by the UK Hydrographic Office, Taunton |
| Date of publication | June 2022 |
| Languages(s) of the legend | English |
| Copyright | All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without prior written permission of publisher |
| Abstract / Description | This chart is part of the INT chart series established by the International Hydrographic Organization (IHO). Like all official charts produced by Bundesamt für Seeschifffahrt und Hydrographie it uses the internationally standardized chart symbols published as INT 1. The charts' format is DIN A0. To accommodate the needs of the user group (large vessel shipping) chart content in waters shallower than 5m is reduced. This chart emphasizes the narrowness of the passage into the Kiel Canal and along the River Elbe. Radar-assisted navigation helps to provide safety for navigation in this traffic-heavy area. |



DEU_CP3

| | |
|----------------------------|---|
| Title | 2210 Fehmarnbelt |
| Scale | 1:50000 |
| Dimensions(mm) | 594 x 841 |
| Author(s) | Bundesamt für Seeschifffahrt und Hydrographie |
| Published by | Bundesamt für Seeschifffahrt und Hydrographie Hamburg · Rostock |
| Date of publication | January 2023 |
| Languages(s) of the legend | German |
| Copyright | All Rights reserved. This chart includes copyrighted material published with the permission of the Hydrographic Office of Denmark. |
| Abstract / Description | This chart is part of the German national chart series. This series supplements the INT chart series and provides more detailed information in coastal areas and estuaries. It is especially tailored to smaller non SOLAS ships operating in German waters. The charts' format is DIN A1. Usually charts in the Baltic Sea are published every 7 years due to insignificant bathymetry changes. This chart is an exception because in the depicted area the new Fehmarnbelt tunnel is being built which leads to frequent changes in buoyage positions and areas that have navigation restrictions. |



DEU_CP4

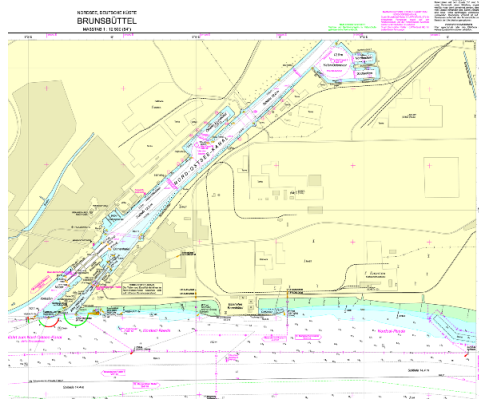
Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

1711 Brunsbüttel

1:12500
594 x 841
Bundesamt für Seeschifffahrt und Hydrographie
Bundesamt für Seeschifffahrt und Hydrographie Hamburg · Rostock
May 2022
German
All Rights reserved.

This chart is part of the German national chart series. This series supplements the INT chart series and provides more detailed information in coastal areas and estuaries. It is especially tailored to smaller non SOLAS ships operating in German waters. The charts' format is DIN A1.

This chart shows the entrance to Kiel Canal, one of the world's busiest water ways, which provides a shortcut for shipping routes connecting the important deep water ports in the Baltic and the North Sea.



DEU_CP5

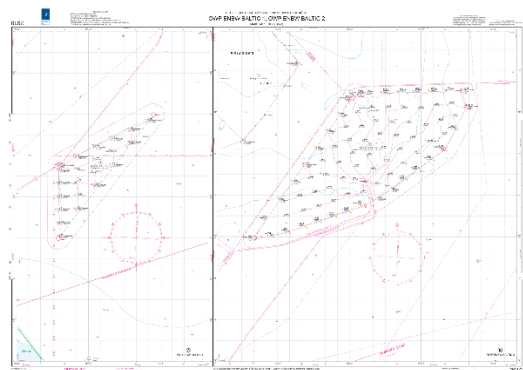
Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

2610 OWP EnBW Baltic 1, OWP EnBW Baltic 2

1:30000
594 x 841
Bundesamt für Seeschifffahrt und Hydrographie
Bundesamt für Seeschifffahrt und Hydrographie Hamburg · Rostock
April 2022
German

All Rights reserved. This chart includes copyrighted material published with the permission of the Hydrographic Offices of Denmark and Sweden.

Charts depicting offshore wind parks (OWP) including the wind energy devices, their lights, connecting cables and platforms form an important part of the official German chart portfolio. They are essential for maintenance of the OWP and safe navigation in its surroundings. To support navigation charts depicting areas far from the coast show an additional denser grid.



STORY MAPS

DEU_SM1

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Weather Extreme

Mapbox, ReactJS

Tim Hörnig

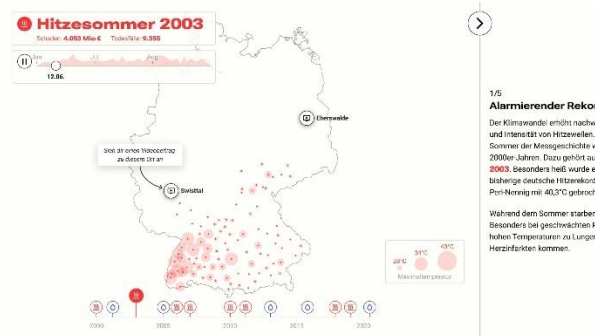
Tim Hörnig

February 2023

English

Mapbox, ReactJS

Climate change has a direct impact on the intensity and frequency of heavy rainfall and heat waves. This story map shows extreme weather events between 2000 and 2021 caused by high temperatures and precipitation. The data comes from the German Weather Service and a study on climate damage commissioned by the German Federal Ministry of Economics and Climate Protection.



DIGITAL PRODUCTS AND SERVICES

DEU_DPS1

Title
Type
Operating System
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Possibilities of an interactive VR map, on the example of Berlin Mitte, Germany

Application

Windows 10, VR capable computer + HTC-VIVE glasses

Helge Olberding

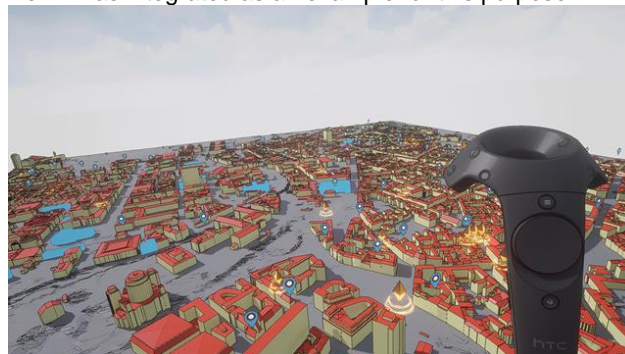
THWS

July 2023

English

THWS

The VR application is an exemplary attempt to implement different cartographic signatures and styles into an interactive VR Glasses environment. For this purpose, automated tools were developed to create an adaptable application. Free data from Berlin was integrated as an example for this purpose.



PHYSICAL PRODUCTS

DEU_PP1

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Potsdams Cobblestones

220 x 220
Theresa Rohrberg; Klara Lange
Fachhochschule Potsdam
September 2022
German
Fachhochschule Potsdam

For the map Potsdams districts have been scaled into a very rough grid of squares. Using Open Street Maps data of Potsdam's road surfaces, the resulting squares, which we call "cobblestones" were assigned a categorical path surface depending on what is located at that geographic location and a personal assessment of the importance of some surfaces at their geographic location (e.g. sports fields). This resumed in seven different surfaces on over 550 cobblestones. The categories are in order of frequency: asphalt, ground, water, cobblestones, gravel, paving stones, and sports field surfaces. The cobblestone models were digitally modeled for each category, then 3D printed, molded in silicone, and replicated in plaster stone in large numbers.



DEU_PP2

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Time Torch

300 x 300
Milan Wulf
Milan Wulf (University of Applied Sciences Potsdam)
March 2023
German
Milan Wulf (University of Applied Sciences Potsdam)

Time Torch is a concept for an interactive video installation for physical city models. Using real-time processing and computer vision, users can interact with the model in real time with the help of a laser. The prototype is based on a 20sqm city model showing Berlin around 1750, located in the Stadtmuseum Berlin. The project was created as part of a course at the Potsdam University of Applied Sciences and is designed to promote playful learning, targeting both explorers and facilitators.



MAPS PRODUCTS

HUN_MP1

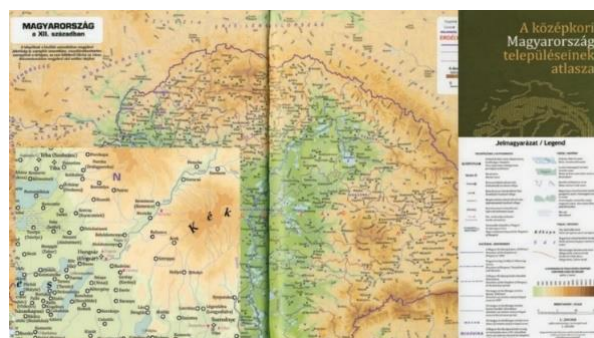
| | |
|----------------------------|--|
| Title | Ciucului Mountains and the Ghimes (tourist map) |
| Scale | 1:65000 |
| Dimensions(mm) | 680 x 480 |
| Author(s) | Fodor Andrea; Kováts Zsolt; Xantus Juliánna; Xantus László; Zsigmond Enikő |
| Published by | DIMAP |
| Date of publication | May 2022 |
| Languages(s) of the legend | Hungarian, Romanian, English and German |
| Copyright | ©DIMAP. The map can be redistributed or reproduced only with the legal authorization given by the DIMAP company |
| Abstract / Description | Ciucului Mountains is a part of the Eastern Carpathians. This land is part of Szekler Land in Romania, where a considerable Hungarian minority (over 85 % of population) lives. Our purpose is to provide traditional geographic names for future generations. |



ATLASES

HUN_AT1

| | |
|----------------------------|--|
| Title | Settlement Atlas of Medieval Hungary |
| Dimensions(mm) | 334 x 240 |
| Number of pages | 204 |
| Author(s) | Dr. István Klinghammer; Imre Faragó; György Lelkes; Dr. Krisztina Irás; Mátyás Magyar; Enikő Szabó; Csaba Varga |
| Published by | Hungarian Corvin Chain Board |
| Date of publication | July 2022 |
| Languages(s) of the legend | Hungarian and English |
| Copyright | The atlas cannot be redistributed or reproduced without the official authorization of the authors and Hungarian Corvin Chain Board |
| Abstract / Description | The Settlement Atlas of Medieval Hungary covers the period from 1000 to 1526 (Middle Ages of Hungary). It is formed by 64 maps made with QGIS, including 22 667 place names visualised with map symbols and translated into the modern Hungarian language. |



STORY MAPS

HUN_SM1

| | |
|----------------------------|--|
| Title | Five story maps about Hungarian writers and poets |
| Software | ArcGIS Online, ArcGIS StoryMaps |
| Author(s) | José Jesús Reyes Nunez; Krisztina Irás |
| Published by | BIO-MAPS research project & Eötvös Loránd University |
| Date of publication | January 2023 |
| Languages(s) of the legend | Spanish |
| Copyright | The storymaps are freely accessible on the web, however interested people should ask for permission before using or reproducing it or any of its components |
| Abstract / Description | Storymaps are part of the "Biographical Map Library of European authors, BIO-MAPS" Erasmus project and present Hungarian writers & poets taught in secondary schools and translated to Spanish, for its use in bilingual schools and Spanish-spoken countries. |



DIGITAL PRODUCTS AND SERVICES

HUN_DSS1

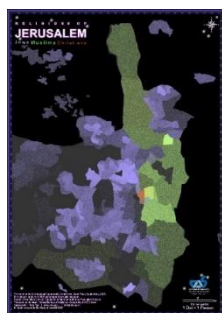
| | |
|----------------------------|---|
| Title | Stone circuses in Europe |
| Software | Web Map; application |
| Operating System | Windows: The map is based on a 3D surface, on which the C-shaped cones show the location of the circuses. Their color indicates the original function of the buildings and whether the building is still standing. |
| Author(s) | Katalin Dr. Molnár-Zsoldi; József Balogh |
| Published by | National Circus Arts Centre Nonprofit Ltd |
| Date of publication | January 2022 |
| Languages(s) of the legend | English and Hungarian |
| Copyright | The product can be reproduced and used only after the legal authorization of the authors |
| Abstract / Description | The online 3D map was made for the Budapest Circus Festival to present the European history of stone circuses. By clicking on the pictograms, a description and a picture of the circus open. It was designed for a touchscreen TV and for control by gestures. |



MAPS PRODUCTS

ISR_MP1

| | |
|-----------------------------------|---|
| Title | Religions of Jerusalem |
| Scale | 1:17500 |
| Dimensions(mm) | 1189 x 841 |
| Author(s) | Oren Raz |
| Published by | Israeli Central Bureau of Statistics |
| Date of publication | December 2021 |
| Languages(s) of the legend | English |
| Copyright | All rights reserved to the State of Israel © 2023 |
| Abstract / Description | Dot density maps do a wonderful job in depicting raw population data. Jerusalem's population density and religions are mapped by statistical areas, depicting a distinct geographic division between the different religions in the city. With 1 dot representing 1 person, this map has about 1 million dots in it. Without any labels, this illuminous firefly design tells a story of contemporary demographic reality in Jerusalem. |



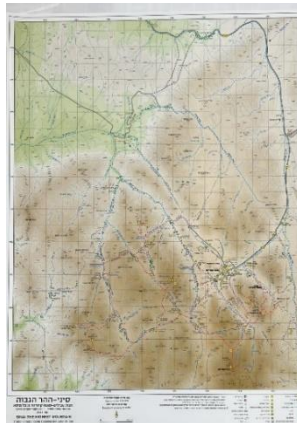
ISR_MP2

| | |
|-----------------------------------|--|
| Title | State of Israel - Peripherality Index |
| Scale | 1:1100000 |
| Dimensions(mm) | 1189 x 841 |
| Author(s) | Oren Raz |
| Published by | Israeli Central Bureau of Statistics |
| Date of publication | May 2023 |
| Languages(s) of the legend | English |
| Copyright | All rights reserved to the State of Israel © 2023 |
| Abstract / Description | A peripheral area is defined as an area far from opportunities (such as markets, places of employment and health services), from activities (such as work, studies, shopping and leisure) or properties that exist in all areas, including the area itself. The peripherality index was built and mapped in accordance with this definition, with the aim of characterizing the localities and local authorities according to their geographical location in the range between the most peripheral and the most central. The value of the index is calculated as a weighted sum of two components: accessibility Attests to the strength of the options, activities and assets in the settlement. The element of proximity to the border of the Tel Aviv district expresses the structure. The monocentric of the State of Israel, where the Tel Aviv district is an economic and business center of the state. The low value of the index indicates the most peripheral settlement, and the high value - the most central settlement. |



ISR_MP3

| | |
|----------------------------|--|
| Title | SINAI – THE HIGHEST MOUNTAIN - Trekking map - Santa Catarina And Jebel Mussa |
| Scale | 1:38000 |
| Dimensions(mm) | 680 x 500 |
| Author(s) | Avigdor Orgad |
| Published by | Orgad Maps |
| Date of publication | May 2023 |
| Languages(s) of the legend | Hebrew |
| Copyright | All rights reserved to Avigdor Orgad © May 2023 |
| Abstract / Description | Trekking map of the trails in highest mountain in the Sinai Peninsula (Egypt), which attracts many Israeli hikers. Includes POI's, facilities, accommodations and precise topographical depiction. |



ISR_MP4

| | |
|----------------------------|--|
| Title | Israel -Topographic Map |
| Scale | 1:450000 |
| Dimensions(mm) | 1000 x 700 |
| Author(s) | Survey of Israel |
| Published by | Survey of Israel |
| Date of publication | January 2023 |
| Languages(s) of the legend | English |
| Copyright | All rights reserved to the Survey of Israel © 2023 |
| Abstract / Description | Physical map of Israel including bathymetric measurements. |



CHARTS PRODUCTS

ISR_CP1

| | |
|----------------------------|---|
| Title | MEDITERRANEAN SEA – ISRAEL -Rosh Ha-Nikra to Kesarya |
| Scale | 1:100000 |
| Dimensions(mm) | 737 x 575 |
| Author(s) | Survey of Israel / Hydrographic Division |
| Published by | Survey of Israel / Administration of Shipping & Ports |
| Date of publication | May 2017 |
| Languages(s) of the legend | Hebrew and English |
| Copyright | All rights reserved to the Survey of Israel © 2023 |
| Abstract / Description | A Nautical Charting. The northern sheet (No. 21 Edition 2) - one of three covering the entire Israeli Mediterranean waters at 1:100,000 scale. The chart is Bi-lingual showing legend and information in both Hebrew and English. |



ATLASES

ISR_AT1

| | |
|----------------------------|--|
| Title | THE LEBANON WAR ("PEACE FOR THE GALILLE" CAMPAIGN) MAPS AND OPERATIONS JUNE-SEPTEMBER 1982 |
| Dimensions(mm) | 327 x 236 |
| Number of pages | 216 |
| Author(s) | Editor and Head Writer - Dr. Ma'or Levy. Co-writers – Col. (Res.) Dr. Cochavi Azran; Lt. Col. Dr. Dan Barak; Lt. Col. (Res.) Dr. Dotan Druck; R. Adm. (Ret.) Dr. Arie Rona. |
| Published by | Israel Ministry of Defense – Publication House and the IDF (Israel Defense Forces) History Department |
| Date of publication | June 2022 |
| Languages(s) of the legend | Hebrew |
| Copyright | All rights reserved to the Ministry of Defense, Israel © 2023 |
| Abstract / Description | This Atlas is the first in a future set of atlases that will cover the official history of the IDF, namely its performance in Israel's wars. The atlas uses newly released classified documents, maps, photographs and battle charts. The maps types include topographic, aerial photos and historical tactical maps, and makes vast use of military cartography to depict the war's course and events. After 40 years, there is still little information available to the public about this war. The maps, alongside a textual review of the events, the battles and the strategical directives, shed new light on this campaign. |



ISR_AT2

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Israeli Online Statistical Thematic Atlas

Oren Raz
Israeli Central Bureau of statistics
May 2023
English
All rights reserved to the State of Israel © 2023

The Thematic Atlas includes thematic maps which present the spatial distribution of demographic, social, and economic statistics. The maps are designed to provide a general perspective of the phenomenon being presented, from national distribution to the smallest geographic and administrative divisions. The maps provide illustrations of the statistical data at all of these levels and are thus a useful tool for the CBS's broad target audience, which includes researchers, university students, pupils, and the public at large.

This Atlas is in PDF format, and can be downloaded free of charge, along with the map's data as Excel spreadsheets.



ISR_AT3

Title
Dimensions
Number of pages
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

BRAWER ATLAS – Israeli Schools Atlas

330 x 236
106
Moshe BRAWER & Haim SREBRO
Yavneh Publishing House Ltd.
January 2023
Hebrew

It is strictly forbidden to use material from this atlas in any publication. All rights reserved to Yavneh Publishing House LTD, Tel Aviv. All rights to the base maps of Israel are reserved to the Survey of Israel and are licensed to the publisher.

Abstract / Description

This is an Israeli school atlas. It contains 72 pages of maps, including more than 110 maps. Over 40 maps are dedicated to Israel and 12 are dedicated to the Middle East. The atlas includes an index of geographical names. It contains updated geographical information regarding states, cities, the world, continents, oceans, seas, lakes, rivers, islands, mountains and deserts. The maps of Israel were prepared in cooperation with the Survey of Israel. The maps of the world were prepared in cooperation with Holzel Verlag. This atlas features a soft cover, to reduce weight in backpacks.



ISR_AT4

Title
Dimensions
Number of pages
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

BRAWER ATLAS – The New Israeli University Atlas

330 x 236

226

Moshe BRAWER & Haim SREBRO

Yavneh Publishing House Ltd.

January 2023

Hebrew

It is strictly forbidden to use material from this atlas in any publication. All rights reserved to Yavneh Publishing House LTD, Tel Aviv. All rights to the base maps of Israel are reserved to the Survey of Israel and are licensed to the publisher.

Abstract / Description

This is a physical-political-economical-historical university atlas that also serves the higher classes of high school and the general public. It contains 165 pages of maps, including more than 300 maps. Over 50 pages of maps are dedicated to Israel and 16 are dedicated to the Middle East. The atlas includes a geographical name index of 20,000 geographical names. It contains updated geographical information regarding states, cities, the world, continents, oceans, lakes and rivers. The maps of Israel were prepared in cooperation with the Survey of Israel. The maps of the world were prepared in cooperation with Holzel Verlag.



DIGITAL PRODUCTS AND SERVICES

ISR_DSS1

Title
Type
Operating System
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

GISrael CARTO database Atlas

Geo server, any known GIS formats

Windows, MacOS, Linux, Android, iOS

MAPA – Mapping and Publishing

MAPA – Mapping and Publishing

May 2023

English

© GISrael GIS - The leading and most experienced geographic information database in Israel

Abstract / Description

GISrael CARTO database offers a perfect solution for the emerging market of SatNav, GIS and LBS, raster and vector maps. Our database provides the most accurate, comprehensive, reliable and up-to-date information, all on a single user-friendly platform.



EDUCATIONAL PRODUCTS

ISR_EP1

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Map of Israel for the Blind

17 x 14
Nadav Raz
Nadav Raz
January 2022
None.
None

Any home 3D printer can do this – Go to any terrain to stl website, zoom in to your area of interest, set your desired exaggeration and download a .stl file. Send the file to your printer to receive a physical relief model that can be used for educational purposes.



PHYSICAL PRODUCTS

ISR_PP1

Title
Dimensions(mm)

Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

The Israel National Trail - Field Map Compendium

297 x 210

Society for the Protection of Nature in Israel; Cartography – Reuven and Tamar Soffer.

Society for the Protection of Nature in Israel

January 2022

Hebrew

All rights reserved to the Society for the Protection of Nature in Israel © 2023

The Israel National Trail is a hiking trail 1,050 km long, crossing Israel from north to south. The trail passes through significant POI's and nature reserves and is divided into 54 parts, each one of them suitable for full day's hike.

Sure, Navigation apps are great, but what if you run out of battery? Break your screen? Paper maps are your backup!

The Compendium matches the hiking segments – each one of the 27 light-weighted and two-sided sheets depict maps of two trail parts, spread out to a A4 size and fold to a convenient pocket size. Total weight – 300 grams!



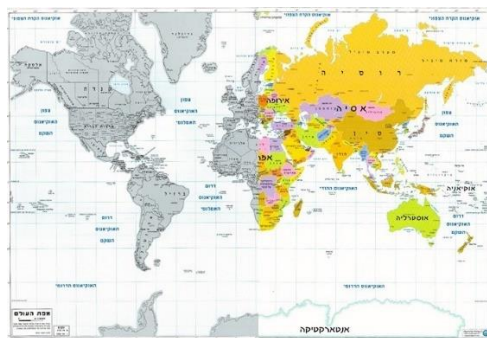
ISR_PP2

| | |
|----------------------------|--|
| Title | Israel's Hiking Trails Map Set |
| Dimensions(mm) | 985 x 675 |
| Scale | 1:50000 |
| Author(s) | Survey of Israel; Society for the Protection of Nature in Israel |
| Published by | Society for the Protection of Nature in Israel |
| Date of publication | May 2023 |
| Languages(s) of the legend | Hebrew |
| Copyright | All rights reserved to the Survey of Israel and Society for the Protection of Nature in Israel © 2023 |
| Abstract / Description | Field marking of hiking trails in Israel cover thousands of kilometers, helping hikers navigate safely. This map set consists of 17 laminated maps that cover the entire State of Israel at a scale of 1:50,000. The base map is a topographic map, with precise mapping of the hiking trails that are marked in the field. The trail's colors in the map are identical to the colors they are marked with in the field. The set also depicts regional trails such as the Israel National Trail, Golan Trail, Coast to Coast (Mediterranean to Sea of Galilee), Ramon Makhtesh (Crater) Traverse and more. |



ISR_PP3

| | |
|----------------------------|--|
| Title | Traveler's World Scratch Map |
| Dimensions(mm) | 680 x 480 |
| Scale | 1:48000000 |
| Author(s) | Avigdor Orgad |
| Published by | Orgad Maps |
| Date of publication | December 2020 |
| Languages(s) of the legend | Hebrew |
| Copyright | All rights reserved to Avigdor Orgad © 2023 |
| Abstract / Description | Don't scratch your head to remember what countries you've been to – get this paper world map covered with a scratchable coating. When scratched off, country by country, the base map is revealed. Keep track of your travels, on a map of course! |



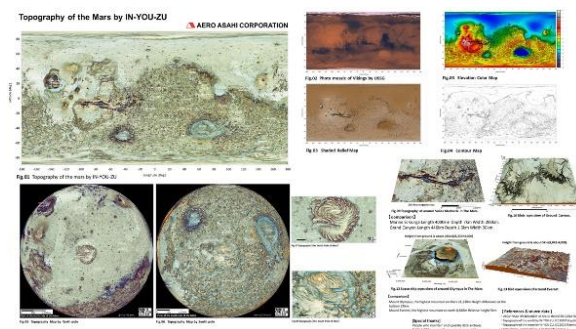
| | |
|----------------------------|---|
| Title | World Map Ping Pong Ball |
| Dimensions(mm) | 40 x 40 |
| Scale | 1:50000 |
| Author(s) | The Center for Nanoscience and Nanotechnology, Hebrew University in Jerusalem |
| Published by | The 3D & Functional Printing Center |
| Date of publication | June 2023 |
| Languages(s) of the legend | None |
| Copyright | All rights reserved to The Center for Nanoscience and Nanotechnology, Hebrew University in Jerusalem © 2023 |
| Abstract / Description | Do you like playing ping pong? Now you can play with a ball with a world map printed on it. The Nanotechnology Center at the Hebrew University in Jerusalem used an Optomec 3D printer to depict a world map on a ping pong ball. Using all of its 5 different axes, the printer can turn any 3D object in any direction, while printing on it. A winning combination between nanotechnology and cartography. Don't forget - always keep your eyes in the ball! |



MAPS PRODUCTS

JPN_MP1

| | |
|----------------------------|---|
| Title | Topography of the Mars by IN-YOU-ZU |
| Scale | 1:50000 |
| Dimensions(mm) | 1189 x 841 |
| Author(s) | SAKAI Takuya, AKIYAMA Yukihide |
| Published by | AERA ASAHI CORPORATION |
| Date of publication | April 2023 |
| Languages(s) of the legend | English |
| Copyright | No copying of any kind is permitted |
| Abstract / Description | This map uses NASA's open data to create the terrain of Mars using IN-YO-ZU method. IN-YO-ZU is a technology that captures the shape of the terrain as a wavelength and expresses the undulations of the terrain by waveform analysis. In this figure, it can be confirmed that various large and small craters are clearly expressed, and that new craters remain in the polar regions where the ice sheets have developed. On the other hand, Mt. Olympus is expressed as if the earth and sand were swept in the same direction and accumulated under the influence of the wind. |



JPN_MP2

| | |
|----------------------------|---|
| Title | 2023 Calendar. The World Map: Let's think about food in the world. |
| Scale | 1:44000000 |
| Dimensions(mm) | 594 x 841 |
| Author(s) | Tokyo Cartographic Co., Ltd. |
| Published by | Tokyo Cartographic Co., Ltd. |
| Date of publication | December 2022 |
| Languages(s) of the legend | Japanese |
| Copyright | Copyrights All Reserved |
| Abstract / Description | This map is made with the "Eckert IV projection", which is an equal-area projection that accurately compares the size of any area. The map also shows eight azimuths and equidistant lines every 1,000 km from Tokyo to show the distortion caused by representing the earth on a flat surface. The map shows how much food can be supplied per person per day, color-coded by country in terms of food energy supply (kcal: kilocalories). It can be seen that there is a food bias in the world due to various factors such as economic and social conditions in different countries. |



JPN_MP3

| | |
|----------------------------|--|
| Title | ISE-SHIMA MIE Transport Ministers' Meeting Map 「Ise-Shima |
| Scale | 1:200000 |
| Dimensions(mm) | 420 x 594 |
| Author(s) | Geospatial Information Authority of Japan |
| Published by | Geospatial Information Authority of Japan |
| Date of publication | June 2023 |
| Languages(s) of the legend | Japanese and English |
| Copyright | No secondary or partial use of the topographic map is permitted. |
| Abstract / Description | This topographic map was made to commemorate the G7 Transport Ministers' Meeting in Ise-Shima, Mie. A-side topographic map on a scale of 1:200,000 and B-side on a scale of 1:25,000 depict the surroundings of Ise City. In addition, the inset of Ise Jingu (shrine) was placed on the lower right of A-side. The annotations are written in both English and Japanese for ease of use by visitors to Japan. |



JPN_MP4

| | |
|----------------------------|---|
| Title | KAGAWA TAKAMATSU Sustainable Urban Development |
| Scale | 1:200000 |
| Dimensions(mm) | 420 x 594 |
| Author(s) | Geospatial Information Authority of Japan |
| Published by | Geospatial Information Authority of Japan |
| Date of publication | July 2023 |
| Languages(s) of the legend | Japanese and English |
| Copyright | No secondary or partial use of the topographic map is permitted. |
| Abstract / Description | This topographic map was made to commemorate the G7 Sustainable Urban Development Ministers' Meeting in Takamatsu, Kagawa. A-side topographic map on a scale of 1:200,000 and B-side on a scale of 1:25,000 depict the surroundings of Takamatsu City. In addition, the inset of Naoshima was placed on the upper right of A-side. The annotations are written in both English and Japanese for ease of use by visitors to Japan. |



JPN_MP5

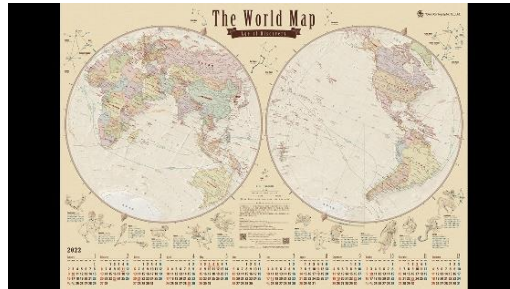
Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

2022 Calendar. The World Map: Age of Discovery

1:45000000
594 x 841
Tokyo Cartographic Co., Ltd.
Tokyo Cartographic Co., Ltd.
December 2021

Japanese
Copyright All Reserved

This map was created using "The Lambert azimuthal equal-area projection", which is a map with the correct area and azimuth from the center of the map to any one point. The theme was "Age of Discovery," expressing the history of voyages made while investigating one's own position through astronomical observations. The calendar features the zodiac signs, "Polaris," the reference star in the night sky, "the Big Dipper" and "Cassiopeia," which provide clues to finding the Polaris, and "Summer Triangle" and "Winter Triangle".



JPN_MP6

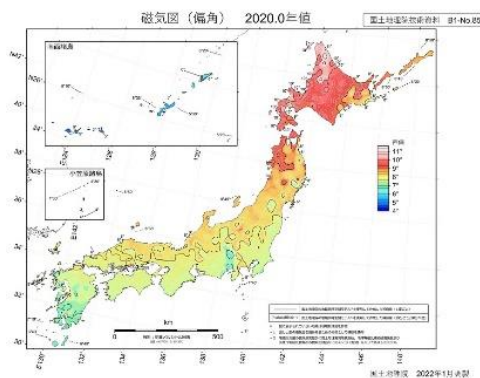
Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Geomagnetic charts of Japan (Declination) values for 2020.0

Physical Geodesy Division, Geodetic Department
Geospatial Information Authority of Japan
February 2022
Japanese

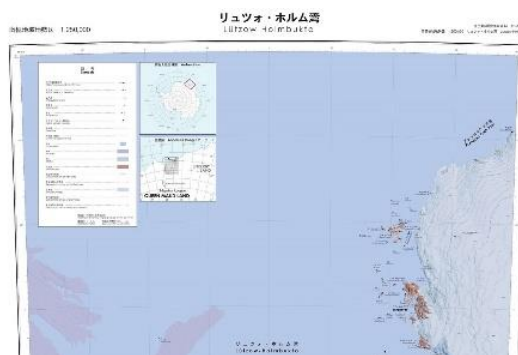
https://www.gsi.go.jp/ENGLISH/page_e30286.html

Declination is the angle of deviation between north as indicated by the magnetic compass and the geographical north as indicated on a map. In Japan, the magnetic compass north is biased westward, and currently about 8 degrees west in Tokyo. The geomagnetic field changes with location and time, and the declination in Tokyo around 1800 is estimated to be almost 0 degrees. The Geospatial Information Authority of Japan measures the geomagnetic field throughout Japan and has periodically published geomagnetic charts showing its distribution since 1970.



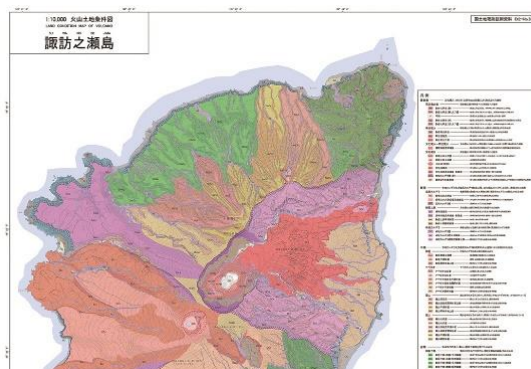
JPN_MP7

| | |
|----------------------------|---|
| Title | Antarctic Topographic Map 1:250,000 Lütso-Holm Bay |
| Scale | 1:250000 |
| Dimensions(mm) | 1189 x 841 |
| Author(s) | Geospatial Information Authority of Japan |
| Published by | Geospatial Information Authority of Japan |
| Date of publication | January 2022 |
| Languages(s) of the legend | Japanese |
| Copyright | Reproduction forbidden https://www.gsi.go.jp/ENGLISH/page_e30286.html |
| Abstract / Description | This 1:250,000 scaled map was compiled using topographic maps made in the past, satellite images and elevation data. For the topographical representation, in addition to contours, shading representations made from elevation data were also added. For glaciers, the representation was made using satellite images of actual glaciers. As for geographical names, in addition to Japanese text, geographical names in the language of the country that named the corresponding place are also listed. (Geographical names named by Japan were written in both Japanese and romanized Japanese.) |



JPN_MP8

| | |
|----------------------------|--|
| Title | Land Condition Map of Volcano "Suwanose jima" |
| Scale | 1:10000 |
| Dimensions(mm) | 1189 x 841 |
| Author(s) | Geospatial Information Authority of Japan |
| Published by | Geospatial Information Authority of Japan |
| Date of publication | March 2023 |
| Languages(s) of the legend | Japanese |
| Copyright | https://www.gsi.go.jp/ENGLISH/page_e30286.html Information Authority of Japan |
| Abstract / Description | Geospatial Information Authority of Japan publishes Land Condition Map of Volcano that depicts classification of the volcanic material distribution (lava flows, pyroclastic flows, pyroclastic hills, debris avalanches, etc.) that was caused by previous volcanic activity. This map is Land Condition Map of Volcano "Suwanose jima"(released in Mar. 2023). |



JPN_MP9

| | |
|----------------------------|---|
| Title | 1 : 25,000 Active Fault Map "Chino Kaiteiban" "Itoigawa-Shizuoka Fault Zone and its vicinity" |
| Scale | 1:25000 |
| Dimensions(mm) | 788 x 1091 |
| Author(s) | Geospatial Information Authority of Japan |
| Published by | Geospatial Information Authority of Japan |
| Date of publication | January 2022 |
| Languages(s) of the legend | Japanese |
| Copyright | https://www.gsi.go.jp/ENGLISH/page_e30286.html |
| Abstract / Description | The Geospatial Information Authority (GSI) conducted a tectonic geomorphological survey along the central part of the Itoigawa-Shizuoka Tectonic Line (ISTL) fault zone, which is a major active fault zone in Japan and has a high risk of earthquake disasters. The survey was based on aerial photograph interpretation, field surveys, and high-resolution digital elevation models (DEM) from airborne LiDAR data. The result was summarized as "1:25,000 Active Fault Map" and released in September 2022. This map shows not only major known active fault but also the newly confirmed fault-related deformations." |



PHYSICAL PRODUCTS

JPN_PP1

| | |
|----------------------------|---|
| Title | Products designed with a map: Paste and learn, Map of Japan and sticker set |
| Dimensions(mm) | 297 x 210 |
| Author(s) | Tokyo Cartographic Co., Ltd. |
| Published by | Tokyo Cartographic Co., Ltd. |
| Date of publication | January 2022 |
| Languages(s) of the legend | Japanese |
| Copyright | Copyrights All Reserved |
| Abstract / Description | Paste and learn, Map of Japan and sticker set. You can have fun while learning by putting stickers with illustrations of famous products of each prefecture, etc. on the Japanese map poster. |



JPN_PP2

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Products designed with a map: Paste and learn, World Map and sticker set
297 x 210
Tokyo Cartographic Co., Ltd.
Tokyo Cartographic Co., Ltd.
June 2022
Japanese
Copyrights All Reserved
You can have fun while learning by putting stickers with illustrations of world foods, etc. on the world map poster.



JPN_PP3

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Products designed with a map: Dust jacket with 10 types
160 x 245
Tokyo Cartographic Co., Ltd.
Tokyo Cartographic Co., Ltd.
February 2023
Japanese
Copyrights All Reserved
The designs include four types of world maps, two types of map symbols, two types of railroad route maps, and two types of inoh maps.



MAPS PRODUCTS

KOR_MP1

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

A web-based system for automating conversion of tactile maps

National Geographic Information Institute, the Republic of Korea
National Geographic Information Institute, the Republic of Korea
March 2023

Korean

For works that retain all intellectual property rights of the National Geospatial-Intelligence Institute, they can be used freely without obtaining separate permission under the free-use condition; it is essential to indicate the work's source explicitly.

Abstract / Description

A web-based system for automating the conversion of tactile maps enables users to select their desired map with free scales and edit it as needed, automatically converting it into tactile maps and printing in various formats, such as EDL, STL, and Image.



ATLASES

KOR_AT1

Title
Dimensions(mm)
Number of pages
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

National Atlas of Korea

430 x 305

149

National Geographic Information Institute, the Republic of Korea
National Geographic Information Institute, the Republic of Korea
December 2022

English, French, and Spanish

For works that retain all intellectual property rights of the National Geospatial-Intelligence Institute, they can be used freely without obtaining separate permission under the free-use condition; it is essential to indicate the work's source explicitly.

Abstract / Description

The National Atlas of Korea serves as an official national document, offering a comprehensive depiction of the present state of land development in the country with the spatiotemporal changes that have taken place over time. This esteemed publication has been meticulously crafted as a single atlas set, providing valuable insights in multiple languages, including English, French, and Spanish.



KOR_DPS1

Title
Type
Operating System
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

A web-based system for automating conversion of tactile maps

Web Map

Windows, MacOS

National Geographic Information Institute, the Republic of Korea

National Geographic Information Institute, the Republic of Korea

March 2023

Korean

For works that retain all intellectual property rights of the National Geospatial-Intelligence Institute, they can be used freely without obtaining separate permission under the free-use condition; it is essential to indicate the work's source explicitly.

Abstract / Description

A web-based system for automating the conversion of tactile maps as a national internet mapping service enables users to select and edit their desired map as needed. It automatically converts into tactile maps with EDL, STL, and Image.



KOR_DPS2

Title
Type
Operating System
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

High definition road map

Application, Web Map

Windows, MacOS

National Geographic Information Institute, the Republic of Korea

National Geographic Information Institute, the Republic of Korea

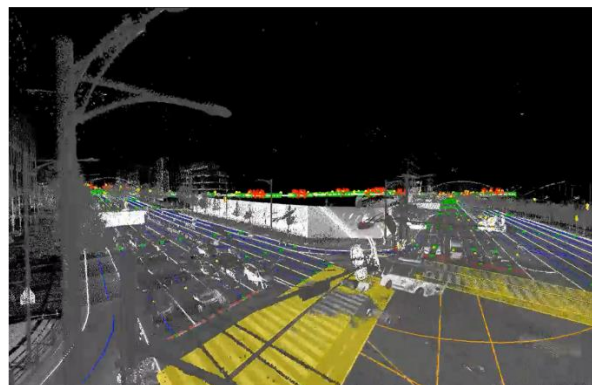
December 2021

English

For works that retain all intellectual property rights of the National Geospatial-Intelligence Institute, they can be used freely without obtaining separate permission under the free-use condition; it is essential to indicate the work's source explicitly.

Abstract / Description

The high-definition road maps are high-precision electronic maps that depict roads and surrounding facilities such as lanes, signs, and road facilities. It is an infra data set that autonomous vehicles can recognize their position and set routes.



KOR_DPS3

Title
Type
Operating System
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

3D Digital Map

Application, Web Map
Windows, MacOS

National Geographic Information Institute, the Republic of Korea

National Geographic Information Institute, the Republic of Korea

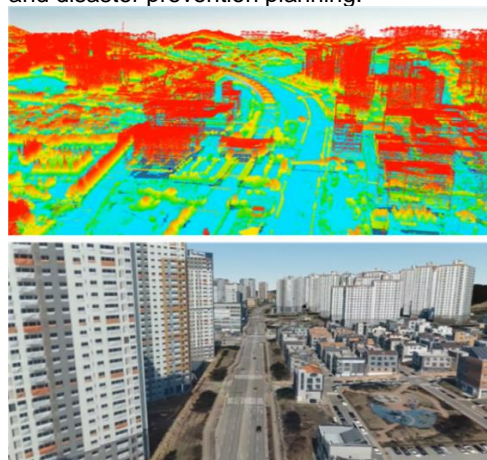
December 2021

Korean

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Abstract / Description

This three-dimensional map represents a digital representation of the real world's national territory. It incorporates height information of terrain and buildings into a two-dimensional map through stereoscopic techniques. This information can be utilized for various purposes, including 3D-based smart city planning, construction permits, and disaster prevention planning.



EDUCATIONAL PRODUCTS

KOR_ED1

Title
Dimensions
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

The National Atlas of Korea comprehensive edition for education

430 x 305

National Geographic Information Institute, the Republic of Korea

National Geographic Information Institute, the Republic of Korea

March 2023

English

For works that retain all intellectual property rights of the National Geospatial-Intelligence Institute, they can be used freely without obtaining separate permission under the free-use condition; it is essential to indicate the work's source explicitly.

Abstract / Description

This is an atlas to help youth in other countries understand Korea more accurately, considering the linkage between the representative items of the National Atlas and the curriculum. It has received a great response from young people worldwide.



KOR_ED2

Title
Dimensions
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

Paper Braille Globe

297 x 210

National Geographic Information Institute, the Republic of Korea

National Geographic Information Institute, the Republic of Korea

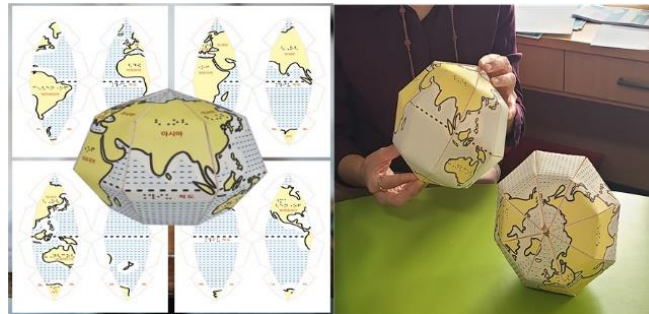
March 2023

English

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Abstract / Description

The paper Braille globe has four sheets of swell form paper with eight sections, allowing one to feel the earth's shape and the continents' location and assisting congenitally blind children in grasping the concept of a three-dimensional globe.



KOR_ED3

Title
Dimensions
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

World Braille Map by Subject

300 x 450

National Geographic Information Institute, the Republic of Korea

National Geographic Information Institute, the Republic of Korea

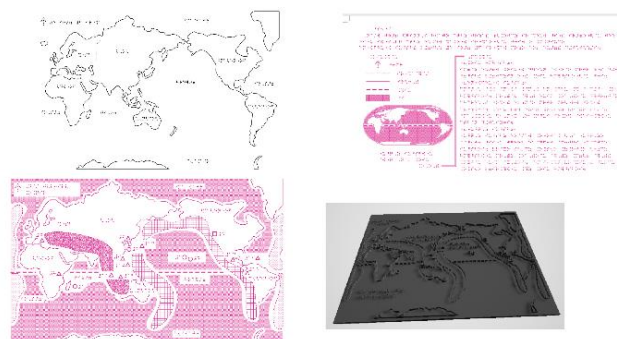
December 2021

Korean and English

For works that retain all intellectual property rights of the National Geospatial-Intelligence Institute, they can be used freely without obtaining separate permission under the free-use condition; it is essential to indicate the work's source explicitly.

Abstract / Description

The World Braille Map by Subject facilitates effective learning of world geographic information for visually impaired students, delivering essential geographical content in mixed braille and print format for visually impaired and sighted individuals.



PHYSICAL PRODUCTS

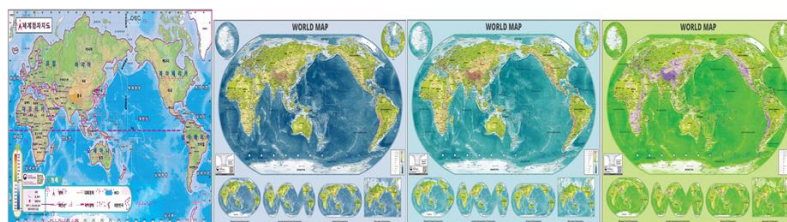
KOR_PP1

| | |
|----------------------------|--|
| Title | Multilingual World Map |
| Dimensions | 776 x 1013 |
| Scale | 1:33000000 |
| Author(s) | National Geographic Information Institute, the Republic of Korea |
| Published by | National Geographic Information Institute, the Republic of Korea |
| Date of publication | December 2022 |
| Languages(s) of the legend | English |
| Copyright | A product that the National Geographic Information Institute (NGII) of South Korea holds intellectual property can be utilized freely without separate permission. However, the source of the product should be specifically indicated in such a case. |
| Abstract / Description | The Multilingual World Map uses the Robinson Projection to present the boundaries and geographic names of countries recognized as independent states in English, Spanish, Portuguese, French and Arabic at 1/33,000,000 scale. |



KOR_PP2

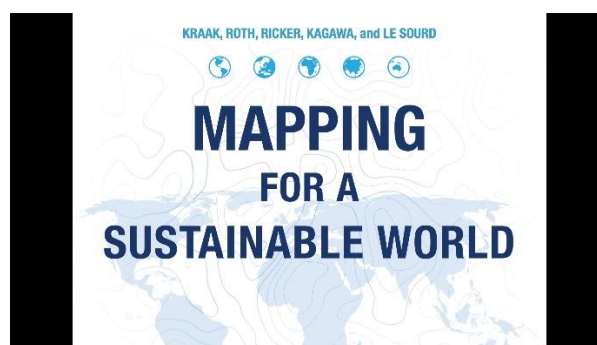
| | |
|----------------------------|---|
| Title | Maps for Colour Blind and World Braille Map |
| Dimensions | 422 x 280 |
| Scale | 1:88000000 |
| Author(s) | National Geographic Information Institute, the Republic of Korea |
| Published by | National Geographic Information Institute, the Republic of Korea |
| Date of publication | March 2023 |
| Languages(s) of the legend | English |
| Copyright | For works that retain all intellectual property rights of the National Geospatial-Intelligence Institute, they can be used freely without obtaining separate permission under the free-use condition; it is essential to indicate the work's source explicitly. |
| Abstract / Description | The Map for ColourBlind makes for those with red-green and blue colour blindness. The World Braille Map applies a dot-and-letter method to represent letters on a visibility-optimised background map for low-vision individuals with the general world map. |



EDUCATIONAL PRODUCTS

NLD_EP1

| | |
|----------------------------|--|
| Title | Mapping for a Sustainable World |
| Author(s) | Menno-Jan Kraak; Robert E. Roth; Britta Ricker; Ayako Kagawa; Guillaume Le Sourd |
| Published by | United Nations / ICA |
| Date of publication | January 2021 |
| Languages(s) of the legend | English |
| Copyright | CC BY-NC license |
| Abstract / Description | Drawing from cartography, this book offers guidelines for mapping geographic datasets related to the SDGs by introducing basic principles of map design and use, discussing established best practices and conventions, and explaining how different mapping techniques support understanding of the SDGs. As such, four sections (SDGs and geospatial data; map design consideration; maps and diagrams; map use environments) offer recommendations to avoid common pitfalls in cartographic design rather than enforce hard-and-fast rules required in all mapping contexts. The book is of interest to those who want to make and use “SDG maps” that help create a sustainable world. |



MAPS PRODUCTS

NZL_MP1

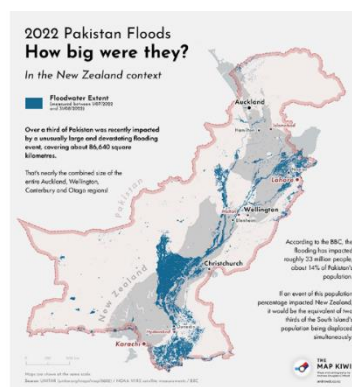
Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

2022 Pakistan Floods

Andrew Douglas-Clifford
The Map Kiwi
November 2022
English

© 2022 Andrew Douglas-Clifford

A map created as part of #30DayMapChallenge 2022, showing the extent of the 2022 Pakistan Floods compared to the scale of New Zealand. Over a third of Pakistan was impacted by an unusually large and devastating flooding event, covering about 86,640 square kilometres. The flooding impacted roughly 33 million people, about 14% of Pakistan's population. Seeing the Pakistan floods from afar, it felt difficult to comprehend the sheer scale of the flooded areas. This map puts it into perspective by comparing the flooding from the event to scales that a New Zealander might be more familiar with.



NZL_MP2

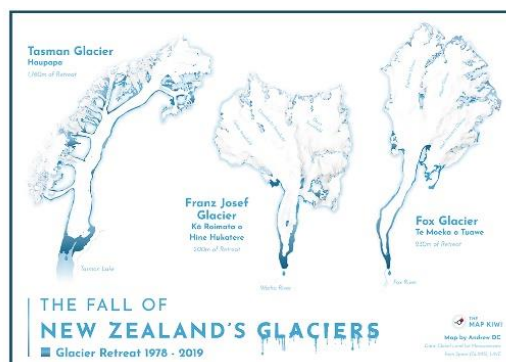
Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

The Fall of New Zealand's Glaciers

Andrew Douglas-Clifford
The Map Kiwi
November 2022
English

© 2022 Andrew Douglas-Clifford

We are on track for a warming world where glaciers will be merely a ghost of their former selves. New Zealand is no exception, with our iconic glaciers experiencing several hundred meters of ice loss at their base since 1978. This map shows the impacts of glacial retreat on three of New Zealand's iconic glaciers, located in the Southern Alps - Tasman, Fox and Franz Josef. Created as part of #30DayMapChallenge in November 2022.



NZL_MP3

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Queen Charlotte Sound / Tōtaranui

Andrew Douglas-Clifford
The Map Kiwi
November 2022
English

© 2022 Andrew Douglas-Clifford

A 3D perspective of the upper Queen Charlotte / Tōtaranui Sound, located in Marlborough, New Zealand. Created as part of #30DayMapChallenge in November 2022.



NZL_MP4

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Arthur's Pass National Park

1:80000

760 x 670

Andrew Tyrrell

South Arrow Maps

November 2022

English

© 2022 South Arrow Maps

This map depicts the land cover, terrain, walking tracks, and backcountry huts of Arthur's Pass National Park, New Zealand. The physical landscape is given prominence over human infrastructure. Natural colours emphasise the variety of land cover, from yellow-green farmland and dark green native forest to brown alpine grassland and icy white glaciers. These are modulated with terrain shading that accentuates the rugged peaks and deep valleys of the region. All other elements, including roads, peaks, names, and the extensive backcountry hut and track network, are overlaid in a simple off-white, allowing all elements to be legible without overpowering the basemap.



NZL_MP5

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Te Waipounamu Crown Pastoral Leases and Public Conservation Land

820 x 670
Andrew Tyrrell
Toitū Te Whenua Land Information New Zealand
June 2022
English
© South Arrow Maps 2022

This map depicts the relationship between Crown-owned land and the natural landscape of Te Waipounamu/South Island, New Zealand. Almost two hundred Crown Pastoral Leases are identified, alongside ten National Parks. The basemap combines elevation, topographic, and imagery data to accurately represent the varied terrain and land cover of the South Island. This map was created in response to a request from the Minister of Land Information. A copy of the map is displayed on the wall of the Minister's office in the New Zealand Government buildings. It was awarded "Best Print Map" at GeoCart'22: the NZ National Cartographic Conference.



NZL_MP6

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Banks Peninsula

1:46000
1200 x 840
Geoff Aitken
New Topo NZ Ltd
January 2023
English
© New Topo NZ Ltd 2023

This is the wall map version of a two-sided folded map, at the same scale, covering a popular walking and recreational area adjacent to the city of Christchurch NZ. The map shows all public tracks (and some private ones) and the few public huts on the peninsula. The topographic detail was derived from Land Information New Zealand data and overlaid by thematic information from the Department of Conservation, Christchurch City Council, and private sources. The wall map version is printed on 200gsm satin art paper. The folded version is printed on Polyart synthetic paper and offered in a clear vinyl wallet.



NZL_MP7

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

The World and its Oceans

755 x 580
Juliana Child
Juliana Childs
January 2023
English
© 2023 JulianaChildArt

We are at a pivotal moment in time, where Climate Change reshapes our planets fragile surface. This map depicts our world from a less than usual antipodean viewpoint; with our vast Pacific Ocean placed in the middle, without bisection. Oceania, the continent at the centre of this map is very much shaped by the sea and impacted by rapidly rising sea levels. This hand-painted, bathymetric map utilises The Mercator Projection in a generalised depiction focusing on Earth's oceans. Sea depths are coloured in deepening gradations of blue, with their boundaries at 200, 500 and then every 1000 metres.



NZL_MP8

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Kaitaia, Far North Region, New Zealand

1750 x 1235
Emory Beck
Emory Beck
February 2023
English
© 2023 Maphustle

The purpose of this map is to showcase the detail of the open-source elevation datasets that cover New Zealand. It shows Kaitaia, a lesser-mapped township of the North Island of New Zealand, including a well-known Pā site flanking the township and typical geographic phenomena that makes up our natural and built world. The map was created by blending aerial imagery with a LiDAR derived digital surface model, to produce a detailed, aesthetic, and realistic-looking representation of the land.



| | |
|----------------------------|--|
| Title | Glacier Coast and the Aoraki/Mount Cook Region |
| Scale | 1:100000 |
| Dimensions(mm) | 1125 x 900 |
| Author(s) | Roger Smith |
| Published by | Geographx |
| Date of publication | January 2022 |
| Languages(s) of the legend | English |
| Copyright | Copyright: © 2022 Geographx |
| Abstract / Description | A topographic map focusing on the area covered by Westland Tai Poutini National Park, Aoraki/Mount Cook National Park, and the adjacent conservation parks and designated wilderness areas. It presents park boundaries, back-country walking trails, and the many huts scattered throughout the area. The purpose of the map is to familiarise park visitors and recreational adventurers with trip-planning in this challenging and relatively undeveloped alpine environment. The map is designed for print and utilises a natural colour basemap. Both the basemap and the terrain data used in this map were developed inhouse. |



MAPS PRODUCTS

NOR_MP1

Title
 Author(s)
 Published by
 Date of publication
 Languages(s) of the legend
 Copyright
 Abstract / Description

The Green Map

Bykuben/Oslo municipality
 Bykuben/Oslo municipality
 June 2022
 Norwegian
 Copyright Bykuben/Oslo municipality

With this map we invite you to discover known and hidden gems of Oslo. Here you will find large and small that make our capital an adventurous green and environmentally friendly city.



NOR_MP2

Title
 Scale
 Author(s)
 Published by
 Date of publication
 Languages(s) of the legend
 Copyright
 Abstract / Description

Armed Forces overview map

1:850000
 Per Olav Kaasa
 Norwegian Armed Forces
 July 2022
 Norwegian and English
 Copyright Norwegian Armed Forces

The Armed Forces Overview Map is an overview map of the entire mainland Norway compiled on a map sheet. The map is presented on a scale of 1:850 000 and is a co-production between the Norwegian Mapping Authority and the Norwegian Armed Forces. The map content is taken from N1000 Map data, the main map series Sea, ENC (Electronic nautical charts), as well as military information from the Norwegian Armed Forces. The map is designed using ArcGIS Pro (map content and frame information) and Adobe software (compositing map and frame information).



NOR_MP3

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Brochure map - Norway's national parks

Lina Haggard
Norwegian Environment Agency
June 2022
Norwegian
Copyright Norwegian Environment Agency

It is important that the maps are recognizable, regardless of which protected area one visits. The brochure maps, together with text and pictures, will give visitors a good overview of the areas. These are not detailed hiking maps, but maps showing opportunities and offers in and around protected areas. The map can contribute to channeling visitors, to areas that can tolerate traffic and away from areas that cannot tolerate it. Production method: The base map is produced in ArcMap and the map is finalized in Adobe Illustrator.



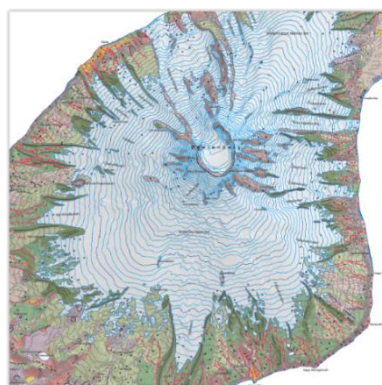
NOR_MP4

Title
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

JAN MAYEN – QUATERNARY GEOLOGICAL MAP

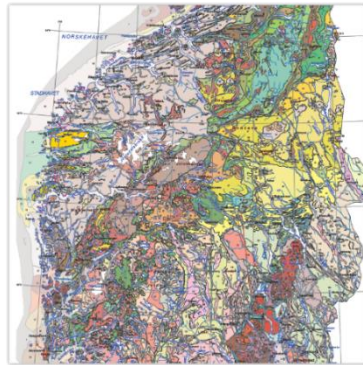
1:50000
Geological Survey of Norway
Geological Survey of Norway
June 2022
Norwegian and English
Copyright Geological Survey of Norway

The Quaternary geological map for Jan Mayen shows the distribution of soil types covering the rock surface as well as a division of volcanic rocks and sediments. Sediments, including volcanic rocks and the sediments on Jan Mayen, are a fundamental natural resource, and they constitute the very foundation for plant and animal life. Most of Jan Mayen is a nature reserve that was established in 2010. Quaternary geological maps are therefore of importance for nature and environmental management. Quaternary geological maps are also suitable for exploring and understand the glacial geological and climatic the history of development of the island. For Jan Mayen, the interaction is between glaciers and volcanism of special interest.



NOR_MP5

| | |
|----------------------------|---|
| Title | Bedrock map of Norway |
| Scale | 1:300000 |
| Author(s) | Geological Survey of Norway |
| Published by | Geological Survey of Norway |
| Date of publication | June 2022 |
| Languages(s) of the legend | Norwegian and English |
| Copyright | Copyright Geological Survey of Norway |
| Abstract / Description | Geological Survey of Norway's bedrock data show the distribution of rocks and rock structures on the earth's surface. The dataset provides information about the rocks' and the geological features of the structures (including main rock, age of formation and tectonic Main divisions for rock surfaces and structure names and kinematic type for structures). Knowledge of the bedrock plays a role important role in the search for and assessment of different types raw materials and natural resources, as well as within water supply, planning and construction of infrastructure, waste storage, land use and environmental planning, civil engineering, alternative energy and assessment of natural hazards such as earthquakes and landslides. Bedrock data on a scale of 1:1:350,000 have been developed to provide a national overview of the bedrock. |



NOR_MP6

| | |
|----------------------------|--|
| Title | Hiking maps Steigen |
| Scale | 1:50000 |
| Author(s) | Tore Tonning/Mesterkart |
| Published by | Tore Tonning/Mesterkart |
| Date of publication | July 2020 |
| Languages(s) of the legend | Norwegian and English |
| Copyright | Copyright Tore Tonning/Mesterkart |
| Abstract / Description | The hiking map is commissioned by the Salten outdoor council and was published in April 2021. The map covers the entire municipality of Steigen and is printed two-sided on moisture-resistant paper. Map basis: Norwegian Mapping Authority N50 Map data Theme for outdoor recreation and tourism from the customer. Software: ArcGIS Desktop with Spatial Analyst. |



NOR_MP7

Title
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

The Krossbu Guide - map vouchers

1:50000

eMap

eMap

July 2022

Norwegian

Copyright eMap

This map is an appendix to a book "Krossbu-guiden" written by Knut Ihlen Tønsberg. The book describes 23 different skiing trips from Krossbu to nearby mountain peaks and hiking destinations. In the book there is a smaller section of the map, one for each trip, and with only the trip in question shown. To illustrate the winter theme, this map is dressed in winter costume, and it is clearly visible where it is steep and impassable on skis. The data is processed with ArcGIS and QGIS/GDAL, and the graphing is done in Adobe Illustrator, Photoshop and InDesign.



NOR_MP8

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Marine base map in the coastal zone between Bergsøya and Nerlandsøya

Evan Tranmæl

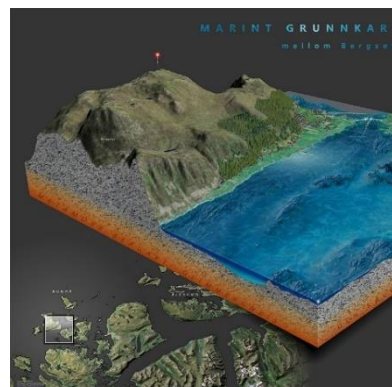
Møre og Romsdal county municipality

January 2023

Norwegian

Copyright More og Romsdal county municipality

Marine base map in the coastal zone between Bergsøya and Nerlandsøya is a diorama, where geology, landscape and marine base maps are compiled into a model. The map is produced in the ArcGIS Pro 3D scene. From terrain model DTM, four hillshades have been generated in different colours over one basemap from ESRI World Imagery. The rock Glimmergneiss predominates in this area and is attempted to be made with a sharpening in the earth's crust. In Sjøbotnen lies the bottom sediment map of NGU and gives useful information. Different layers of blend modes in the symbol display produce beautiful colours like smelttar saman with landscape and is a useful tool in ArcGIS pro.



NOR_MP9

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

My tour album – 244 different tour suggestions form all over Vestfold

Inese Linuza
Inese Linuza
January 2023
Norwegian
Copyright Inese Linuza

A book for Larvik with 87 tour suggestions, one – for Sandefjord with 70 tour suggestions and the last with collection from Holmestrand, Tønsberg, Færder and Horten with 87 tour suggestions. It's a different kind of outdoor book. Why? Because you can post your photos from the trip and the outdoor book becomes like an album eventually. Like an activity book. Each hike has a map showing the suggested hike and hiking direction with symbols, pictures, and an information box showing the hike's level of difficulty, whether it is a round trail, whether it is part of the pilgrim route, cultural trail, coastal path, etc. A height profile and a larger map are also shown so that you can orient yourself to find the tour.



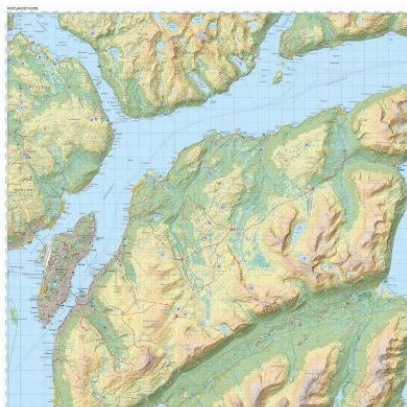
NOR_MP10

Title
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Hiking Map Tromsø

1:50000
Tore Tonning/Mesterkart
Tore Tonning/Mesterkart
July 2022
Norwegian
Copyright Tore Tonning/Mesterkart

The map is produced on behalf of the Arctic Coast Outdoor Council and was released in July 2022. The map is printed on moisture-resistant paper. Map basis: The Norwegian Mapping Authority's N50 Map Data. Software: ArcGIS Desktop with Spatial Analyst.



NOR_MP11

Title
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Oslo retro map

1:10000

Agnar Renolen/eMap

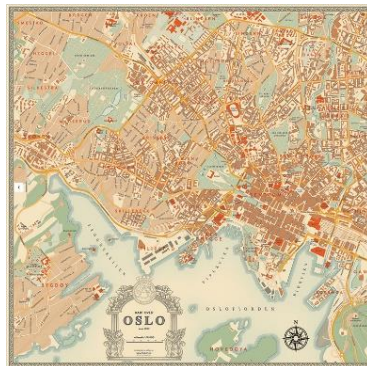
Agnar Renolen/eMap

July 2022

Norwegian

Copyright Agnar Renolen/eMap

This map is solely designed to look at the wall and thus conveys no message – it is a still image of a developing city at a given time. Or maybe it conveys a message after all: developments in map production methods? I have always been fascinated by old maps – maps drawn by professional cartographers who mastered colors, text types and the current production techniques. Before today's modern 4-color printing, maps were produced from a large number of films that were combined in a reproduction process that resulted in a number of printing plates, and which were printed with special colors.



NOR_MP12

Title
Scale
Dimensions
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Jutulsessen

1:50000

600 x 580

Norwegian Polar Institute

Norwegian Polar Institute

November 2022

Norwegian and English

Copyright Norwegian Polar Institute

Jutulsessen is the Norwegian Polar Institute's newly constructed topographic map sheet of Jutulsessen, the mountainous area around the Norwegian research station Troll in Dronning Maud Land, Antarctica. A satellite image of the area is displayed on the back, and selected photographs and general information are taken. The Norwegian Polar Institute is Norway's main producer of topographical and geological maps in Norwegian polar regions and is primarily responsible for the topographic mapping of Svalbard, Jan Mayen and the Norwegian subsidiary countries and territorial claims in Antarctica.



NOR_MP13

Title
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

NORD-JAN

1:50000

Norwegian Polar Institute

Norwegian Polar Institute

November 2022

Norwegian and English

Copyright Norwegian Polar Institute

Nord-Jan is one of the Norwegian Polar Institute's two newly constructed topographical map sheets that together cover Jan Mayen, with a satellite image of the island on the back of the map. The Norwegian Polar Institute is Norway's main producer of topographical and geological maps in Norwegian polar regions and is primarily responsible for the topographic mapping of Svalbard, Jan Mayen and the Norwegian subsidiary countries and territorial claims in Antarctica.



NOR_MP14

Title
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Sarpsborg hiking map

1:15000

Tore Sandvik

Sarpsborg Municipality

September 2022

Norwegian

Copyright Sarpsborg Municipality

Sarpsborg hiking map is a hiking map package consisting of twenty hiking maps of some of the most beautiful hiking areas in the municipality, as well as an overview map. The maps are folded to a hiking map-friendly format. The back of the maps describes hiking destinations and routes with text and pictures. Map data is a mixture of FKB data and selected data from orientation maps where they exist (trails, marshes, streams, large rocks). Sarpsborg hiking maps also contain autogenerated elements from LiDAR – data, by self-developed scripts, including: - Smoothing of height curves – Detection of auxiliary curves, pits, hills and highlights (round and oblong). Software used in the production trail – ArcMap, Photoshop, Illustrator, Indesign.



CHARTS PRODUCTS

NOR_CP1

Title
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

NAUTICAL CHART NO. 459 – PORT OF KRISTIANSAND

1:50000

Kjetil Wirak

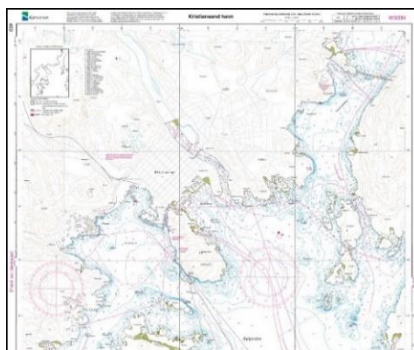
Norwegian Mapping Authority, sea division

December 2022

English

Copyright Norwegian Mapping Authority, sea division

Port of Kristiansand Nautical chart no. 459 is based on sea measurements from different periods. The quality of the depth data is described in the map's ZOC Diagram (Zones of Confidence). The map has been updated with respect to all reported changes since the last time the map was printed, reported in Intelligence for Mariners (Efs). The map has been updated with other changes not reported in the Intelligence for Mariners (Efs). This may be new measurements to a greater and lesser extent, new quays, breakwaters, changes to place names, etc. Electronic Maps: The area covered by nautical chart no. 459 is also covered by ENC's (Electronic Chart Cells).



NOR_CP2

Title
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Ryvarden – Selbjørnsfjorden

1:50000

Kjetil Wirak

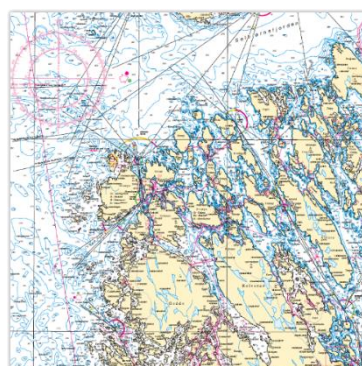
Norwegian Mapping Authority, sea division

February 2022

English

Copyright Norwegian Mapping Authority, sea division

Nautical chart no. 19 is based on sea measurements from different periods. The quality of the depth data is described in the map's ZOC Diagram (Zones of Confidence). Changes in this release: - Stokksundet, from Føyeno to Ålforø, has been remeasured at sea and the depth information has been updated in the map. - The country information has been replaced by data from the N250. Previously, the N50 was used. - The map has been updated with respect to all reported changes since the last time the map was printed, reported in Intelligence for Mariners (Efs) The map has been updated with new measurements to a greater and lesser extent, new quays, breakwaters, changes to place names, etc.



STORY MAPS

NOR_SM1

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Coastal zone plan for the Tromsø region 2023-2033

ESRI software

Tromsø municipality

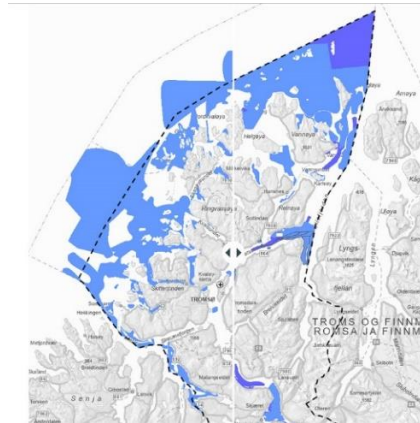
Tromsø municipality

December 2022

Norwegian

Copyright Tromsø municipality

The target group is politicians, the public, the business community and interest organisations. It was used in several stages of the planning process; for consultation, public scrutiny and when the politicians were to adopt the plan.



NOR_SM2

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Feasibility study Tivolitomta in Sandefjord municipality

ESRI software

Inese Linuza

Sandefjord municipality

December 2022

Norwegian

Copyright Sandefjord municipality

Tivolitomta - read and learn about the feasibility studies in 3D! In the center of Sandefjord there is a car park, called Tivolitomta. Here, the municipality plans to build, among other things, a new library and cultural school. As far as democracy is concerned, it is important that all voices are heard in the process ahead. Are there cyclists, families with young children, the elderly, students we have in mind when we plan? What about the architecture or the impact on nature? A digital presentation of the feasibility studies was made where you can easily get an overview of 4 different proposals from 4 architectural teams. The municipality conducted participation on the feasibility studies with selected groups and residents in general during the period December 2022 – February 2023.



MAPS PRODUCTS

POL_MP1

| | |
|----------------------------|---|
| Title | Administrative map of Poland |
| Scale | 1:500000 |
| Dimensions(mm) | 1310 x 1400 |
| Author(s) | Anna Makowska; Marcin Rek; Marcin Lebiecki; Anna Kałaska |
| Published by | Head Office of Geodesy and Cartography – GUGiK |
| Date of publication | August 2022 |
| Languages(s) of the legend | Polish and English |
| Copyright | All rights reserved. The map or any part of it may not, without the previous written consent of the publisher, be used in retrievable systems or reproduced by photographic, electronic, mechanical or other system whatsoever. |
| Abstract / Description | The map is an answer to the need that in the face of the dynamic development, administrative units borders changes and significant communication infrastructure expansion, has become urgent. It is a 1:500,000 scale map based on The National Geodetic Coordinate System PL-1992 - with Warsaw agglomeration and the Silesian conurbation additional side maps in a 1:300,000 scale. The study was prepared in raster format in the size of a wall map - 131 x 140 cm. Greater cities, towns, rivers, lakes, roads, railways, and ports were included as content enrichment for the map of the three-level administrative division. |



POL_MP2

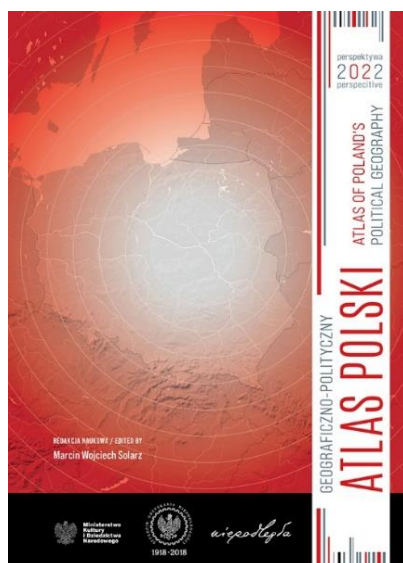
| | |
|----------------------------|---|
| Title | Map of land cover of Poland |
| Scale | 1:500000 |
| Author(s) | Head Office of Geodesy and Cartography - GUGiK |
| Published by | Head Office of Geodesy and Cartography - GUGiK |
| Date of publication | January 2022 |
| Languages(s) of the legend | Polish and English |
| Copyright | All rights reserved. The map or any part of it may not, without the previous written consent of the publisher, be used in retrievable systems or reproduced by photographic, electronic, mechanical or other system whatsoever. |
| Abstract / Description | The map was developed in the "PL-LCC" flat rectangular coordinate system on the GRS80 ellipsoid at the scale of 1:500 000, in a Lambert's conic equiangular projection. The map shows 12 land cover distinctions using the area method: settlement, industrial and degraded land, agricultural land, permanent crops, deciduous, coniferous and mixed forests, exposed inland sands and dunes, meadows and pastures, high mountain areas, swamps and wetlands, other unused areas. In addition, towns and villages were presented using the signature method. The map has been enriched with a land relief represented by the shading method and elements of nature protection. |



ATLASES

POL_AT1

| | |
|----------------------------|--|
| Title | Atlas of Poland's political geography. Poland in the modern world: 2022 Perspective. |
| Dimensions(mm) | 304 x 216 |
| Number of pages | 392 |
| Author(s) | Marcin Wojciech Solarz (academic editor); Marcin Wojciech Solarz; Jarosław Talacha; Maciej Zych et al. (authors) |
| Published by | Biuro Programu „Niepodległa” / Office of the „Niepodległa” Program |
| Date of publication | January 2022 |
| Languages(s) of the legend | The entire atlas (including maps): English and Polish; supplements containing descriptive parts of the atlas such as introductions, table of contents, etc. (without maps): Chinese, French, German, Russian, Spanish, Ukrainian. |
| Copyright | Copyright by Biuro Programu „Niepodległa”, 2022 Copyright by Trzecia Strona, 2022 Copyright by Marcin Wojciech Solarz, 2022 |
| Abstract / Description | The atlas is a comprehensive source of knowledge about contemporary Poland. It contains over a thousand very diverse thematically and cartographically colourful maps, charts and diagrams. Atlas deals with domestic and foreign policy, history, society, culture and economy. The publication is divided into 8 chapters: Poland in space and time; Borders, territory, memory; Development; The state and politics; Geographical names; Poles abroad, minorities in Poland; Polish soft power; and Tempus calamitatum. The atlas is the basis and tool of the educational project for teachers, students and other readers, consisting of educational activities such as lessons, training, educational materials, social media. |

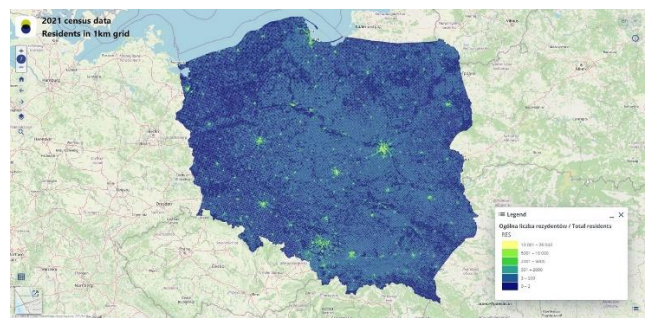


DIGITAL PRODUCTS AND SERVICES

POL_DPS1

| | |
|----------------------------|---|
| Title | Geostatistics Portal as a tool for dissemination and analysis of statistical data. |
| Type | Application |
| Operating System | Windows, MacOS, Linux, Android, iOS. |
| Author(s) | Statistics Poland |
| Published by | Statistics Poland |
| Date of publication | April 2022 |
| Languages(s) of the legend | Polish and English |
| Copyright | Use of spatial data services made available on the Geostatistics Portal is universal and free of charge. The statistics on the basis of spatial data presented on the Portal are purely for reference purposes and cannot be treated as an official document. |
| Abstract / Description | Within last years the functionalities of the previously provided services in the Geostatistics Portal were expanded to include i.e. preparing statistical analyses within any spatial division, e.g. defined by the user, downloaded from external spatial data services (WFS), based on “dynamic” grid cells, the possibility of combining statistical data with the user's own data or geocoding users' features to use in geostatistical analysis. In addition, new services were developed, which will facilitate the use of exploratory spatial data analyses using statistical information, |

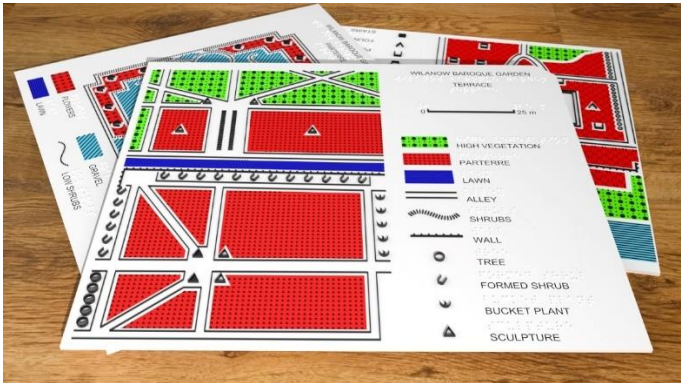
performance of analyses in the field of geostatistical modelling and the support of supplementing users' own data with geostatistical information and analyses.



PHYSICAL PRODUCTS

POL_PP1

| | |
|----------------------------|--|
| Title | Wilanów – baroque garden |
| Author(s) | Albina Mościcka; Jakub Wabiński; Andrzej Araszkiewicz; Damian Kilisze; Emilia Śmiechowska-Petrovskij; Anna Traut-Seliga; Beata Całka; Agnieszka Zwirowicz-Rutkowska |
| Published by | Military University of Technology, Warsaw, Poland |
| Date of publication | May 2023 |
| Languages(s) of the legend | English (Braille + black print) |
| Copyright | WAT |
| Abstract / Description | This tactile map's aim is to facilitate access of the people with visual impairments (PVI) to the cultural site – Baroque style garden in Wilanów. Natural and architectural elements are arranged in such a way to form a harmonious whole based on symmetry, geometry, formed vegetation, decorative parterres with high bosquets in the background. The garden is presented on a series of three maps presenting the site on different levels of detail. All the signs and redaction rules applied on these maps have been verified by PVI and form unequivocal guidelines for future works. Maps 3D printed using polyjet technique. |



MAPS PRODUCTS

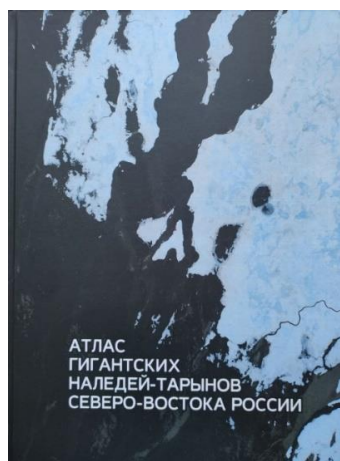
| RUS_MP1 | |
|----------------------------|--|
| Title | Geographical Map of Moscow and Moscow Region |
| Scale | 1:250000 |
| Dimensions(mm) | 1360 x 1290 |
| Author(s) | Federal State Budgetary Institution "Center of Geodesy, Cartography and Spatial Data Infrastructure" |
| Published by | Federal Service for State Registration, Cadastre and Cartography (Rosreestr) |
| Date of publication | March 2022 |
| Languages(s) of the legend | Russian |
| Copyright | © Federal State Budgetary Institution "Center of Geodesy, Cartography and Spatial Data Infrastructure", 2021 © Rosreestr (cartographic base), 2006 |
| Abstract / Description | The transverse-cylindrical orthomorphic Gaussian projection was used to create the geographical map of Moscow and Moscow Region. The map contains the following elements: hydrography objects, settlements, communication routes, relief, vegetation cover and soils, borders, signatures of geographical objects. The relief on the map is shown by horizontal lines and elevation marks. |



ATLASES

RUS_AT1

| | |
|----------------------------|--|
| Title | Atlas of Giant Aufeis-Taryn of the North-East of Russia |
| Dimensions(mm) | 290 x 220 |
| Number of pages | 299 |
| Author(s) | V. Alekseev, O. Makarieva, A. Shikhov, N. Nesterova, A. Ostashov, A. Zemlyanskova, editor – I. Abramova, art editor – O. Varaksina |
| Published by | Federal State Budgetary Scientific Institution Melnikov Permafrost Institute of the Siberian Branch of the Russian Academy of Sciences |
| Date of publication | February 2022 |
| Languages(s) of the legend | Russian |
| Copyright | © Team of authors, 2021 © Melnikov Permafrost Institute of the Siberian Branch of the Russian Academy of Sciences, 2021 |
| Abstract / Description | For the first time in the world science, the atlas presents cartographic materials on a specific form of the Eurasian continent part glaciation, which appears due to freezing of groundwater flowing to the surface. The first part of the atlas presents the history of giant aufeis-taryns study, describing their origin, shape, size, structure, and variability in time and space. The second part contains more than 100 maps of aufeis-taryn distribution in the basins of the main rivers of northeastern Russia such as Yana, Indigirka, Kolyma, Anadyr, Penzhina. The maps reflect current position and size of about seven thousand ice massifs. |



RUS_PP1

| | |
|----------------------------|--|
| Title | Relief Map of the Arctic Region |
| Dimensions(mm) | 1200 x 950 |
| Scale | 1:7500000 |
| Author(s) | D. Kholkin, E. Lazareva |
| Published by | Joint-Stock Company "Roscartography" |
| Date of publication | March 2022 |
| Languages(s) of the legend | Russian |
| Copyright | © Joint-Stock Company "Roscartography", 2022 © Rosreestr (cartographic base), 2017 |
| Abstract / Description | The map of the Arctic Region is based on the recent scientific research. The map includes hydrography; layered coloring of land relief and seabed; settlements by political status and number of inhabitants; communication routes; borders of states; floating ice boundaries; swamps; glacier ice. The uniqueness of the map is that, unlike usual relief maps, on which the volumetric relief is made only for land, the relief of seabed is worked out for the map, which allows conveying visually the irregularities of land relief and emphasizes the depths of seas and oceans to form a special visual image. |



STORY MAPS

SVK_SM1

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Map Portal – Department of Road Administration and Maintenance, Municipality of the Capital City of Slovak Republic, Bratislava

ESRI Story Map
Katarína Juhaniaková
Capital City of Slovakia, Bratislava
April 2023
Slovak
© Capital City of Slovakia, Bratislava
Story map presents interactive Map Portal, which is one of the crucial tools for efficient and effective management of maintenance of roads, bridges, sidewalks, traffic signs, green vegetation in traffic space.



MAP PORTAL

DEPARTMENT OF ROAD ADMINISTRATION AND
MAINTENANCE, MUNICIPALITY OF THE CAPITAL CITY OF
SLOVAK REPUBLIC, BRATISLAVA



DIGITAL PRODUCTS AND SERVICES

SVK_DPS1

Title
Type
Operating System
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

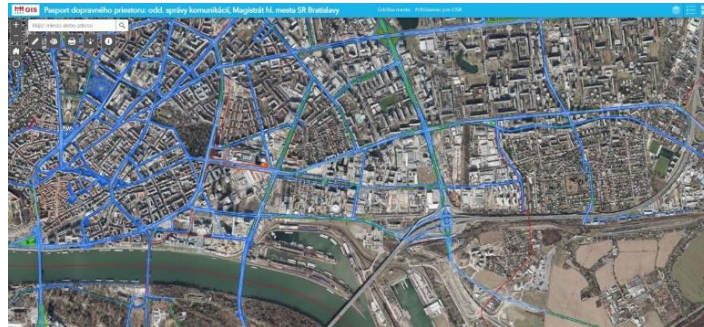
CBS Map Explorer

Application
iOS, Android
Milan Paprčka
CBS spol, s.r.o.
December 2022
Slovak, English and Czech
© CBS spol, s.r.o.
With Map Explorer, you simply move your smartphone over the paper map. The points of interest (natural and tourist attractions, monuments, museums, villages, tourist services) will literally jump out of the map and pop up on your smartphone screen.



SVK_DPS2

| | |
|----------------------------|---|
| Title | Register of Traffic Space |
| Type | Web Mapping Application |
| Operating System | Windows |
| Author(s) | Vladimír Juračič, Katarína Juhaniaková – Department of Road Administration and Maintenance, Bratislava the Capital City of Slovakia |
| Published by | Bratislava the Capital City of Slovakia |
| Date of publication | April 2023 |
| Languages(s) of the legend | Slovak |
| Copyright | © Hlavné mesto SR Bratislava, Map data: © OpenStreetMap contributors, Esri Community Maps contributors, Map layer by Esri, Orthophoto: © EUROSENSE s.r.o., ArcGEO Informations systems spol. s r.o. |
| Abstract / Description | A map portal built as a tool for efficient and effective management of maintenance of roads, bridges, sidewalks, traffic signs, green vegetation in traffic space, etc. Available spatial information is easy to share with public. |



SVK_DPS3

| | |
|----------------------------|--|
| Title | Digital Twin |
| Type | Application |
| Operating System | Windows |
| Author(s) | Peter Kacлік |
| Published by | Capital City of Slovakia, Bratislava (Data and GIS department) |
| Date of publication | March 2023 |
| Languages(s) of the legend | Slovak |
| Copyright | © Capital City of Slovakia, Bratislava; Map data: © OpenStreetMap contributors Orthophoto: © EUROSENSE s.r.o.; 3D model of buildings: © EUROSENSE s.r.o. |
| Abstract / Description | Digital Twins are a small sample of the implementation of virtual reality. Otherwise, it can be said that it is Twin City. The application displays many layers that create a more realistic view of Bratislava. |



SVK_DPS4

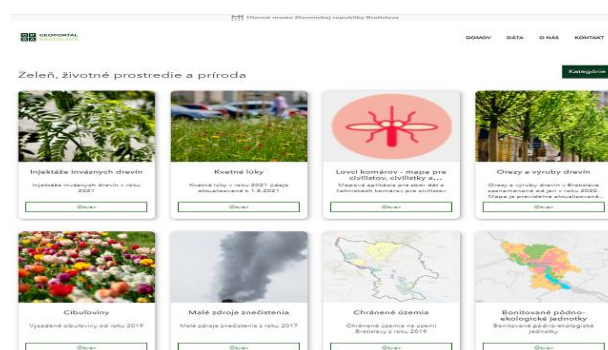
Title
Type
Operating System
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

GEOPORTAL.BRATISLAVA.SK

Application, Web Map, OGC Web Service
Windows
Capital City of Slovakia, Bratislava
Capital City of Slovakia, Bratislava
January 2022
Slovak

© Hlavné mesto SR Bratislava

Visualization of processed data contributes to the right decisions and to save public finances. Spatial data are visualized through map applications, web maps and scenes by ESRI technology. The views contain intuitive controls for user's maximum comfort.



EDUCATIONAL PRODUCTS

SVK_EP1

Title
Dimensions
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Liptovský Mikuláš, then and now

194 x 128
Bohuš Schwarzbacher
CBS spol, s.r.o.
February 2023
Slovak
© CBS spol, s.r.o.

Compares the change of territory over the last 200 years based on 2 maps: general map of Hungary by J. Lipský (1806) and the current map from VKÚ Harmanec. It includes an accompanying text that directs the user's attention to the most significant changes.



PHYSICAL PRODUCTS

SVK_PP1

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

MAPshirt

Milan Paprčka, Miro Melicher
VKÚ Harmanec, s.r.o.
June 2022
Slovak
© VKÚ Fashion

This is not an ordinary printed T-shirt; this T-shirt is made of fabric printed with a tourist map of the High Tatras. Even it is a fashionable accessory among tourists, it can be used for orientation in the field: all inscriptions and signs are legible.



MAPS PRODUCTS

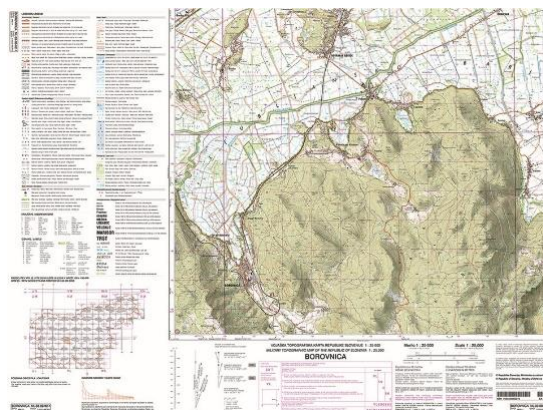
SVN_MP1

| | |
|----------------------------|--|
| Title | Ptuj city |
| Scale | 1:5000 |
| Dimensions | 416 x 540 |
| Author(s) | Primož Kete (Geodetic Institute of Slovenia) |
| Published by | Geodetic Institute of Slovenia |
| Date of publication | July 2022 |
| Languages(s) of the legend | Slovenian and English |
| Copyright | © Geodetic Institute of Slovenia |
| Abstract / Description | City map with "fake" 3D representation of main topographic features. |



SVN_MP2

| | |
|----------------------------|--|
| Title | Military topographic map of the Republic of Slovenia 1: 25,000, sheet Borovnica |
| Scale | 1:25000 |
| Dimensions | 560 x 760 |
| Author(s) | Geodetic Institute of Slovenia |
| Published by | Republic of Slovenia, the Ministry of Defence |
| Date of publication | October 2022 |
| Languages(s) of the legend | Slovenian and English |
| Copyright | © Republic of Slovenia, the Ministry of Defence |
| Abstract / Description | Bi-margin national military topographic map at scale 1: 25,000. |



SVN_MP3

Title
Scale
Dimensions
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Orienteering map Torovo - Vodice

1:10000

297 x 420

Mile Stevanović

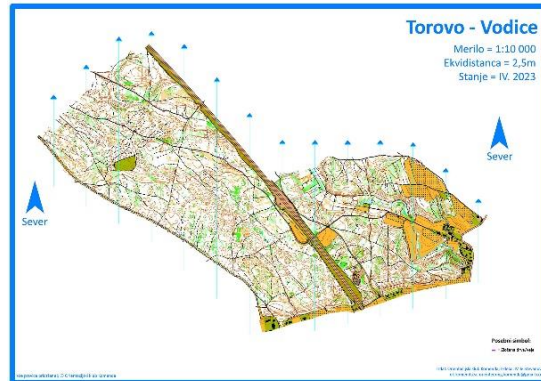
Orienteering Club Komenda

April 2023

Slovene

© Orienteering Club Komenda

Predominantly coniferous forest (pine, spruce) in the conglomerate area from Torovo to Vodice with a crossing highway. Largely overgrown with moss and undergrowth (fern) and more difficult to pass in summer.



SVN_MP4

Title
Scale
Dimensions
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Sprint Orienteering map Kranj center

1:3000

263 x 152

Remo Maella

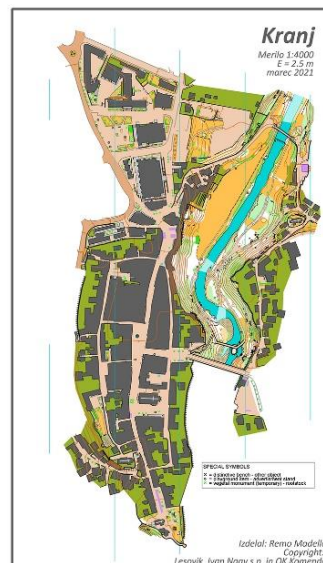
Lesovik and Orienteering Club Komenda

March 2022

Slovene

© Lesovik and Orienteering Club Komenda

The map includes the famous city center of Kranj with the area of the valley of the Kokra river, which flows under the city hill itself.



SVN_MP5

| | |
|----------------------------|--|
| Title | Orienteering map Šumsko |
| Scale | 1:7500 |
| Dimensions | 227 x 403 |
| Author(s) | Ivan Nagy, Zdenek Sokolar, Mile Stevanović |
| Published by | Lesovik, Ivan Nagy s.p. |
| Date of publication | April 2022 |
| Languages(s) of the legend | Slovene |
| Copyright | © Lesovik, Ivan Nagy s.p. |
| Abstract / Description | A plateau on the left above the Krka valley near the town of Dolenjske toplice with a distinctly rugged terrain, with many sinkholes and rare paths. |



SVN_MP6

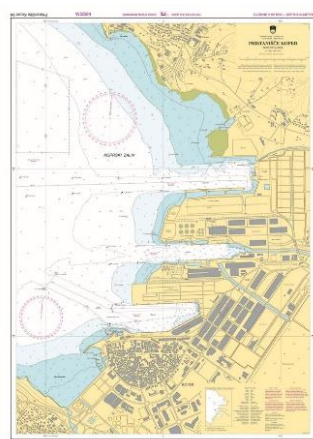
| | |
|----------------------------|--|
| Title | Sprint Orienteering map Okroglo |
| Scale | 1:4000 |
| Dimensions | 261 x 560 |
| Author(s) | Daniel Lebar, Mile Stevanović |
| Published by | Škofjeloški Orienteering Club |
| Date of publication | January 2022 |
| Languages(s) of the legend | Slovene |
| Copyright | © Škofjeloški Orienteering Club |
| Abstract / Description | Predominantly coniferous forest (pine, spruce) on the plateau between the valley of the Sava river and the Naklo region. Largely overgrown with moss and undergrowth (fern) and a little more difficult to pass in the summer. |



CHARTS PRODUCTS

SVN_CP1

| | |
|----------------------------|--|
| Title | Port of Koper |
| Scale | 1:5000 |
| Dimensions(mm) | 910 x 650 |
| Author(s) | Geodetic Institute of Slovenia |
| Published by | Ministry of Infrastructure of the Republic of Slovenia |
| Date of publication | March 2022 |
| Languages(s) of the legend | English and Slovenian |
| Copyright | © Ministry of Infrastructure of the Republic of Slovenia |
| Abstract / Description | Third Edition of Slovenian paper nautical chart Port of Koper. It is a large-scale chart of the main Slovenian port. |



STORY MAPS

SVN_SM1

| | |
|----------------------------|---|
| Title | Groundwater quantitative status assessment in Slovenia for the River Basin Management Plan 2022-2027 (3rd RBMPs) |
| Software | ESRI ArcGIS StoryMaps (ArcGIS Online) |
| Author(s) | Petra Krsnik, Petra Souvent, Veronika Strmšek |
| Published by | Slovenian Environment Agency/Agencija Republike Slovenije za okolje |
| Date of publication | December 2022 |
| Languages(s) of the legend | Slovenian |
| Copyright | © Slovenian Environment Agency 2022. Maps, text, schemes, charts, tables and photographs from this Story Map can be re-used - it is mandatory to cite the source. The EU River basin management plans are a very specific management tool in integrated water resources management. These plans also include groundwater quantitative status assessments. The latest assessment, for the 3rd RBMPs, with the explanation of used methodology is represented through a Story Map in a way, that is understandable to both, experts and the general public. |
| Abstract / Description | |



| | |
|----------------------------|---|
| Title | Murska Sobota - Accessibility map for people with various disabilities |
| Dimensions | 230 x 450 |
| Scale | 1:5000 |
| Author(s) | Jani Demšar, Msc. Roman Rener |
| Published by | Geodetic Institute of Slovenia |
| Date of publication | July 2022 |
| Languages(s) of the legend | Slovenian |
| Copyright | © Geodetic Institute of Slovenia |
| Abstract / Description | With the aim of an inclusive society, we created a map, on which the Geodetic Institute of Slovenia has shown new content for the accessibility of people with various disabilities. The map takes into account the most modern professional and technological directions and is intended for the efficient mobility of all people in the city. One of the basic conditions for independent mobility is the prior planning of the route by the user. The goal is achieved with the help of regularly updated spatial data, which is helpful in the orientation and navigation of vulnerable groups. |



MAPS PRODUCTS

ZAF_MP1

Title
Scale
Author(s)
Published by
Date of publication
Language(s) of the legend
Copyright

3318CD 19&14 CAPE TOWN

1:10000

Chief Directorate National Geospatial Information

Chief Directorate National Geospatial Information

February 2023

English, Afrikaans, Sepedi, isiZulu

This map may not be reproduced by any means, including digital, without prior permission.

Abstract / Description

The 1:10 000 orthophoto maps combine all the advantages of conventional line maps and aerial photography. The photographic background has been rectified to remove image displacements and enlarged to a scale of 1:10 000. Unlike a conventional aerial photograph, accurate measurements can be made on the orthophoto map. Cartographic elements that cannot be derived from the photographic background have been added, namely: a co-ordinate grid, contours and spot-heights, place names and route numbers. This map is well suited for detail planning and analysis of what exists on the ground.

3318 CD 19&14 CAPE TOWN



ZAF_MP2

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Language(s) of the legend
Copyright

BY-ELECTIONS 2022 - TVS (WATERKLOOF HEIGHTS SHOPPING CENTRE)

297 x 420

Electoral Commission of South Africa

Electoral Commission of South Africa

May 2022

English

© ELECTORAL COMMISSION

Abstract / Description

Map of a voting district in Ward 42, City of Tshwane Metropolitan Municipality. The map was created for by-elections in 2022.



ZAF_MP3

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

South Africa – Municipal Boundaries

841 x 1189

Electoral Commission of South Africa

Electoral Commission of South Africa

May 2023

English

© ELECTORAL COMMISSION

Orientation map of South Africa showing boundaries of local, metropolitan and district municipalities determined by the Municipal Demarcation Board (MDB).



ZAF_MP4

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

2831CA NKANDLA GEOLOGICAL MAP

1:50000

846 x 1192

Geology: N Hicks; Cartography: A Lawu

Council for Geoscience

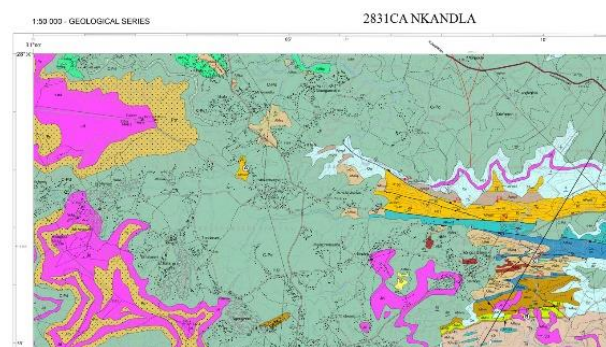
December 2021

English

Council for Geoscience: Whilst every effort has been made to ensure the correctness of the information on this map, the Chief Executive Officer of the Council for Geoscience will be highly appreciative of feedback on any errors and omissions.

The 2831CA Nkandla 1:50 000 map sheet is located along the south-eastern margin of the Archean Kaapvaal Craton, bounded by the Mesoproterozoic Namaqua-Natal Metamorphic Province. It consists of Palaeoarchean greenstone terranes intruded by Mesoarchean granitoids. Interpretations of detailed geophysical data obtained by the CGS in 2014 have allowed for revisions of existing maps and stratigraphy. The granitoid-greenstone basement is overlain by Mesoarchean supracrustal sequences of the Pongola Supergroup, while Phanerozoic cover sequences of the Natal Group and Karoo Supergroup make up the horizontal strata.

Abstract / Description



ZAF_MP5

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

2830DD KRANSKOP GEOLOGICAL MAP

1:50000
1181 x 843
Geology: N Hicks; Cartography: C Thomas
Council for Geoscience
September 2022
English

Abstract / Description

Council for Geoscience: Whilst every effort has been made to ensure the correctness of the information on this map, the Chief Executive Officer of the Council for Geoscience will be highly appreciative of feedback on any errors and omissions. The 2830DD Kranskop 1:50 000 map sheet is located in central KwaZulu-Natal and covers the western portion of the Tugela Terrane of the Mesoproterozoic Namaqua-Natal Metamorphic Province. It is exposed in the uThukela River valley, where metamorphic lithologies consist of amphibolite, granite gneiss and a large nickel-chrome bearing ultramafic intrusion. Geological mapping of the metamorphic basement was undertaken through interpretations of detailed geophysical data and reconnaissance field mapping.



ZAF_MP6

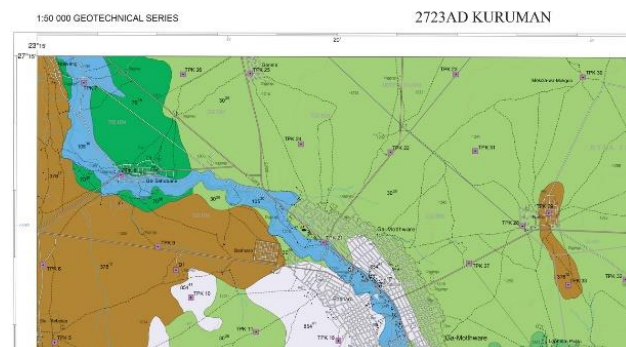
Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

2723AD KURUMAN GEOTECHNICAL MAP

1:50000
1001 x 875
Geotech: N Mkhize; Cartography: M Nkosi
Council for Geoscience
September 2022
English

Abstract / Description

Council for Geoscience: Whilst every effort has been made to ensure the correctness of the information on this map, the Chief Executive Officer of the Council for Geoscience will be highly appreciative of feedback on any errors and omissions. The geotechnical mapping for the 2723AD KURUMAN sheet. In the study area, the Transvaal Supergroup rocks consist of dolomite, chert-rich dolomite, limestone, chert, and banded iron formation. Individual or combinations of these rocks, whether fresh or weathered, and their weathering soil products were encountered almost throughout the site.



ZAF_MP7

Title
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

2329CD POLOKWANE

1:50000

Chief Directorate National Geospatial Information
Chief Directorate National Geospatial Information
February 2023

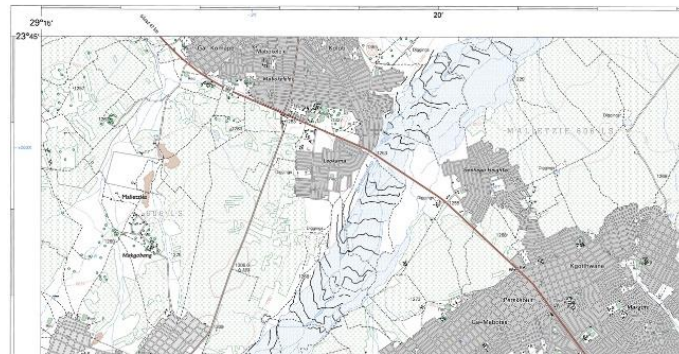
English and Afrikaans

This map may not be reproduced by any means, including digital, without prior permission.

Abstract / Description

The 1:50 000 topographical maps are the largest scale maps providing full coverage of South Africa. They accurately depict the location of natural and man-made features by means of symbols and colour and elevation by means of spot-height and contours (20m interval). Additional information added are place names, boundaries, magnetic data etc. This map contains essential information for planning and decision-making purposes. The 1:50 000 topographical maps are generally compiled from aerial photographs, a standard 1:50 000 map sheet covers a rectangle of 15 minutes of latitude by 15 minutes of longitude.

2329CD POLOKWANE



ZAF_MP8

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

NPE 2024: Smarties Map – eThekweni (ETH): Ward 49 [2011 Wards]

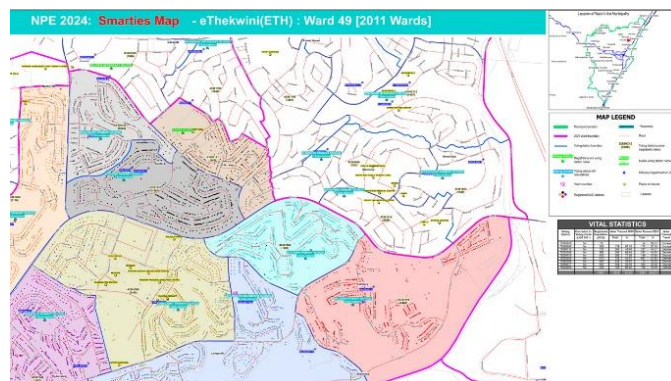
841 x 594

Electoral Commission of South Africa
Electoral Commission of South Africa
May 2023

English

© ELECTORAL COMMISSION

This map shows where registered voters live using different colours for different voting districts.



ZAF_MP9

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Hillshade of Saint Lucia

Thiasha Vythilingam
Thiasha Vythilingam
May 2023
English
© Thiasha Vythilingam 2023
A showcase of the Island of Saint Lucia's topography and natural beauty. Made in QGIS and blender to create an exaggerated hillshade.

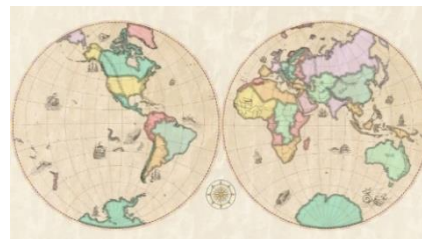


ZAF_MP10

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

ORBIS TERRÆ MODERNI COMPENDIOSA DESCRIPTIO (A Brief Description of the Modern World)

Jeremy Prior
Jeremy Prior
May 2023
English
© Jeremy Prior
Stereographic views of the Eastern and Western hemispheres influenced by ORBIS TERRÆ COMPENDIOSA DESCRIPTIO Ex peritissimorum totius orbis Gaeographorun operibus desumta which I have looked at for a lot of my life.



ZAF_MP11

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Tourism Map of the Waterberg

1:680000
594 x 420
Amy Burness
Waterberg Tourism and the Waterberg Development Initiative
October 2022
English
© Kartoza (Pty) Ltd. 2022
A new tourism map for the Waterberg Biosphere Area.



CHARTS PRODUCTS

ZAF_CP1

| | |
|----------------------------|---|
| Title | 3398 DURBAN |
| Scale | 1:1000000 |
| Author(s) | Chief Directorate National Geospatial Information |
| Published by | Chief Directorate National Geospatial Information |
| Date of publication | March 2023 |
| Languages(s) of the legend | English and Afrikaans |
| Copyright | This map may not be reproduced by any means, including digital, without prior permission. |
| Abstract / Description | This is a 1:1 000 000 International Civil Aviation Organisation World Aeronautical Chart, it has accurate but generalised base maps with only the most important topographical detail shown to enable the overprinted aeronautical information to be clearly legible. The International Civil Aviation Organisation prescribes the rules and regulations regarding aeronautical information shown on this chart, such as navigational aids, air routes etc. |



STORY MAPS

ZAF_SM1

| | |
|----------------------------|---|
| Title | Exploring South Africa |
| Software | ArcGIS StoryMaps (ESRI) |
| Author(s) | Ruvé Benadie |
| Published by | Ruvé Benadie |
| Date of publication | March 2023 |
| Languages(s) of the legend | English |
| Copyright | Copyright belongs to Ruvé Benadie |
| Abstract / Description | A review of extraordinary places visited in and around South Africa through the eyes of the Benadie family. |



ZAF_SM2

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Creating STEM Sensory Gardens in Mamelodi

ArcGIS StoryMaps (Esri)

Martina Jordaan and Ruvé Benadie

Martina Jordaan

April 2023

English

Copyright owned by Martina Jordaan

Students of the Community-based Project Module (code: JCP) of the Faculty of Engineering, Built Environment and IT (JCP), the occupational therapy students of the Siyathemba clinic and the landscape architects created a sensory garden at the University of Pretoria, Mamelodi campus in July 2021. The garden is an ideal training centre for practitioners of Early Childhood Development (ECD) and students enrolled in ECD courses at the Faculty of Education. The garden has also become a safe space for staff on campus.



EDUCATIONAL PRODUCTS

ZAF_EP1

Title

General Participation Certificate - The Gqeberha Theme Park

Author(s)

Grade 10 and 11 learners from Curro Hermanus, Merrifield College & Crawford

International Ruimsig

Published by

Grade 10 and 11 learners from Curro Hermanus, Merrifield College & Crawford

International Ruimsig

Date of publication

July 2022

Languages(s) of the legend

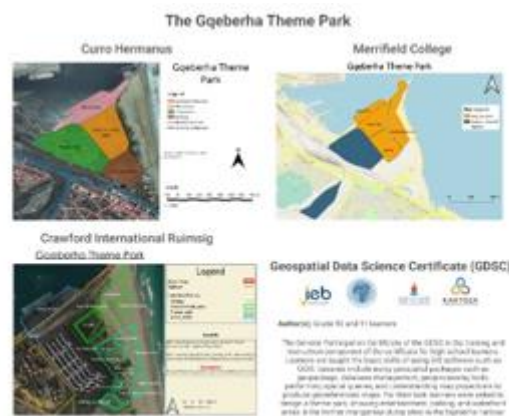
English

Copyright

© Kartoza (Pty) Ltd. 2022

Abstract / Description

The General Participation Certificate of the GDSC is the training and instruction component of the certificate for high school learners. Learners are taught the basic skills of using GIS software such as QGIS. Lessons include using geospatial packages such as geopackage, database management, geoprocessing tools, performing spatial queries, and understanding map projections to produce georeferenced maps.



PHYSICAL PRODUCTS

ZAF_PP1

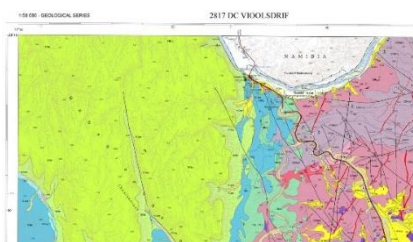
Title
Dimensions(mm)
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

2817DC VIOOLSDRIF GEOLOGICAL MAP

949 x 819
1:50000
Geology: Y Fortune; Cartography: M Nkosi
Council for Geoscience
March 2022
English

Abstract / Description

Council for Geoscience: Whilst every effort has been made to ensure the correctness of the information on this map, the Chief Executive Officer of the Council for Geoscience will be highly appreciative of feedback on any errors and omissions. The westernmost half of sheet 2817DC Vioolsdrif is covered by Nama Group deposits, while the remaining area forms part of the Richtersveld Magmatic Arc (RMA). The Vioolsdrif Domain consists of greenschist-facies crust that was largely excluded from the pervasive crustal re-working during the Mesoproterozoic Namaqua Orogeny. Rocks of the Vioolsdrif Domain consist of the 1800 Ma Orange River Group (ORG) and the Gaarseep granodiorite. The Khoromous Porphyry is dioritic to granitic in composition and has been intruded by the Gaarseep granodiorite. The youngest member of the Goodhouse Subsuite is the pink leucocratic Ramansdrif Alkali Granite.



ZAF_PP2

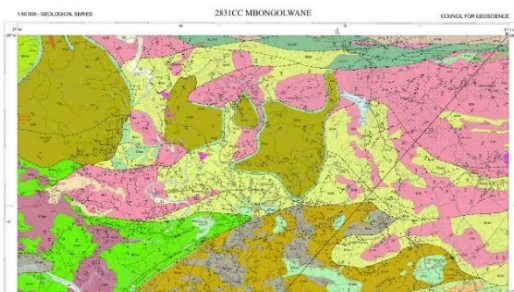
Title
Dimensions(mm)
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

2831CC MBONGOLWANE GEOLOGICAL MAP

1187 x 866
1:50000
Geology: Y Fortune; Cartography: M Nkosi
Council for Geoscience
September 2022
English

Abstract / Description

Council for Geoscience: Whilst every effort has been made to ensure the correctness of the information on this map, the Chief Executive Officer of the Council for Geoscience will be highly appreciative of feedback on any errors and omissions. The 2831CC Mbongolwane 1:50 000 map sheet covers a large portion of the Tugela Terrane of the Mesoproterozoic Namaqua-Natal Metamorphic Province. The terrane is exposed in the deeply incised uThukela River valley where metamorphic lithologies consisting of amphibolite, granite gneiss and ultramafic intrusions are exposed in multiple thrust nappe structures. The current geological map was drafted primarily through interpretations of detailed high resolution aeromagnetic and radiometric geophysical data obtained by the CGS in 2014, with subsequent reconnaissance field mapping for lithological verification. The use of geophysical data has allowed for the mapping of distinct lithologies in regions of limited outcrop and thick vegetation cover.



MAPS PRODUCTS

ESI_MP1

| | |
|----------------------------|--|
| Title | National Topographic Map of Guadarrama Mountain Range (Special sheet) |
| Scale | 1:150000 |
| Dimensions(mm) | 900 x 900 |
| Author(s) | National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN) |
| Published by | National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG) |
| Date of publication | April 2023 |
| Languages(s) of the legend | Spanish |
| Copyright | © Copyright IGN 2023 |
| Abstract / Description | Special map that covers the topography of Guadarrama Mountain Range at 1:50,000 scale. Based on the MTN50 Series. For a more practical presentation and to facilitate transport and logistics, the map is folded and sleeved into a plastic cover due to its dimensions. |



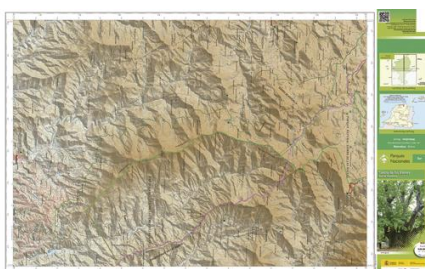
ESI_MP2

| | |
|----------------------------|--|
| Title | National Topographic Map of Hoces del Río Riaza Natural Park (Special sheet) |
| Scale | 1:25000 |
| Dimensions(mm) | 766 x 520 |
| Author(s) | National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN) |
| Published by | National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG) |
| Date of publication | April 2023 |
| Languages(s) of the legend | Spanish |
| Copyright | © Copyright IGN 2023 |
| Abstract / Description | Special map that covers the topography of the Hoces del Río Riaza Natural Park at a scale of 1: 25,000. Based on the MTN25 series. For a more practical presentation and to facilitate transport and logistics, the map is folded. |



ESI_MP3

| | |
|----------------------------|---|
| Title | Map of the Sierra de las Nieves National Park |
| Scale | 1:25000 |
| Dimensions(mm) | 500 x 800 |
| Author(s) | National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN) |
| Published by | National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG) |
| Date of publication | January 2022 |
| Languages(s) of the legend | Spanish |
| Copyright | © Copyright IGN 2022 |
| Abstract / Description | Map of the Sierra de las Nieves National Park at 25k scale with special shading and symbology that includes the routes and points of interest as well as a descriptive guide to the park: flora, fauna, history, trails, etc. |



ESI_MP4

| | |
|----------------------------|--|
| Title | National Topographic Map of Salamanca and its surroundings (Special sheet) |
| Scale | 1:25000 |
| Dimensions(mm) | 1200 x 900 |
| Author(s) | National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN) |
| Published by | National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG) |
| Date of publication | May 2023 |
| Languages(s) of the legend | Spanish |
| Copyright | © Copyright IGN 2023 |
| Abstract / Description | Special map that covers the topography of the city of Salamanca and its surroundings at a scale of 1: 25,000. Based on the MTN25 series. |



ESI_MP5

| | |
|----------------------------|--|
| Title | National Topographic Map of Ávila and its surroundings (Special sheet) |
| Scale | 1:25000 |
| Dimensions(mm) | 800 x 690 |
| Author(s) | National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN) |
| Published by | National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG) |
| Date of publication | May 2023 |
| Languages(s) of the legend | Spanish |
| Copyright | © Copyright IGN 2023 |
| Abstract / Description | Special map that covers the topography of the city of Ávila and its surroundings at a scale of 1: 25,000. Based on the MTN25 series. |



ESI_MP6

| | |
|----------------------------|---|
| Title | Provincial Map of Lugo |
| Scale | 1:200000 |
| Dimensions(mm) | 700 x 1000 |
| Author(s) | National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN) |
| Published by | National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG) |
| Date of publication | January 2022 |
| Languages(s) of the legend | Spanish |
| Copyright | © Copyright IGN 2022 |
| Abstract / Description | Classical topographic map at 1:200,000 scale. Provincial Map Series. |



ESI_MP7

| | |
|----------------------------|--|
| Title | Provincial Map of Asturias |
| Scale | 1:200000 |
| Dimensions(mm) | 1300 x 750 |
| Author(s) | National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN) |
| Published by | National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG) |
| Date of publication | December 2021 |
| Languages(s) of the legend | Spanish |
| Copyright | © Copyright IGN 2021 |
| Abstract / Description | Classical topographic map at 1:200.000 scale. Provincial Map Series. Relief representation with contour lines. |



ESI_MP8

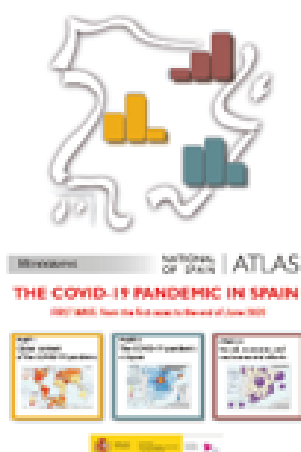
| | |
|----------------------------|---|
| Title | Regional (Autonomous) Map of Principado de Asturias |
| Scale | 1:200000 |
| Dimensions(mm) | 1300 x 750 |
| Author(s) | National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN) |
| Published by | National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG) |
| Date of publication | January 2022 |
| Languages(s) of the legend | Spanish |
| Copyright | © Copyright IGN 2022 |
| Abstract / Description | Regional Map Series. Relief representation with hypsometry and bathymetry. |



ATLASES

ESI_AT1

| | |
|----------------------------|--|
| Title | The COVID-19 pandemic in Spain. First Wave: from the first cases to the end of June 2020 |
| Dimensions(mm) | 365 x 260 |
| Number of pages | 160 |
| Author(s) | National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN) National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG) |
| Published by | May 2022 |
| Date of publication | English |
| Languages(s) of the legend | © Copyright IGN 2022 |
| Copyright | This monograph of the National Atlas of Spain presents a brief summary of the most relevant aspects of the coronavirus pandemic in Spain during the first half of 2020. It begins with a general introduction on the impact of the pandemic in the world and in the European Union. It then delves into the health and demographic aspects of the pandemic in Spain from January to July 2020. Finally, it addresses the consequences of the pandemic in Spain, with emphasis on territorial governance, economy, labour market, Treasury, transport, education and environment. |
| Abstract / Description | |



ESI_AT2

| | |
|----------------------------|---|
| Title | History |
| Dimensions(mm) | 365 x 260 |
| Number of pages | 50 |
| Author(s) | National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN) National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG) |
| Published by | May 2023 |
| Date of publication | Spanish (English under development) |
| Languages(s) of the legend | © Copyright IGN 2022 |
| Copyright | This publication of the National Atlas of Spain is a compilation of the history of Spain explained through maps, from Prehistory to present. It constitutes an attempt to collect the main historical events to facilitate the geographical comprehension, expressed visually through the territorial component. The maps are accompanied by texts, which are the common thread that connects each map, by time lines and by synthetic tables of important events. The National Atlas of Spain has had the collaboration of specialists in History teaching from different Spanish universities and is part of the masterwork "España en mapas, una síntesis geográfica." |
| Abstract / Description | |



ESI_AT3

| | |
|----------------------------|--|
| Title | Exonyms in Spanish. Criteria and usage in cartography National Atlas of Spain |
| Dimensions(mm) | 290 x 210 |
| Number of pages | 92 |
| Author(s) | National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN) National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG) |
| Published by | January 2022 |
| Date of publication | Spanish and English |
| Languages(s) of the legend | © Copyright IGN 2022 |
| Copyright | This monograph of the National Atlas of Spain presents a brief summary of the most relevant aspects of the coronavirus pandemic in Spain during the first half of 2020. It begins with a general introduction on the impact of the pandemic in the world and in the European Union. It then delves into the health and demographic aspects of the pandemic in Spain from January to July 2020. Finally, it addresses the consequences of the pandemic in Spain, with emphasis on territorial governance, economy, labour market, Treasury, transport, education and environment. |
| Abstract / Description | |



DIGITAL PRODUCTS AND SERVICES

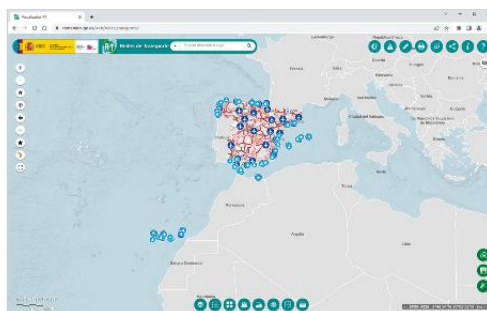
ESI_DPS1

| | |
|----------------------------|---|
| Title | National Atlas of Spain |
| Type | Web Application. PDF, JPG, SHP, XLSX. |
| Operating System | Web server Apache |
| Author(s) | National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN) National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG) |
| Published by | March 2023 |
| Date of publication | Spanish and English |
| Languages(s) of the legend | CC by 4.0 |
| Copyright | www.ign.es/resources/licencia/Condiciones_licenciaUso_IGN.pdf |
| Abstract / Description | Web Application that shows the contents of the National Atlas of Spain. It is also called ANE's Geoportal and provides a comprehensive online platform where users can access a wide range of geographic information about Spain. It offers access to static and interactive maps, cartographic data, and various tools for exploring and analysing spatial data. |



ESI_DPS2

| | |
|----------------------------|--|
| Title | Geoportal: Reference Geographic Information of Transport Network |
| Type | Geoportal |
| Operating System | Web server Apache |
| Author(s) | National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN) National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG) |
| Published by | April 2023 |
| Date of publication | Spanish |
| Languages(s) of the legend | CC by 4.0 |
| Copyright | |
| Abstract / Description | A geoportal of the Geographic Reference Information of the Spanish transport network, it consists of five means of transport: road, rail, inland waterway, air, and cable, as well as their respective intermodal connections. This project is part of the National Cartographic System. The geoportal has a lot of functionality from activating the visualization of different layers, to load standard web services, and making queries to the data base. The result of queries can be downloaded in different formats. In order to improve the data, it is also possible to send mistakes or changes in the data base. |



EDUCATIONAL PRODUCTS

ESI_ED1

Title

Author(s)

Published by

Date of publication

Languages(s) of the legend

Copyright

Abstract / Description

Didactic Atlas of Spain

National Geographic Institute of Spain / Instituto Geográfico Nacional España (IGN)

National Centre for Geographic Information of Spain / Centro Nacional de Información Geográfica España (CNIG)

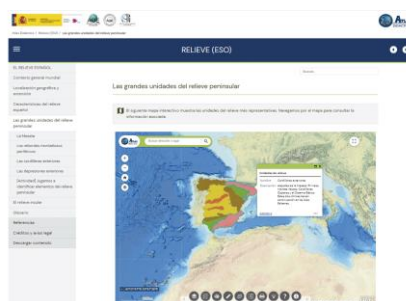
October 2022

Spanish (English under development)

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It is an Open Educational Resource that aims to contribute to the dissemination of geographical knowledge, providing teaching materials that complement the textbooks of Compulsory Secondary Education and High School.

It is composed of five thematic blocks: Cartographic knowledge, Natural environment, Population and settlement, Economic activities and infrastructures and Territorial structure. In each topic, the subject is developed with the support of interactive maps, multimedia and activities. They are complemented by a geographical glossary developed specifically for students. All materials can be consulted online or downloaded for reuse in the classroom.



MAPS PRODUCTS

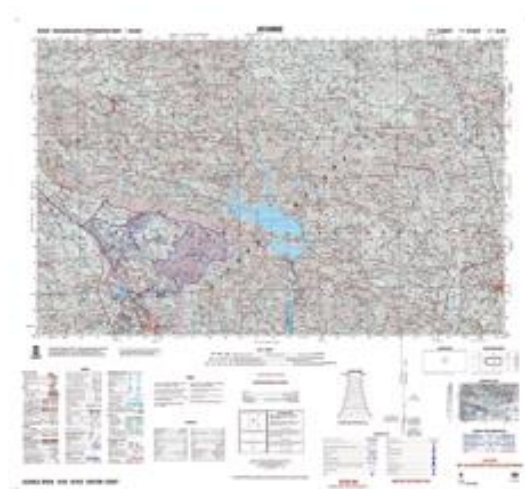
ESP_MP1

| | |
|----------------------------|---|
| Title | P714 Series 48-36 Arrecife Edition1 |
| Scale | 1:150000 |
| Dimensions(mm) | 780 x 530 |
| Author(s) | CENTRO GEOGRÁFICO DEL EJÉRCITO (CEGET) |
| Published by | CENTRO GEOGRÁFICO DEL EJÉRCITO (CEGET) |
| Date of publication | December 2021 |
| Languages(s) of the legend | English and Spanish |
| Copyright | © Copyright CEGET 2021 |
| Abstract / Description | Military Topographic Raster Map 1:50,000 scale edited from vector data. |



ESP_MP2

| | |
|----------------------------|---|
| Title | M781S Series 16-36 Adamuz Edition 1 |
| Scale | 1:150000 |
| Dimensions(mm) | 780 x 530 |
| Author(s) | CENTRO GEOGRÁFICO DEL EJÉRCITO (CEGET) |
| Published by | CENTRO GEOGRÁFICO DEL EJÉRCITO (CEGET) |
| Date of publication | January 2023 |
| Languages(s) of the legend | English and Spanish |
| Copyright | © Copyright CEGET 2023 |
| Abstract / Description | Military Topographic Raster Map 1:50,000 scale edited from vector data. |



ESP_MP3

| | |
|----------------------------|--|
| Title | M682 Series 17-18/15-16 Eivissa Edition 1 |
| Scale | 1:1100000 |
| Dimensions(mm) | 780 x 530 |
| Author(s) | CENTRO GEOGRÁFICO DEL EJÉRCITO (CEGET) |
| Published by | CENTRO GEOGRÁFICO DEL EJÉRCITO (CEGET) |
| Date of publication | January 2023 |
| Languages(s) of the legend | English and Spanish |
| Copyright | © Copyright CEGET 2023 |
| Abstract / Description | Military Topographic Raster Map 1:100,000 scale edited from Spanish Harmonized Vector Database BTN100 (IGN-CEGET). The altimetric representation is a contour every 40 m. It is made according to M682 Series specification and Serie C symbology. |



ESP_MP4

| | |
|----------------------------|--|
| Title | 1501 Series NJ3008 Granada Edition 6 |
| Scale | 1:1250000 |
| Dimensions(mm) | 875 x 610 |
| Author(s) | CENTRO GEOGRÁFICO DEL EJÉRCITO (CEGET) |
| Published by | CENTRO GEOGRÁFICO DEL EJÉRCITO (CEGET) |
| Date of publication | April 2023 |
| Languages(s) of the legend | English and Spanish |
| Copyright | © Copyright CEGET 2023 |
| Abstract / Description | Military Topographic Raster Map 1:250,000 scale edited from M7814 and M7815 generalized vector database. The altimetric representation is a contour every 100m. It is made according to 1501 Joint Operations Graphic Ground Series specification and symbology. |



ESP_MP5

| | |
|----------------------------|--|
| Title | CEGET – WME - 500K - LCC - F03B - ED1 |
| Scale | 1:1500000 |
| Dimensions(mm) | 1400 x 1100 |
| Author(s) | CENTRO GEOGRÁFICO DEL EJÉRCITO (CEGET) |
| Published by | CENTRO GEOGRÁFICO DEL EJÉRCITO (CEGET) |
| Date of publication | October 2022 |
| Languages(s) of the legend | English and Spanish |
| Copyright | © Copyright CEGET 2023 |
| Abstract / Description | Military Topographic Raster Map 1:500,000 scale edited from Collins Bartholomew vector database. |



ESP_MP6

| | |
|----------------------------|---|
| Title | Map of critical minerals in Andalusia |
| Scale | 1:1800000 |
| Dimensions(mm) | 841 x 594 |
| Author(s) | Boixereu Vila, E.; Fernández-Leyva, C. Sánchez García, T.; Adánez Sanjuán, P.; Vega Martín, L.; Santiago Martín, A.; Olmo Sanz, A. del y Martínez Orio, R. (C. N. IGME-CSIC) |
| Published by | Government of Andalusia & Geological and Mining Institute of Spain / Junta de Andalucía e Instituto Geológico y Minero de España (IGME-CSIC) |
| Date of publication | February 2023 |
| Languages(s) of the legend | Spanish |
| Copyright | © Copyright IGME 2023 |
| Abstract / Description | Critical raw material are natural resources essential to the EU economy. This map shows the relationships between the ore occurrence of the critical minerals and their geological setting. The representation of each deposit has been carried out using the variables shape, size, orientation, colour and substance based on information from the IGME's Mineral Resources Database (BDMIN). Name of the Institution contact: Geological and Mining Institute of Spain (IGME-CSIC) Ester Boixereu i Vila: e.boixereu@igme.es (0034) 913495791. |



ESP_MP7

| | |
|----------------------------|--|
| Title | Transit Flying Chart (TFC) Sheet VALENCIA NJ3003 |
| Scale | 1:1250000 |
| Dimensions(mm) | 875 x 610 |
| Author(s) | Cartographic and Photographic Center of the Spanish Air Force (CECAF) |
| Published by | Spanish Ministry of Defense |
| Date of publication | January 2022 |
| Languages(s) of the legend | English and Spanish |
| Copyright | © Copyright CECAF 2022 |
| Abstract / Description | TFC is an aeronautical chart used for mission planning and VFR navigation. The scale, the cartographic projection (U.T.M.) and the published geographical features are the required for a visual flight. Aeronautical information comes from both, AIP-Spain and CECAF. Altimetry has been generated by CECAF while planimetry and bathymetry come from different organisms like IGN, CEGET, IHM and CECAF. Elements that can be dangerous for low altitude navigation, obstacles higher than 62 meters high (200 feet), wind farms or power lines are highlighted. In the center of each grid of the map, there is a figure called Maximum Elevation Figure (MEF) indicating elevation in hundreds of feet. Above this altitude, the flight is considered safe from the point of view of obstacle clearance. There are 44 sheets of LFC in paper format. The coverage of Sheet NJ3003 is (39°00'N, 02°00'W) – (40°00'N, 00°00'W). |

**ESP_MP8**

| | |
|----------------------------|---|
| Title | Low Flying Chart (LFC) Sheet 9 |
| Scale | 1:1500000 |
| Dimensions(mm) | 990 x 690 |
| Author(s) | Cartographic and Photographic Center of the Spanish Air Force (CECAF) |
| Published by | Spanish Ministry of Defense |
| Date of publication | May 2023 |
| Languages(s) of the legend | English and Spanish |
| Copyright | © Copyright CECAF 2023 |
| Abstract / Description | LFC is an aeronautical chart used for mission planning and VFR navigation. The scale, the cartographic projection (Lambert Conformal Conic) and the published geographical features are the required for a visual flight. Aeronautical information comes from both, AIP-Spain and CECAF. Altimetry has been generated by CECAF while planimetry and bathymetry come from different organisms like IGN, CEGET, IHM and CECAF. Elements that can be dangerous for low altitude navigation, obstacles higher than 62 meters high (200 feet), wind farms or power lines are highlighted. In the center of each grid of the map, there is a figure called Maximum Elevation Figure (MEF) indicating elevation in hundreds of feet. Above this altitude, the flight is considered safe from the point of view of obstacle clearance. There are nine sheets of LFC in paper format. The coverage of Sheet 8 is (26°41'N, 18°19'W) – (30°01'N, 13°16'W) approx. |



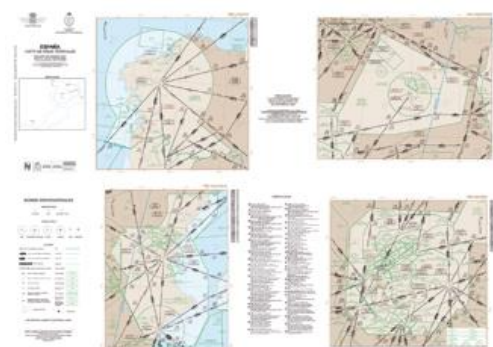
ESP_MP9

| | |
|----------------------------|---|
| Title | IFR Low Altitude Enroute Chart |
| Scale | 1:12000000 |
| Dimensions(mm) | 800 x 500 |
| Author(s) | Cartographic and Photographic Center of the Spanish Air Force (CECAF) |
| Published by | Spanish Ministry of Defense |
| Date of publication | November 2022 |
| Languages(s) of the legend | English and Spanish |
| Copyright | © Copyright CECAF 2022 |
| Abstract / Description | This Low Altitude Enroute Chart is an aeronautical chart used for Low altitude IFR navigation below FL195 (Flight Level below 19500 feet). The scale, the cartographic projection (Lambert Conformal Conic) and the published aeronautical features are the required for instrumental flight. Aeronautical information comes from AIP-Spain. There is only one sheet of IFR Enroute Low Altitude Chart in paper format. In the paper edition on the front the Iberian Peninsula and Baleares Islands are represented, in the back the Canary Islands. The coverage of this sheet is (34°22'N, 09°59'W) – (43°45'N, 05°15'E) Peninsula and (24°51'N, 18°59'W) – (34°45'N, 03°44'W) Canary Islands. |



ESP_MP10

| | |
|----------------------------|---|
| Title | Terminal Maneuvering Area Chart |
| Dimensions(mm) | 875 x 630 |
| Author(s) | Cartographic and Photographic Center of the Spanish Air Force (CECAF) |
| Published by | Spanish Ministry of Defense |
| Date of publication | November 2022 |
| Languages(s) of the legend | English and Spanish |
| Copyright | © Copyright CECAF 2022 |
| Abstract / Description | This Terminal Maneuvering Area (TMA) Chart provide information for airplane IFR operation in the TMA airspaces of Galicia, Zaragoza, Valencia and Madrid. The aim is to provide information to move from the enroute phase of flight to the initial approach to airport. Aeronautical information comes from AIP-Spain. There is only one sheet of TMA in paper format, this is the front view, in the back (not provided) are represented TMA of Barcelona, Palma, Sevilla and Canary Islands. |



CHARTS PRODUCTS

ESP_CP1

| | |
|----------------------------|--|
| Title | 4126 INT 1857 - Ría y puerto de A Coruña-Chart |
| Scale | 1:110000 |
| Dimensions(mm) | 752 x 1061 |
| Author(s) | Instituto Hidrográfico de la Marina (IHM) |
| Published by | Instituto Hidrográfico de la Marina (IHM) |
| Date of publication | March 2023 |
| Languages(s) of the legend | Spanish and English |
| Copyright | © Copyright IHM 2023 |
| Abstract / Description | Located in the NW coast of Spain, this chart represents the port of A Coruña, one of the most important ports of that coast. |



ESP_CP2

| | |
|----------------------------|---|
| Title | 4123 INT 1856 - Puerto de Ferrol |
| Scale | 1:110000 |
| Dimensions(mm) | 1027 x 744 |
| Author(s) | Instituto Hidrográfico de la Marina (IHM) |
| Published by | Instituto Hidrográfico de la Marina (IHM) |
| Date of publication | May 2021 |
| Languages(s) of the legend | Spanish and English |
| Copyright | © Copyright IHM 2021 |
| Abstract / Description | This chart includes both Ferrol fiord and the port of that Galicia village, where the Spanish Navy has an important naval base. |



ESP_CP3

| | |
|----------------------------|--|
| Title | 4171 - Puertos de A Guarda y A Pasaxe |
| Scale | 1:10000 |
| Dimensions(mm) | 651 x 966 |
| Author(s) | Instituto Hidrográfico de la Marina (IHM) |
| Published by | Instituto Hidrográfico de la Marina (IHM) |
| Date of publication | April 2022 |
| Languages(s) of the legend | Spanish |
| Copyright | © Copyright IHM 2022 |
| Abstract / Description | This chart corresponds to the River Miño estuarine and was produced after joint hydrographic campaigns between the hydrographic offices of Spain and Portugal. |



ESP_CP4

| | |
|----------------------------|--|
| Title | 4451 - Puerto de Algeciras |
| Scale | 1:10000 |
| Dimensions(mm) | 733 x 1054 |
| Author(s) | Instituto Hidrográfico de la Marina (IHM) |
| Published by | Instituto Hidrográfico de la Marina (IHM) |
| Date of publication | July 2022 |
| Languages(s) of the legend | Spanish |
| Copyright | © Copyright IHM 2022 |
| Abstract / Description | This is the western part of the Algeciras Bay, one of the most important ports of the south coast in Spain, very close to the Strait of Gibraltar. |



ESP_CP5

| | |
|----------------------------|--|
| Title | 6100 INT 1928 – Puerto de Las Palmas |
| Scale | 1:25000 |
| Dimensions(mm) | 720 x 1049 |
| Author(s) | Instituto Hidrográfico de la Marina (IHM) |
| Published by | Instituto Hidrográfico de la Marina (IHM) |
| Date of publication | November 2022 |
| Languages(s) of the legend | Spanish and English |
| Copyright | © Copyright IHM 2022 |
| Abstract / Description | This chart corresponds to the port of Las Palmas, located in the north of the main of the Canary Islands, and represents a crucial port for the Atlantic and African crossing. |



ATLASES

ESP_AT1

| | |
|----------------------------|--|
| Title | Geological Atlas of the Continental Margin of Spain. 1:500,000 |
| Author(s) | T. Medialdea, L. Somoza, F.J. González (Eds.) |
| Published by | Geological Survey of Spain / Instituto Geológico y Minero de España (IGME-CSIC) |
| Date of publication | December 2021 |
| Languages(s) of the legend | Spanish and English |
| Copyright | © Copyright IGME 2021 |
| Abstract / Description | Geoscientific cartography has been a basic reference for IGME's activity since its creation. The objective of this Atlas is the development for the first time of a digital geological cartographic base of the Spanish continental margins at a scale of 1: 500,000. The Atlas consists of the following thematic maps: Geological; Geomorphological; Volcanic Edifices; Structures associated with Fluid Emissions; Seabed Sediment. Maps of Mineral Resources (Polymetallic Nodules, Polymetallic Sulphides, Placers, Cobalt-rich Ferromanganese Crusts, Evaporites, Rock Pegmatite and Vein- hosted mineralizations and Phosphorites). The geographic area covered by the Atlas includes the Mediterranean and Atlantic continental margins, and the Canary Islands, as well as the adjacent abyssal plains. |

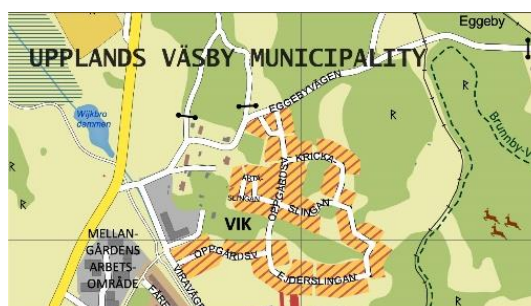


[illegible]

MAPS PRODUCTS

SWE_MP1

| | |
|----------------------------|--|
| Title | Map of Upplands Väsby municipality |
| Scale | 1:10000 |
| Dimensions(mm) | 1360 x 1385 |
| Author(s) | Peter Gustafsson; Daniel Morosini |
| Published by | Municipality of Upplands Väsby, Sweden |
| Date of publication | March 2022 |
| Languages(s) of the legend | Swedish |
| Copyright | © Municipality of Upplands Väsby |
| Abstract / Description | Map of the municipality of Upplands Väsby north of Stockholm, Sweden. Created using QGIS to orientate residents and visualize interest points within the municipality, but also for tourism. The municipality is rich in heritage sites, with a lot of remnants from the Viking age. |



SWE_MP2

| | |
|----------------------------|---|
| Title | Map of Varberg municipality |
| Scale | 1:50000 |
| Dimensions(mm) | 914 x 914 |
| Author(s) | Robert Mehtälä; Magnus Odin |
| Published by | Municipality of Varberg, Sweden |
| Date of publication | March 2023 |
| Languages(s) of the legend | Swedish |
| Copyright | © 2023, Municipality of Varberg |
| Abstract / Description | The map of Varberg Municipality displays land and water in a distinct and visually appealing manner. The map consists of a combination of infrastructure, land use, orthophoto, hillshade and topography both above and below water. The development of the map is part of a comprehensive review of the municipality's various maps. The transition in map production has been from older manual methods to automated and standardized map production, facilitating efficient updates and maintenance. QGIS has been used for styling and creating map templates. QGIS Atlas tool has been used for map sheet management. Data: Varberg Municipality, Swedish National Land Survey, Baltic Sea Hydrographic Commission. |



SWE_MP3

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Abstract / Description

Göta Canal bicycle trail

The Göta Canal Company; Infab Kommunikation
The Göta Canal Company
March 2023
Swedish, English and German

One of the easiest ways to enjoy canal life is on two wheels. Ride along the old towpaths – a total of 87 km with no cars in sight. Watch the locks in action, pat the canal sheep or enjoy a picnic on the canal bank while the boats glide lazily by.

The maps are a combination of data from the Swedish land surveyor, the National Road database and Open Source. Content and colours are customized to launch with the graphic design used by The Göta Canal Company. All symbols are designed by The Göta Canal Company.



SWE_MP4

Title
Scale
Dimensions(mm)
Author(s)

Published by
Date of publication
Copyright
Abstract / Description

National military map scale 1:20 000 tile of the georeferenced raster image

1:20000

500 x 500

Mathias Berlin; Anette Junerud

LANTMÄTERIET - The Swedish Mapping, Cadastral and Land Registration

Authority

March 2022

© Lantmäteriet ©Försvarmakten

Topographic map. Covers Sweden, aprox 5700 geotiff (georeferenced raster image) tiles for use as seamless mosaic in GIS.



SWE_MP5

| | |
|----------------------------|--|
| Title | National military map scale 1:50 000 sheet 5001 Malmö |
| Scale | 1:50000 |
| Dimensions(mm) | 750 x 1040 |
| Author(s) | Anette Junerud |
| Published by | LANTMÄTERIET - The Swedish Mapping, Cadastral and Land Registration Authority |
| Date of publication | September 2022 |
| Languages(s) of the legend | Swedish and English |
| Copyright | © Lantmäteriet ©Försvarsmakten |
| Abstract / Description | Topographic map. Covers 2/3 of Sweden, 234 sheets. Is also available in A3 format and as georeferenced raster image for use as seamless mosaic in GIS. |



SWE_MP6

| | |
|----------------------------|---|
| Title | National military map scale 1:100 000 sheet 1001 Malmö |
| Scale | 1:100000 |
| Dimensions(mm) | 750 x 1040 |
| Author(s) | Anette Junerud |
| Published by | LANTMÄTERIET - The Swedish Mapping, Cadastral and Land Registration Authority |
| Date of publication | June 2022 |
| Languages(s) of the legend | Swedish and English |
| Copyright | © Lantmäteriet ©Försvarsmakten |
| Abstract / Description | Topographic map. Covers Sweden, 101 sheets. Is also available in A3 format and as georeferenced raster image for use as seamless mosaic in GIS. |



SWE_MP7

| | |
|----------------------------|---|
| Title | National military map scale 1:250 000 sheet 2501 Malmö |
| Scale | 1:250000 |
| Dimensions(mm) | 700 x 1000 |
| Author(s) | Mathias Berlin; Anette Junerud |
| | LANTMÄTERIET - The Swedish Mapping, Cadastral and Land Registration |
| Published by | Authorithy |
| Date of publication | December 2021 |
| Languages(s) of the legend | Swedish and English |
| Copyright | © Lantmäteriet ©Försvarsmakten |
| Abstract / Description | General map for planning. Covers Sweden, 23 sheets. Is also available in A3 format and as georeferenced raster image for use as seamless mosaic in GIS. |



SWE_MP8

| | |
|----------------------------|---|
| Title | National military map scale 1:1000 000 Sweden |
| Scale | 1:1000000 |
| Dimensions(mm) | 1610 x 740 |
| Author(s) | Lovisa Widman; Mathias Berlin; Anette Junerud |
| | LANTMÄTERIET - The Swedish Mapping, Cadastral and Land Registration |
| Published by | Authorithy |
| Date of publication | February 2023 |
| Languages(s) of the legend | Swedish and English |
| Copyright | © Lantmäteriet ©Försvarsmakten |
| Abstract / Description | General map for planning. Covers Sweden, 1 sheet. Is also available georeferenced raster image for use as seamless mosaic in GIS. |



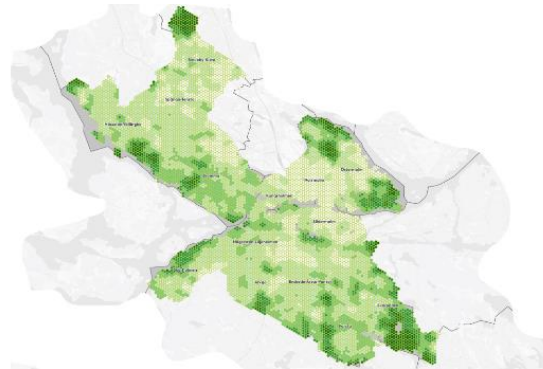
STORY MAPS

SWE_SM1

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Stockholm GIS analyzes

QGIS, FME
GIS engineers; area strategists in the planning department
Municipality of Stockholm, Sweden
March 2023
Swedish
© Municipality of Stockholm
Floral splendour - illustrates access to sociotop qualities;
Betweenness - explains which segments, to a greater degree than others, form straight connections between start and finish points;
Green oasis - illustrates the distance from a square (hexagon) of 25x25 to the nearest sociotop quality
Crown coverage - illustrates individuals' access to greenery in their immediate area.



SWE_SM2

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Abstract / Description

Recreation areas in Skåne

QGIS, Illustrator, InDesign
The Scanian landscape foundation; Infab Kommunikation
The Scanian landscape foundation
December 2022
Swedish
Basic material from older maps as well as parts from Topografi 50 and orthophotos from the Land Survey, styled to fit the context.



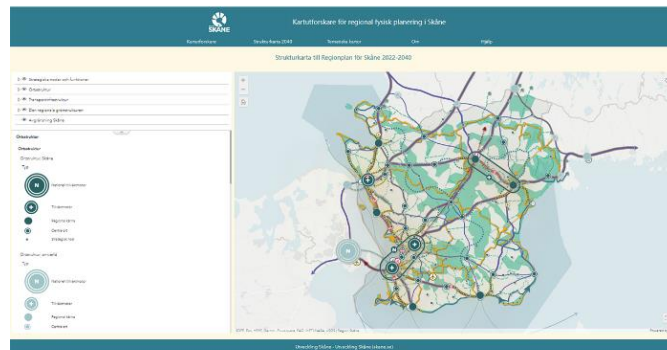
SWE_DPS2

Title
Type
Operating System
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Structural map of Skåne 2040 (Strukturkarta för Skåne 2040)

Web map
Modern web browser
Jenny Rassmus
Region Skåne, Sweden
June 2022
Swedish
© Region Skåne

The structural map is part of the regional plan for Skåne, which is about management of land and water areas and how it's to be carried out in the region. The map highlights cities and towns from a functional and regional perspective. Every town is shown out of their specific contribution to the Scanian multicentric division. The map also highlights the green infrastructure and the transport infrastructure. The map can be seen in four different views: a comprehensive map (1a. Samlingskarta), the structure of cities and towns (1b. Ortsstruktur), the transport infrastructure (1c. Transportinfrastruktur) and the green infrastructure (1d. Grönstruktur).



PHYSICAL PRODUCTS

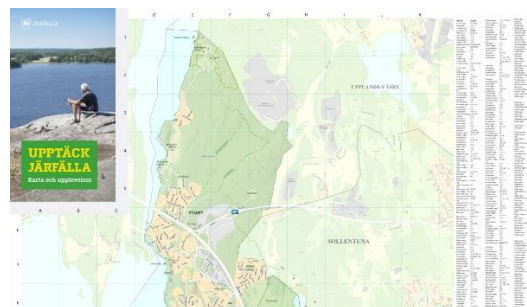
SWE_PP1

Title
Dimensions(mm)
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Visit Järfälla

1023 x 700
1:15000
Martin Ehrlén
Municipality of Järfälla, Sweden
December 2021
Swedish

© Lantmäteriet (Land survey of Sweden), Trafikverket (The Swedish Transport Administration), Järfälla kommun (Municipality of Järfälla)
A duplex map showing an overview of the municipality and all its sights. Produced completely in QGIS.



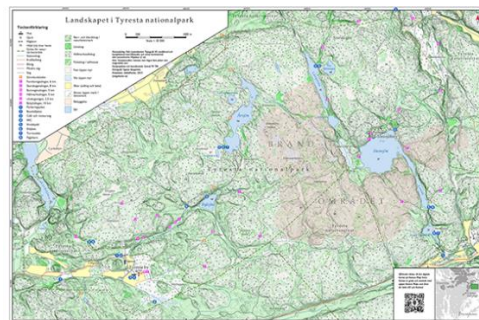
SWE_PP2

Title
Dimensions(mm)
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

The landscape of Tyresta National Park, Sweden

260 x 400
1:20000
Ingmar Borgström
UtåGåKartor
March 2023
English
© UtåGåKartor

Tyresta National Park is characterized by flat-rock hills and elongated rock valleys. Sparse dry pine forest on thin soil cover dominates on the hills, while lakes, bogs and humid mixed forests occupy the valleys. Cliff walls are often steep, but sometimes the soil cover forms gentle slopes with spruce forest and blueberry rice. Forestry has not been practiced for many hundreds of years and Tyresta is the closest you can get to primeval forest in the Stockholm region. Owls, woodpeckers, moose, and deer thrive here, as well as a diversity of mosses and lichens.



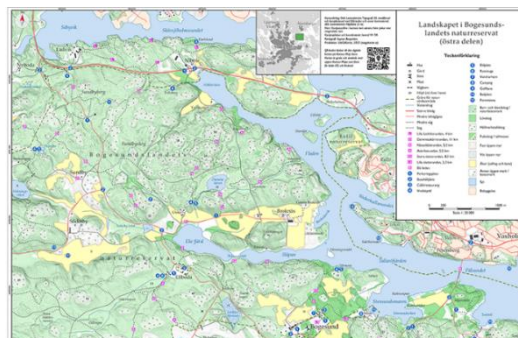
SWE_PP3

Title
Dimensions(mm)
Scale
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

The landscape of Järvafältets nature reserves, Sweden

375 x 295
1:20000
Ingmar Borgström
UtåGåKartor
March 2023
English
© UtåGåKartor

At Järvafältet there are traces of human activity that go back thousands of years. Today it is a farming and grazing landscape, and in the forests, you can find remains of stone fences reminiscent of former fields and old forest pastures. The landscape is a mosaic of forest, fields and pastures, with meadows and mixed and deciduous forest in the valleys and pine forest on mountain tops. The five nature reserves are all intended for an active outdoor life and the area is used extensively by hikers, runners and schoolchildren thanks to the proximity to built-up areas.



MAPS PRODUCTS

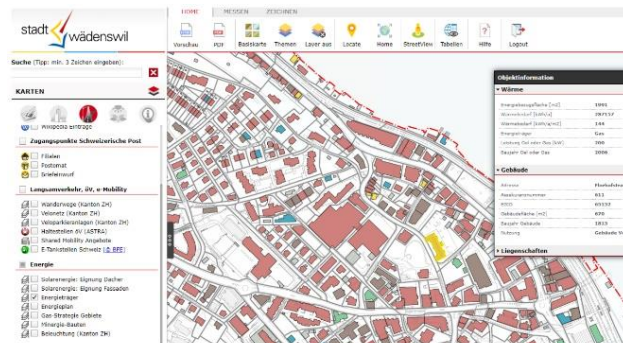
CHE_MP1

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

The city of Wädenswil's energy source map

Golrang Daneshgar; City of Waedenswil, Switzerland
City of Waedenswil, Switzerland
January 2022
German
Publicly available

The web map serves as basis for energy monitoring towards net zero emissions. Originally only energy sources were visible, since 2022 the map also depicts total energy consumption and consumption per sqm and the age and performance of the heating system.



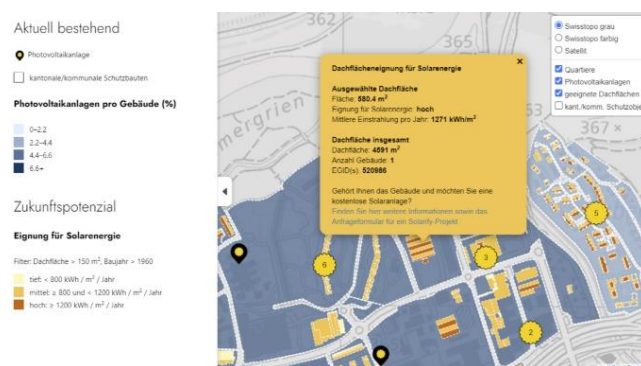
CHE_MP2

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Interactive map for solar system potential

André Bruggmann; Crosswind GmbH; Solarify GmbH
Crosswind GmbH; Solarify GmbH
April 2023
German
© Crosswind GmbH and Solarify GmbH, 2023.

Crosswind and Solarify collaborate to promote energy transition via an interactive map showing existing solar systems and highlighting roofs suitable for new projects via a platform. The web uses Leaflet and aims for user-friendly and interactive design.



CHE_MP3

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

St. Gallen Globus Online

Jonas Christen; Zürcher Hochschule der Künste
Zürcher Hochschule der Künste
December 2022
German

© Zürcher Hochschule der Künste

In 1712, the St. Gallen Globus was taken to Zurich as war booty. In 2006, it was decided that Zurich would keep the original globe but create a replica and a web-based version for St. Gallen. It can be viewed online with interactive features.



CHE_MP4

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Cities with more than 100,000 inhabitants

Stephan Wondrak
Stephan Wondrak
January 2023

German

© 2023 Stephan Wondrak

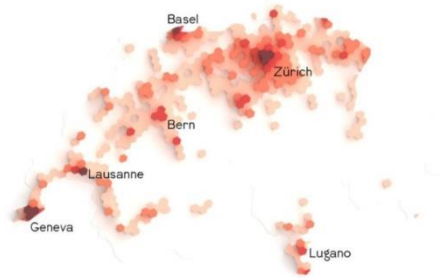
World population grows by 180k daily. This map shows cities with >100k inhabitants globally, using a cylindrical Gall-Peter projection. Uniform symbol size for all cities, no national borders, and colors based on artificial lighting impressions at night.



CHE_MP5

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Population of Switzerland 2022
Hemed Lungo
Hemed Lungo
April 2023
English
© 2023, Hemed Lungo
Population Density, Switzerland, 3-D



CHE_MP6

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

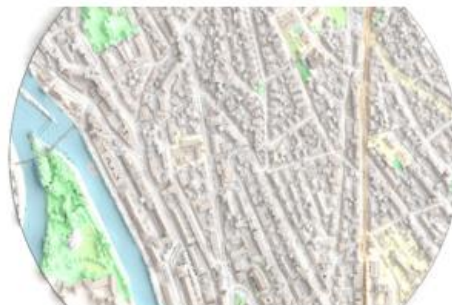
Minimalistic Map of Lausanne
Hemed Lungo
Hemed Lungo
April, 2023
English
© 2023 Hemed Lungo
Minimalistic Map of Lausanne.



CHE_MP7

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Minimalistic Map of Zürich
Hemed Lungo
Hemed Lungo
April 2023
English
© 2023, Hemed Lungo
City Display,3-D Display,Blender



CHE_MP8

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Minimalistic map of Geneva

Hemed Lungo
Hemed Lungo
March 2023
English
© 2023 Hemed Lungo
3-D city visualization, Switzerland, Swisstopo, Used Blender and QGIS in preparing.



CHE_MP9

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Mapping the most liveable city: Vienna

Sacha Schlumpf; Esri Schweiz AG
Sacha Schlumpf
September 2022
English
© 2022 Sacha Schlumpf
I created these maps during my internship at Esri Zurich, to be exhibited at EuroCarto 2022 in Vienna. I wanted to highlight the architectural features of Viennese buildings. I transformed the 3D building models into a digital elevation model (DEM) and applied shaded relief. For the night map, I generated points along the roads to simulate streetlights, then overlaid four layers: streetlights, a heat map, roads, and a buffer. By playing with colors and effects, I achieved this lighting effect. Visitors at EuroCarto particularly enjoyed searching for the 15 hidden objects.



CHE_MP10

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Travelling while Dreaming

Sacha Schlumpf; Technische Universität Wien
Sacha Schlumpf
June 2022
English
© 2022 Sacha Schlumpf

I created this map during my Master's in Cartography in Vienna. The aim is to arouse curiosity and raise awareness of overnight trains as an alternative to air travel for international trips in Europe. The specialty of this map is that it shows the precise paths taken by the trains. The relief used as the background was created in 3D using Blender, and the colors were added in Photoshop. The rest was done in Illustrator. The layout and numerous elements around the map are meant to guide the reader's eye.



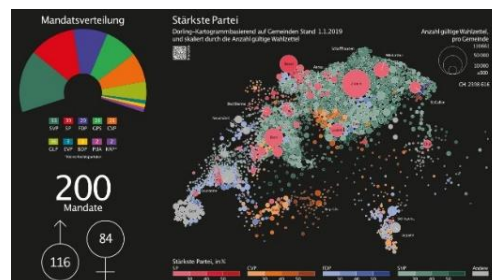
CHE_MP11

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Interactive infographic for the National Council elections 2019

Emanuel Jenni; Bundesamt für Statistik
Emanuel Jenni
April 2022
German
© 2022 Emanuel Jenni

This product was created as part of my Individual Practical Final Project during the qualification process for a Geomatics specialization in Cartography. The task was to create an infographic with cartograms using RStudio. Additionally, a production guide for the infographics was also created.



CHE_MP12

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Responsibility and Vulnerability to Climate Change

Sacha Schlumpf; Technische Universität Wien; HarperCollins Publishers
Sacha Schlumpf
May 2023
English
© 2023 Sacha Schlumpf

A graphic resembling a map, designed to create surprise and interest. Using space as a visual metaphor has various cognitive advantages and encourages exploration. This map is the subject of my thesis, which I am writing at TUW as part of my international master's degree in cartography. A modified version of this map, which I created at HarperCollins Publishers in Glasgow, will be published in the upcoming edition of the Comprehensive Times Atlas of the World. I used R, Python (especially for generating the relief), ArcGIS Pro, and Illustrator. Inspired by the Atlas der politischen Landschaften (Hermann & Leuthold, 2003).



CHARTS PRODUCTS

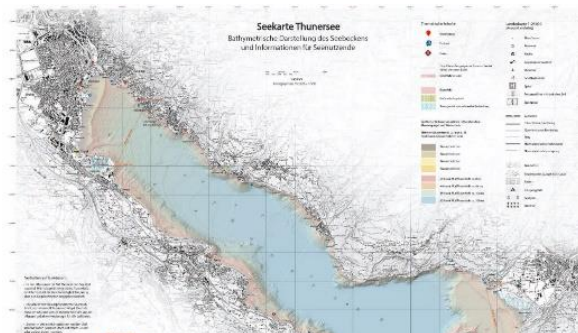
CHE_CP1

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Thunersee Seekarte

1:25000
821 x 574
Valerie Schneider; Institute of Cartography and Geoinformation, ETH Zürich
Institute of Cartography and Geoinformation, ETH Zürich
January 2022
German
© 2022, Valerie Schneider

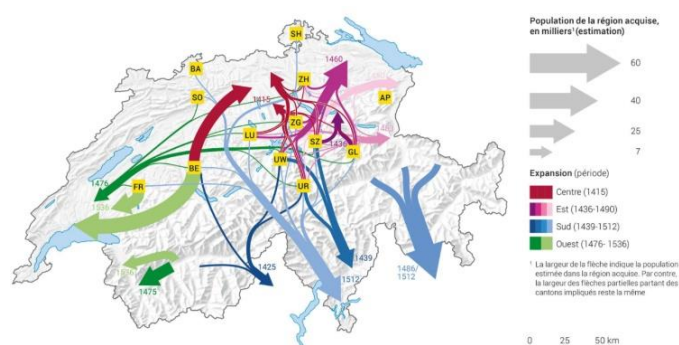
The nautical chart shows bathymetry and shoreline features, offering water sports enthusiasts an overview of possible uses. The thematic overlay includes rules, infrastructure, and navigation. The project focused on topographic lake basin representation.



ATLASES

CHE_AT1

| | |
|----------------------------|---|
| Title | The censuses in Switzerland before 1850 |
| Number of pages | 380 |
| Dimensions(mm) | 821 x 574 |
| Author(s) | Bundesamt für Statistik, Martin Schuler |
| Published by | Bundesamt für Statistik |
| Date of publication | June 2023 |
| Languages(s) of the legend | French and German |
| Copyright | Bundesamt für Statistik |
| Abstract / Description | This book, consisting of approximately 380 pages, provides an overview of all population counts conducted in Switzerland prior to the first Federal Census of 1850. The cartography includes one to three maps per canton, depicting political structures down to the local level during the periods of the Old Regime, the Helvetic Republic, and the first half of the 19th century. Other maps illustrate the population evolution by municipalities (using symbols) and districts (using choropleth maps) for eight 30-year periods. While the cartographic methods are conventional, the before unpublished content of the maps showcases the extensive collection of sources. |



DIGITAL PRODUCTS AND SERVICES

CHE_DPS1

| | |
|----------------------------|--|
| Title | QField 2.0 |
| Type | Application |
| Operating System | Windows, Android, iOS |
| Author(s) | Marco Bernasocchi, OPENGIS.ch GmbH |
| Published by | OPENGIS.ch GmbH |
| Date of publication | April 2022 |
| Languages(s) of the legend | English |
| Copyright | GNU Public License (GPL) Version 2 or above |
| Abstract / Description | QField is a field data acquisition app for QGIS, used by 175k+ and downloaded 650k+ times. It supports common file formats, has intuitive data display and processing, and optimized forms for touch interaction. QFieldCloud enables seamless field work. |



CHE_DPS2

Title
Type
Operating System
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

FahrwegDiagnose Dashboard

Application
Operating System independent Web Application
Christoph Müller; Sersa Group AG (Schweiz); ARGE FahrwegDiagnose
Sersa Group AG (Schweiz) and ARGE FahrwegDiagnose
October 2022

English

© 2022 Sersa Group AG (Schweiz) and ARGE FahrwegDiagnose

The dashboard is a visualization platform for railway companies to monitor infrastructure-related parameters. It provides quick access to relevant data and interfaces with common systems for detail analysis, minimizing time-consuming field inspections.



CHE_DPS3

Title
Type
Operating System
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Eduard

Application

MacOS

Bernhard Jenny; Dilpreet Singh; Magnus Heitzler; Marianna Farmakis-Serebryakova; Lorenz Hurni; Monash University, Melbourne, Australia; Institut für Kartografie und Geoinformation, ETH Zürich
Monash University, Melbourne and ETH Zurich

October 2022

English

© 2022–2023 by Monash University, Melbourne and ETH Zurich, All rights reserved.

Eduard app creates shaded relief images that are indistinguishable from hand-drawn shadings. It uses design principles of manual relief shading. Cartographers can generate Swiss-style shaded relief with neural networks from DEMs in seconds.



EDUCATIONAL PRODUCTS

CHE_ED1

Title

Author(s)

Published by

Date of publication

Languages(s) of the legend

Copyright

Abstract / Description

MyPlanet

Adrian Lüthi; University of Fribourg; Gymnasium Burgdorf

Adrian Lüthi; University of Fribourg; Gymnasium Burgdorf

January 2023

German

© 2023, Adrian Lüthi, University of Fribourg, Gymnasium Burgdorf

MyPlanet web platform enables quick answers to questions about green spaces in Bern, ski resort snow levels, and air pollution across Europe using satellite imagery, height data, light emissions and nitrogen oxide concentrations.



CHE_ED2

Title

Dimensions

Author(s)

Published by

Date of publication

Languages(s) of the legend

Copyright

Abstract / Description

AtlaSH: Map Stories of the Canton of Schaffhausen

297 x 210

Pascal Tschudi

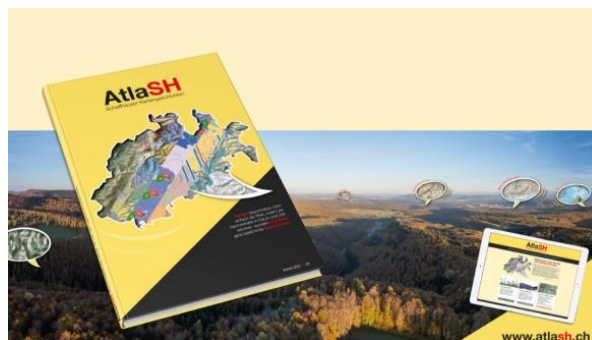
Pascal Tschudi

May 2023

German

© 2023 Pascal Tschudi

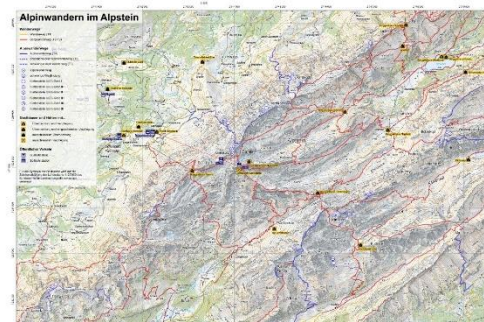
Stories about and related to the canton of Schaffhausen are intended to be told in a slightly alternative manner in this educational resource called AtlaSH, rather than in the form of a traditional school atlas. While the individual map representations remain the main protagonists, additional supporting actors such as aerial photographs, infographics, statistics, and textual elements are meant to co-narrate the map stories and provide further academic insights, while also training methods of analyzing and evaluating media.



PHYSICAL PRODUCTS

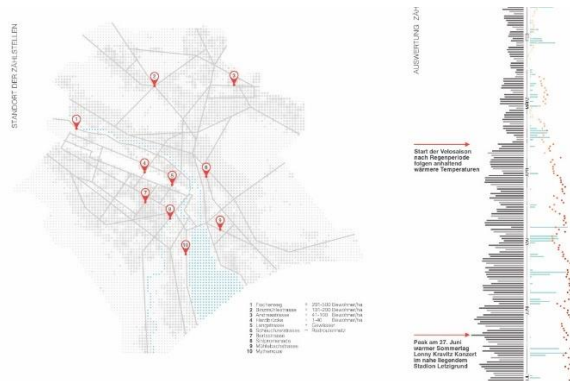
CHE_PP1

| | |
|----------------------------|---|
| Title | Alpine hiking in the Alpstein |
| Dimensions | 841 x 594 |
| Scale | 1:15000 |
| Author(s) | Jérôme Messmer |
| Published by | Institute of Cartography and Geoinformation, ETH Zürich |
| Date of publication | July 2022 |
| Languages(s) of the legend | German |
| Copyright | © 2022 Jérôme Messmer |
| Abstract / Description | The map design includes alpine hiking routes from the Swiss Alpine Club, public transport stops, and huts. Designed using QGIS, the map provides information on path characteristics and is designed for general and alpine hiking. |

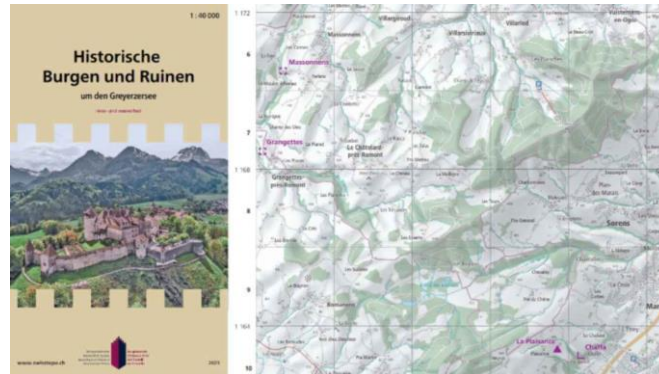


CHE_PP2

| | |
|----------------------------|---|
| Title | Bicycle frequencies in the city of Zurich |
| Author(s) | Gianna Müller; Fachhochschule Nordwestschweiz: Hochschule für Architektur, Bau und Geomatik FHNW |
| Published by | Fachhochschule Nordwestschweiz: Hochschule für Architektur, Bau und Geomatik FHNW |
| Date of publication | February 2023 |
| Languages(s) of the legend | German |
| Copyright | © 2023, Gianna Müller |
| Abstract / Description | In the submitted poster, open data of bicycle frequencies in the City of Zurich are visualized. Different diagrams show how the numbers have varied over time and geography and what influence rainfall, temperatures, population density, etc. have. The poster was created as part of a project work at the University of Applied Sciences and Arts Northwestern Switzerland. The data preparation was done in R and the visualizations were created in QGIS and Vectorworks. |



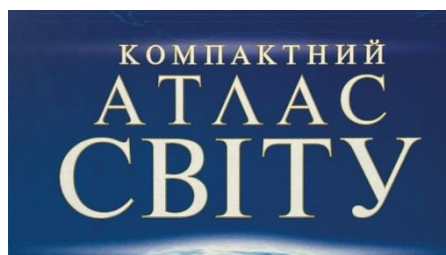
| | |
|----------------------------|--|
| Title | Historical castles and ruins |
| Dimensions | 698 x 451 |
| Scale | 1:40000 |
| Author(s) | Dorian Ramos; Bundesamt für Landestopografie swisstopo |
| Published by | Bundesamt für Landestopografie swisstopo |
| Date of publication | March 2023 |
| Languages(s) of the legend | German |
| Copyright | © 2023, Dorian Ramos and Bundesamt für Landestopografie swisstopo |
| Abstract / Description | The map was created during the Geomatics apprenticeship in cartography. A printed folded map and a digital version were created over. It contains information on the type, condition, and age of the historical objects around Lake Greyerzer. |



ATLASES

UKR_AT1

| | |
|----------------------------|---|
| Title | Compact Atlas of the World |
| Dimensions(mm) | 240 x 170 |
| Number of pages | 192 |
| Author(s) | Zhanna Bonk, Olena Korol, Olena Onyshchak |
| Published by | The State Scientific and Production Enterprise "Cartographiia" |
| Date of publication | January 2023 |
| Languages(s) of the legend | Ukrainian |
| Copyright | SSPE "Cartographiia" is the exclusive owner of the copyright to the Compact Atlas of the World, as provided by the Law of Ukraine "On Copyright and Related Rights" |
| Abstract / Description | The Compact Atlas of the World is a comprehensive scientific and reference cartographic publication intended for a wide range of readers. The Atlas contains geographical and political maps, maps of continents and oceans, and maps of individual groups of countries. Ukraine is presented in a separate section. Maps reflect the current political structure of the world. They indicate the borders of states and their administrative structure. The cartographic material of the Atlas is supplemented with reference information about each country in the world and an index of geographical names. |



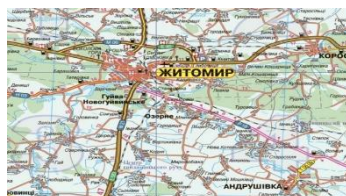
UKR_AT2

| | |
|----------------------------|---|
| Title | Road Atlas. Europe. 1:3 500 000 |
| Dimensions(mm) | 235 x 155 |
| Number of pages | 64 |
| Author(s) | Olena Khilchevska, Dmytro Tykhomyrov |
| Published by | The State Scientific and Production Enterprise "Cartographiia" |
| Date of publication | March 2023 |
| Languages(s) of the legend | Ukrainian, Russian, English and German |
| Copyright | SSPE "Cartographiia" is the exclusive owner of the copyright to the "Road Atlas. Europe. 1:3 500 000", as provided by the Law of Ukraine "On Copyright and Related Rights" |
| Abstract / Description | The Atlas contains a 32-page up-to-date road map of Europe, which shows existing and under construction highways; roadways 1, 2 class and others; European and national road numbering; road distances (in km); railways; ferries and sea routes; checkpoints on the state border of Ukraine. For clarity, roads with European numbering, which are the main transit routes, are highlighted in green. For quick search of the page with the required region, there is a layout of the road map pages, next to which there are car codes and flags of European countries. |



UKR_AT3

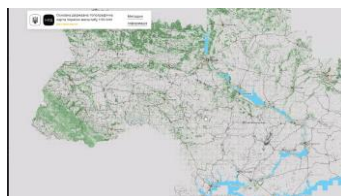
| | |
|----------------------------|--|
| Title | Road Atlas. Ukraine. 1:500 000 |
| Dimensions(mm) | 240 x 170 |
| Number of pages | 200 |
| Author(s) | Oleh Homaionov, Iryna Kopylova, Nadiia Kryzhova, Dmytro Tykhomyrov, Olena Khilchevska |
| Published by | The State Scientific and Production Enterprise "Cartographiia" |
| Date of publication | January 2023 |
| Languages(s) of the legend | Ukrainian and English |
| Copyright | SSPE "Cartographiia" is the exclusive owner of the copyright to the "Road Atlas. Europe. 1:3 500 000", as provided by the Law of Ukraine "On Copyright and Related Rights" |
| Abstract / Description | The Atlas allows to calculate the optimal route, choose the shortest way to your destination, get reliable information about the location of settlements, gas stations, parking lots, service stations, hotels, campsites, restaurants, cafes and other things that drivers need. Kilometer distances are marked both at crossroads and between large settlements. The Atlas includes: a map of Ukrainian roads based on topographic maps at a scale of 1:500 000; a layout of the road map pages; symbols in Ukrainian and English; a table of distances between administrative centers; 55 city plans of Ukraine with main roadways and an index of names of settlements with the corresponding page and square. |



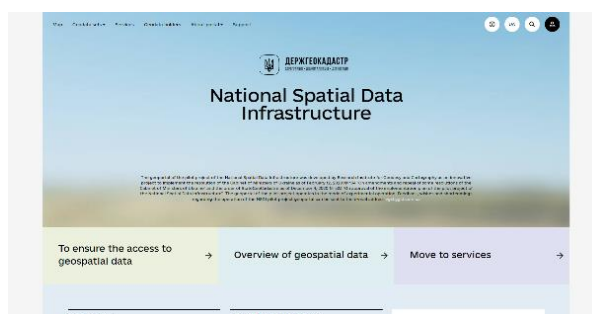
DIGITAL PRODUCTS AND SERVICES

UKR_DPS1

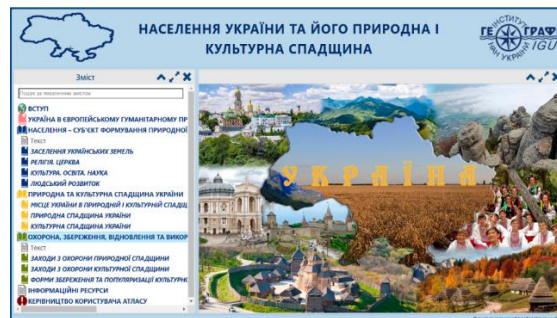
| | |
|----------------------------|---|
| Title | The Main State Topographic Map at a scale of 1:50,000 |
| Type | Web map, TMS/XYZ Tile |
| Operating System | Windows, MacOS, Linux, Android, iOS |
| Author(s) | The State Service of Ukraine for Geodesy, Cartography and Cadastre in cooperation with the Norwegian Mapping Authority (Statens Kartverk) |
| Published by | State Enterprise "National Research Institute of Geodesy and Cartography" (RIGC) |
| Date of publication | January 2022 |
| Languages(s) of the legend | Ukrainian |
| Copyright | StateGeoCadastre is the exclusive owner of the copyright to the Main State Topographic Map at a scale of 1:50,000, as provided by the Law of Ukraine "On Copyright and Related Rights". |
| Abstract / Description | During 2018-2022, as part of the project with the Norwegian Mapping Authority "Maps for Good Land Governance in Ukraine", the StateGeoCadastre organized the creation (updating) of a digital topographic map at a scale of 1:50,000 and the creation of a database of topographic data for the territory of Ukraine, which are displayed on the National Geoportal of the NSDI pilot project. In total, 1288 updated map sheets of the digital map were produced for the territory of 436,135 km ² . Providing users with access to and utilization of the digital map has ensured a unified cartographic basis for geospatial data holders at the central and local levels. This prevented the incompatibility of the map basis and facilitated the creation of new geospatial datasets and their integration into the National Spatial Data Infrastructure. |



| | |
|----------------------------|---|
| Title | National Geoportal of the Pilot Project on the National Spatial Data Infrastructure of Ukraine |
| Type | Web service |
| Operating System | Windows, MacOS, Linux, Android, iOS |
| Author(s) | StateGeoCadastr, State Enterprise "National Research Institute of Geodesy and Cartography" (RIGC) |
| Published by | State Enterprise "National Research Institute of Geodesy and Cartography" (RIGC) |
| Date of publication | January 2022 |
| Languages(s) of the legend | Ukrainian |
| Copyright | StateGeoCadastr is the exclusive owner of the copyright to the National Geoportal of the Pilot Project on the National Spatial Data Infrastructure of Ukraine, as provided by the Law of Ukraine "On Copyright and Related Rights". |
| Abstract / Description | The National Geoportal is the official geoportal of the National Spatial Data Infrastructure of Ukraine, created to provide automated support to holders, producers and users of geospatial data in the process of their activities with geospatial data and metadata in accordance with the Law of Ukraine "On NSDI". The primary objective of the National Geoportal is to ensure the publication of and access to geoinformation infrastructure resources (metadata, geospatial data and geoinformation services) based on electronic information interaction on the Internet with geoportals of executive authorities, local self-government bodies and geoportals of other data holders. The purpose of the National Geoportal is to ensure the deployment and sustainable functioning of NSDI and to create conditions for further integration of NSDI into the European Union's geographic information infrastructure INSPIRE. |



| | |
|----------------------------|--|
| Title | Interactive Atlas "Population of Ukraine and its Natural and Cultural Heritage |
| Type | App, Web map |
| Operating System | Windows, Android, iOS |
| Author(s) | Institute of Geography of the National Academy of Sciences of Ukraine |
| Published by | National Academy of Sciences of Ukraine |
| Date of publication | January 2022 |
| Languages(s) of the legend | Ukrainian |
| Copyright | Institute of Geography of the National Academy of Sciences of Ukraine is the exclusive owner of the copyright, as provided by the Law of Ukraine "On Copyright and Related Rights". |
| Abstract / Description | The first interactive atlas in Ukraine "The Population of Ukraine and its Natural and Cultural Heritage" reflects the relationship between the population and its heritage and characterizes the stages of its formation and functioning. The Atlas, compiled using the methods of geographic information mapping, is a further development of conceptual solutions for the formation of thematic National Spatial Data Infrastructure, which was implemented during the creation of the National Atlas of Ukraine. The Atlas contains about 4 gigabytes of various information that can be focused on 98 vector maps, texts, photos, and tables. The development can be used as a resource for information support of the planning process of balanced regional and state development in the direction of humanization of society, as well as a source of knowledge that can be useful for professionals in various specialties and for the general population. |



EDUCATIONAL PRODUCTS

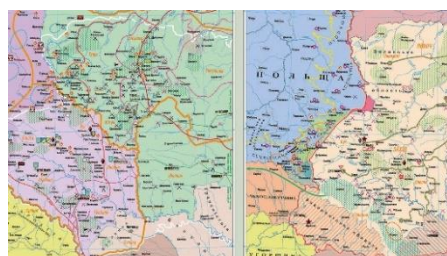
UKR_EP1

| | |
|----------------------------|---|
| Title | Atlas "Introduction to the History of Ukraine. 5th grade" New Ukrainian school" |
| Dimensions(mm) | 280 x 220 |
| Author(s) | Dmytro Isaiev, Valentyna Sokolova |
| Published by | The State Scientific and Production Enterprise "Cartographiia" |
| Date of publication | January 2023 |
| Languages(s) of the legend | Ukrainian |
| Copyright | SSPE "Cartographiia" is the exclusive owner of the copyright to the Atlas "Introduction to the History of Ukraine. 5th grade" New Ukrainian school", as provided by the Law of Ukraine "On Copyright and Related Rights" |
| Abstract / Description | The new Atlas presents maps showing Ukraine's place and relations with neighboring states in the context of European history: Primitive times, Antiquity, Middle Ages, Modern times, Recent history, and Present times. The Atlas shows the history of Ukraine on the so-called "timeline". The Atlas contains unique maps: "Sources of studying history", "History of Ukraine in symbols and signs", "What do geographical names tell about", "Historical and geographical regions of Ukraine", "History of Ukraine in monuments", "Outstanding figures in the history and culture of Ukraine". The Atlas also includes a map "Ukraine and the World" that shows countries of the world and their attitude to Russian aggression, centers of the Ukrainian diaspora, locations of prominent museums around the world, and illustrates famous Ukrainians and people from Ukraine. |



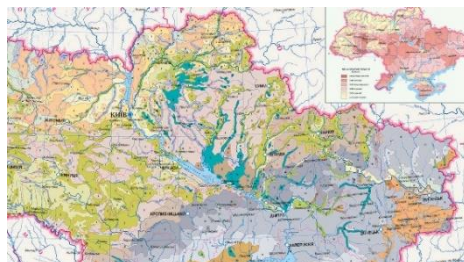
UKR_EP2

| | |
|----------------------------|---|
| Title | Wall map "National Liberation Struggle in Western Ukraine. 1941 - 1950" |
| Dimensions(mm) | 1540 x 1080 |
| Author(s) | Dmytro Isaiev |
| Published by | The State Scientific and Production Enterprise "Cartographiia" |
| Date of publication | January 2022 |
| Languages(s) of the legend | Ukrainian |
| Copyright | SSPE "Cartographiia" is the exclusive owner of the copyright to the Atlas "Introduction to the History of Ukraine. 5th grade" New Ukrainian school", as provided by the Law of Ukraine "On Copyright and Related Rights" |
| Abstract / Description | The Map consists of two parts, covering the corresponding periods of the Ukrainian liberation movement, which are studied in 10th and 11th grades. The Map covers all the historical topics provided for by the school curriculum: the Poliska Sich, the Ukrainian Insurgent Army base areas, the Ukrainian Insurgent Army's struggle against the German and Soviet troops, the Ukrainian-Polish confrontation, Ukrainian organizations under occupation, the dynamics of the Soviet-German front in 1944. The theme of the forced exchange of population between Soviet Ukraine and Poland is highlighted, the ways of deportation of Ukrainians during the operation "West" are shown. Particular attention is paid to the territorial changes of 1945-1951, which formed the western border of modern Ukraine. |



UKR_EP3

| | |
|----------------------------|---|
| Title | Ukraine. Soils. Educational Wall Map. 1:1 000 000 |
| Dimensions(mm) | 1480 x 1070 |
| Author(s) | Iryna Drahushevska, Olena Onyshchak |
| Published by | The State Scientific and Production Enterprise “Cartographiia” |
| Date of publication | January 2023 |
| Languages(s) of the legend | Ukrainian |
| Copyright | SSPE “Cartographiia” is the exclusive owner of the copyright to the Atlas “Introduction to the History of Ukraine. 5th grade” New Ukrainian school”, as provided by the Law of Ukraine "On Copyright and Related Rights" |
| Abstract / Description | The Map "Ukraine. Soils" displays the types of soils, which are shown in different colors. The main map is supplemented by an inset map "Soil Fertility" at a scale of 1:4 500 000, which shows the level of soil fertility in Ukraine (in points). The Map also includes a pie chart "The structure of the soil cover of Ukraine", which shows the percentage of soil types from the total area of the soil cover. |



UKR_EP4

| | |
|----------------------------|---|
| Title | Interactive map "Africa" |
| Author(s) | Vitalii Ostroukh, Veronika Radchenko |
| Published by | The State Scientific and Production Enterprise "Cartographiia" |
| Date of publication | January 2022 |
| Languages(s) of the legend | Ukrainian |
| Copyright | SSPE "Cartographiia" is the exclusive owner of the copyright to the Interactive map "Africa", as provided by the Law of Ukraine "On Copyright and Related Rights". |
| Abstract / Description | The interactive map "Africa. 7th grade" is intended for individual student work and for teaching in the classroom along with other teaching aids. The teacher has the opportunity to display the image of the interactive map on a large screen or interactive whiteboard using a projector, as well as print it out. The interactive map has a simple and intuitive interface. The advantage of an interactive map is the ability to choose the content of the map, a layer-by-layer presentation of information that allows you to see new (derived) content. The map can be easily converted into a contour map. It is possible to make a monochrome image from a color map, use the tools for drawing additional markings on the map. There are also information points on the map that activate additional slides with descriptions. |



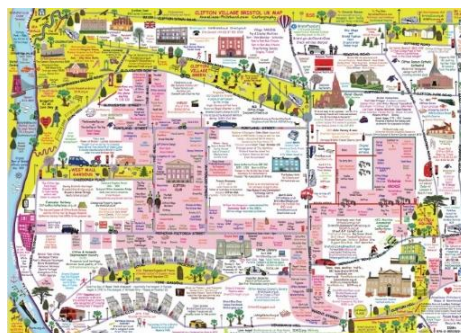
| | |
|----------------------------|---|
| Title | Interactive map "Ukraine. Physical surface" |
| Author(s) | Vitalii Ostroukh |
| Published by | The State Scientific and Production Enterprise "Cartographiia" |
| Date of publication | January 2022 |
| Languages(s) of the legend | Ukrainian |
| Copyright | SSPE "Cartographiia" is the exclusive owner of the copyright to the Interactive map "Ukraine. Physical surface", as provided by the Law of Ukraine "On Copyright and Related Rights". |
| Abstract / Description | <p>The interactive map "Ukraine. Physical Surface" is designed for individual student work and for application by the teacher in the classroom along with other teaching aids. The teacher has the opportunity to display the image of the interactive map on a large screen or interactive whiteboard using a projector, as well as to print it out. The interactive map has a simple and intuitive interface. It is possible to use the tools for drawing additional markings on the map. A movable elevation scale allows you to measure the height of a surface at any point on the map. The cartographic material is supplemented with reference textual information on the nomenclature units of the physical surface of Ukraine with links and highlighting on the map. There are also information points on the map that activate additional slides with descriptions of interesting natural attractions.</p> |



MAPS PRODUCTS

GBR_MP1

| | |
|----------------------------|---|
| Title | Clifton Village Bristol UK Map |
| Dimensions(mm) | 500 x 700 |
| Author(s) | Anneliese Faith Pritchard |
| Published by | Anneliese Pritchard |
| Date of publication | May 2023 |
| Languages(s) of the legend | English |
| Copyright | Copyright Anneliese Pritchard |
| Abstract / Description | Practical factual map appropriate for all ages, international user-friendly with dyslexic aiding font, encouraging the reader to further self-educate, find inspiration and motivation. |



GBR_MP2

| | |
|----------------------------|--|
| Title | Discover Maps: Exploring the Aberdeen Coast |
| Dimensions(mm) | 1189 x 841 |
| Author(s) | John Watson (Director EGCP Ltd.) with contributions from other EGCP Directors and EGCP Staff, and original cover illustration artwork by local artist Ian Thomson and Foyer Ltd. |
| Published by | EGCP Ltd. |
| Date of publication | January 2023 |
| Languages(s) of the legend | English |
| Copyright | Copyright EGCP Ltd. Discover Maps is an unregistered trademark of East Grampian Coastal Partnership |
| Abstract / Description | The Discover Maps Project was funded by the European Maritime and Fisheries Funds (EMFF) to create three coastal maps between Fraserburgh and St Cyrus in Aberdeenshire, Scotland and later a fourth map for Aberdeen City. These contain a wealth of unique information about the coast, people, history, environment, and activities. They are the work of John Watson (EGCP Ltd. and Editor of the map series), Foyer Graphics (Julie Wemyss) with cover illustrations by local artist Ian Thomson, and input by Dr Fiona-Jane Brown a local author and historian. A short video by Avcimmedia (Angus Turner) accompanies the maps. |



GBR_MP3

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Gallipoli Battlemap Series. Map1: Anzac & Suvla

1:22000
1189 x 841
Dr. Barry A. Matthews (historical content), Erica Milwain (cartography)
Advocatus Publishing Limited
July 2022
English
© Advocatus Publishing Limited, 2022

This full-colour road map is designed for students of the World War One Gallipoli Campaign, pilgrims seeking out cemeteries & memorials to the conflict, and visiting tourists. An inset feature many historical names from the time of the invasion at Anzac Cove in 1915. The topographic base was derived from OpenStreetMap data with reference to historic mapping from 1915. Relief representation is based on Copernicus satellite data. The style of the map was inspired by mapping from the time of the conflict to give a feeling of history and also respect to those who lost their lives.



GBR_MP4

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Israel

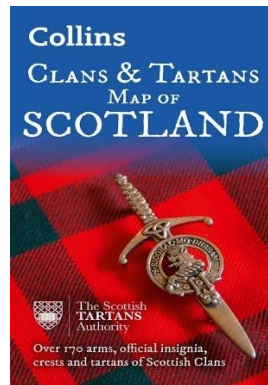
1:400000
1189 x 747
Mary Spence MBE
Tiger Moon
October 2021
English
© Tiger Moon

A general reference topographic map showing relief with country flag, districts' areas and city populations in a panel. Features the UNDOF area in Golan. Created in Adobe Illustrator with MAPublisher from open data.



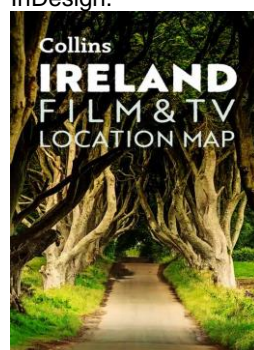
GBR_MP5

| | |
|----------------------------|--|
| Title | Scotland Clans & Tartans Map |
| Dimensions(mm) | 1000 x 890 |
| Author(s) | Jethro Lennox |
| Published by | Collins Maps |
| Date of publication | April 2023 |
| Languages(s) of the legend | English |
| Copyright | copyright Collins Bartholomew 2023 |
| Abstract / Description | <p>This title combines two popular and highly detailed maps, showing hundreds of arms, official insignia, crests, and tartans of the Scottish clans. This is both decorative and informative, making it ideal for anyone with an interest in Scottish heraldry, clans and family history. The map includes:</p> <ul style="list-style-type: none">• Two double-sided, full-colour maps of Scotland• More than 170 arms• More than 240 tartans• Additional information about the history of the clans and their tartans <p>Cartographic data exported from ArcGIS. Final design and compilation was carried out in Adobe Illustrator and then page layout in Adobe InDesign.</p> |



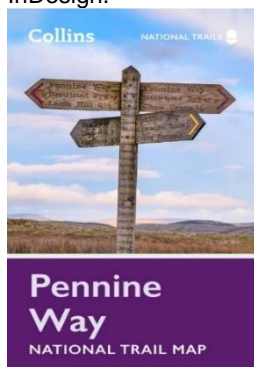
GBR_MP6

| | |
|----------------------------|--|
| Title | Collins Ireland Film and TV Location Map |
| Scale | 1:475000 |
| Dimensions(mm) | 560 x 900 |
| Author(s) | Jethro Lennox |
| Published by | Collins Maps |
| Date of publication | March 2023 |
| Languages(s) of the legend | English |
| Copyright | Copyright Collins Bartholomew 2023 |
| Abstract / Description | <p>Combining striking images and detailed descriptions, this title is a comprehensive guide to more than 50 of Ireland's most recognisable filming sites in a convenient, travel-sized format. Follow in the footsteps of Hollywood royalty by exploring filming locations made iconic by productions such as Game of Thrones, Star Wars, Harry Potter and Derry Girls. With mapping on a scale of 8.7 miles to 1 inch, it's an ideal gift for film and TV fans. Cartographic data exported from ArcGIS. Final design and compilation was carried out in Adobe Illustrator and then page layout in Adobe InDesign.</p> |



GBR_MP7

| | |
|----------------------------|---|
| Title | Pennine Way National Trail Map |
| Scale | 1:250000 |
| Dimensions(mm) | 594 x 918 |
| Author(s) | Jethro Lennox/ Harley Griffiths |
| Published by | Collins Maps |
| Date of publication | February 2023 |
| Languages(s) of the legend | English |
| Copyright | copyright Collins Bartholomew 2023 |
| Abstract / Description | <p>This map and guide is designed for planning the perfect route along the Pennine Way and combines comprehensive mapping with attractive photographs and detailed descriptions.</p> <ul style="list-style-type: none">• More than 20 highlighted places of interest• A comprehensive index including over 1000 cities, towns and villages• A clear, visible route plotted across the map with a suggested walking itinerary• Advice on safety when travelling along the route, as well as the countryside code and the code of conduct. Cartographic data exported from ArcGIS. Final design and compilation was carried out in Adobe Illustrator and then page layout in Adobe InDesign. |



GBR_MP8

| | |
|----------------------------|--|
| Title | London A-Z Visitors Map |
| Scale | 1:10154 |
| Dimensions(mm) | 594 x 918 |
| Author(s) | Jethro Lennox |
| Published by | A-Z Maps |
| Date of publication | February 2023 |
| Languages(s) of the legend | English |
| Copyright | copyright Collins Bartholomew 2023 |
| Abstract / Description | <p>Clear and easy-to-read map of central London and surrounding areas presented in a handy compact format. This attractive, fully updated map is ideal for both tourists and residents. Extending from Hampstead in the north to Clapham in the south, and from Hammersmith in the west to Greenwich in the east, this A-Z map of London is a comprehensive guide to our Capital City. Cartographic data exported from ArcGIS. Final design and compilation was carried out in Adobe Illustrator and then page layout in Adobe InDesign.</p> |



GBR_MP9

| | |
|----------------------------|--|
| Title | British Columbia |
| Scale | 1:1500000 |
| Dimensions(mm) | 1150 x 1000 |
| Author(s) | Mary Spence MBE |
| Published by | Tiger Moon |
| Date of publication | September 2022 |
| Languages(s) of the legend | English |
| Copyright | © Tiger Moon |
| Abstract / Description | A general reference topographic map showing relief with province flag and city populations in a panel. Created in Adobe Illustrator with MAPublisher from open data. |



GBR_MP10

| | |
|----------------------------|--|
| Title | Caribbean |
| Scale | 1:2500 |
| Dimensions(mm) | 1189 x 841 |
| Author(s) | Mary Spence MBE |
| Published by | Tiger Moon |
| Date of publication | October 2022 |
| Languages(s) of the legend | English |
| Copyright | © Tiger Moon |
| Abstract / Description | A general reference topographic map showing relief and the sovereign states and dependent territories with flags and city populations in a panel. Created in Adobe Illustrator with MAPublisher from open data. Also sold as A1 size – 841mm x 594mm |



GBR_MP11

| | |
|----------------------------|--|
| Title | Saudi Arabia |
| Scale | 1:2250000 |
| Dimensions | 841 x 1189 |
| Author(s) | Mary Spence MBE |
| Published by | Tiger Moon |
| Date of publication | April 2023 |
| Languages(s) of the legend | English |
| Copyright | © Tiger Moon |
| Abstract / Description | A general reference topographic map showing relief with country flag, districts' areas and city populations in a panel. Features details on the proposed Neom development including The Line, a futuristic linear city. A paragraph on Saudi Arabia and Islam. Created in Adobe Illustrator with MAPublisher from open data. Also sold as A1 size – 841mm x 594mm. |



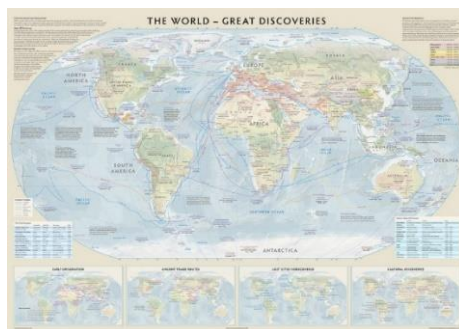
GBR_MP12

| | |
|----------------------------|--|
| Title | Ukraine |
| Scale | 1:1250000 |
| Dimensions(mm) | 841 x 1189 |
| Author(s) | Mary Spence MBE |
| Published by | Tiger Moon |
| Date of publication | December 2022 |
| Languages(s) of the legend | English |
| Copyright | © Tiger Moon |
| Abstract / Description | A general reference topographic map showing relief with country flag, administrative district flags, areas and city populations in a panel – before the Russian invasion. Features the Chernobyl Exclusion Zone. Created in Adobe Illustrator with MAPublisher from open data. Also sold as A1 size – 841mm x 594mm. |



GBR_MP13

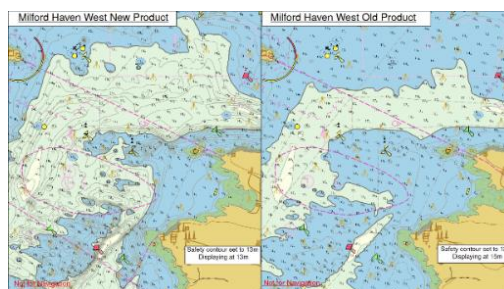
| | |
|----------------------------|--|
| Title | The World – Great Discoveries |
| Scale | 1:30000000 |
| Dimensions(mm) | 707 x 1000 |
| Author(s) | The World – Great Discoveries |
| Published by | Tiger Moon |
| Date of publication | March 2023 |
| Languages(s) of the legend | English |
| Copyright | © Tiger Moon |
| Abstract / Description | A map showing ancient civilizations, European voyages of discovery and first discoveries on land, overlaid on a physical map of the world. Includes tables of The Great Voyagers and Famous Ships of Discovery. Insets of Early Exploration, Ancient Trade Routes, Lost Cities Rediscovered and Cultural Discoveries. Created in Adobe Illustrator with MAPublisher from open data and original research. |



CHARTS PRODUCTS

GBR_CP1

| | |
|----------------------------|---|
| Title | Milford Haven West |
| Author(s) | Peter Snell and Robert Piper |
| Published by | UK Hydrographic Office |
| Date of publication | January 2023 |
| Languages(s) of the legend | English |
| Copyright | © British Crown Copyright 2023. All rights reserved |
| Abstract / Description | Standard contours are charted at 2m 5m 10m 15m 20m 30m. This limits the ECDIS ability to select the safety contour, as it will always default to the next safest contour. By including 1m contouring up to the 30m contour, this allows the ECDIS to select a more suitable safety contour allowing vessels more operating water space and room to manoeuvre when navigating constraining channels. In the image you can see the safety contour is set to 13m, in the new product this is displayed, but on the old product the 15m contour is the safety contour chosen for display. |



STORY MAPS

GBR_SM1

Title
Software
Author(s)
Published by
Date of publication
Language(s) of the legend
Copyright

US Micromobility Trends

Leaflet
Steer
Steer
October 2021
English

Created by Steer, using Leaflet, OSM contributors. Bike share data from 6 US cities. All data sourced is valid from January 2019 to March 2021 except for Biketown, Portland with data valid only until August 2020.

Abstract / Description

A "Data Storytelling" app for mobile devices with interactive geovisualisations and commentary to explore the impacts of the pandemic on the US micromobility (bike share) market. Steer analysed more than 60 million bike share trips made between 2019-2021 and developed the dashboard to help compare bike share use before and after the pandemic. Our analysis demonstrates how shared mobility behaviour has changed and based on data from Q1 2021, in some places, these trends are still visible in 2021/22. The technology used was Svelte, ChartJS and Mapbox, driven by the metrics data (JSON).



EDUCATIONAL PRODUCTS

GBR_EP1

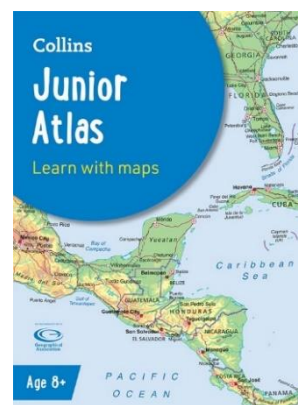
Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Language(s) of the legend
Copyright
Abstract / Description

Collins Junior Atlas

312 x 226
Stephen Scoffham, Editor; Michelle l'Anson/ Harley Griffiths
Collins
February 2023
English

Copyright Collins Bartholomew 2023

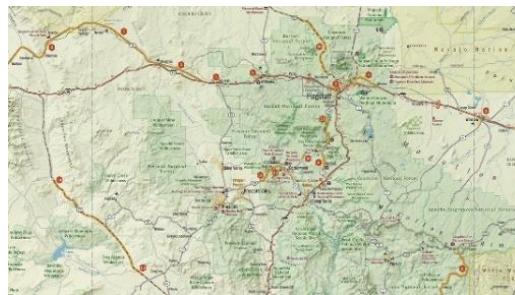
Fully revised and updated, this is an ideal 80-page world reference atlas for young geographers aged 8-11 years (Key Stage 2). Published in association with the Geographical Association, it enables children to learn about the world today and understand how maps and atlases work. The atlas is organised into sections covering the UK, Europe, the world and specific continents, and includes topics such as: climate, population, migration, trade and environmental issues. Cartographic data exported from ArcGIS. Final design and compilation was carried out in Adobe Illustrator and then page layout in Adobe InDesign.



MAPS PRODUCTS

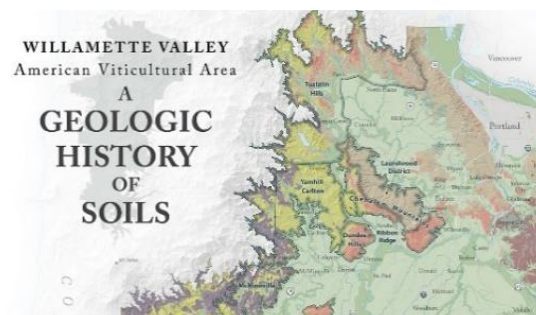
USA_MP1

| | |
|----------------------------|---|
| Title | Arizona Outdoor Adventures & Touring Guide |
| Scale | 1:1103000 |
| Dimensions(mm) | 686 x 800 |
| Author(s) | Center for Community GIS (Stephen Engle, Margot Carpenter, Julianna Stoll) |
| Published by | Keim Publications (keimpublications.com) |
| Date of publication | December 2022 |
| Languages(s) of the legend | English |
| Copyright | © 2022 Keim Publications |
| Abstract / Description | This map focuses on the state of Arizona in the southwestern United States and is one in a series of state- and region-based map products that the Center for Community GIS has designed for Keim Publications. The two-sided, folding map invites travellers to explore and discover the state's natural and cultural attractions and lesser-known, hard-to-reach gems. Unlike other small-scale, "flat," road maps that are available on the market, the two maps in this piece add rich and detailed terrain shading, call out significant landforms, highlight diverse public lands, and recognize current tribal landholdings. |



USA_MP2

| | |
|----------------------------|--|
| Title | Willamette Valley: A Geologic History of Soils |
| Scale | 1:285000 |
| Dimensions(mm) | 914 x 610 |
| Author(s) | Rick Zeeb and Erica McCormick |
| Published by | Willamette Valley Wineries Association |
| Date of publication | April 2023 |
| Languages(s) of the legend | English |
| Copyright | © 2023 Willamette Valley Wineries Association. |
| Abstract / Description | The geologic origins of soils in the Willamette Valley, Oregon, United States, and their importance to the character and complexity of the region's wines. |



USA_MP3

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Summit (an experiential map of Haleakala Crater, Hawaii)

991 x 1321
Darren Sears
Darren Sears
November 2022
English

© 2022 Darren Sears

This watercolor map on paper captures the author's experience, both spatial and immersive, of Haleakala Crater at the summit of Maui. Composed of views from inside, above, and beyond the crater, the work highlights the sense of the crater environment as a special world-unto-itself - by capturing a complete picture of its physical isolation but also its contrast with the world beyond. Like the author's other representations focused on islands of various types, this one overlays this quality of insularity with an element of ecological fragility. (Courtesy of Hang Art Gallery, San Francisco).



USA_MP4

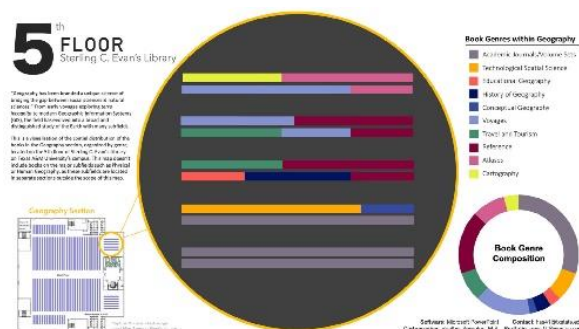
Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Geography of the Geography Section: 5th Floor of Sterling C. Evan's Library

190 x 339
Heather Swienton
Heather Swienton
April 2023
English

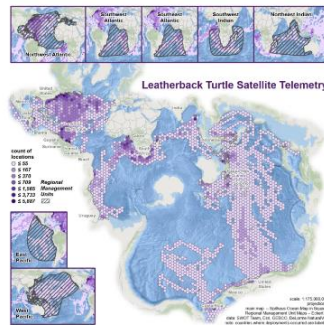
Not copyrighted. Feel free to publish or share as desired with author acknowledgment.

This is a creative and minimalistic visualization of the spatial distribution of the various book genres of Sterling C. Evan's Library's geography section at Texas A&M University. Inspired by a curious journey through the bookshelves and created with only Microsoft PowerPoint, this map displays the thought-provoking arrangement of genres so contrasting in topic but geographically close on the shelves, e.g., records of terra incognita next to textbooks of GIS Fundamentals. Through innovative cartographic design, the geography of geography is brought to life.



USA_MP5

| | |
|----------------------------|--|
| Title | Leatherback Turtle Satellite Telemetry |
| Scale | 1:175000000 |
| Dimensions(mm) | 216 x 216 |
| Author(s) | DiMatteo A, Kot C, Fujioka A, Wallace BP, Rowe MS, Hutchinson BJ, Villegas PE, Bandimere A, and Mast RB |
| Published by | State of the World's Turtles |
| Date of publication | March 2023 |
| Languages(s) of the legend | English |
| Copyright | © 2023 State of the World's Turtles |
| Abstract / Description | Critically endangered leatherbacks are the widest ranging species of sea turtle. To better understand the ocean spanning distribution of this species, data from 321 satellite telemetry tracked leatherbacks were aggregated into 250km diameter hexagons, the largest collection of these data assembled. The ocean centric Spilhaus projection encourages readers to ponder leatherback distribution from the perspective of the animals themselves, with no boundaries between oceans. Regional Management Units around the edges highlight the distribution of individual populations. This map complements a larger biogeography map that displays global telemetry and nesting data in an Eckert IV projection, published in the same magazine. |



USA_MP6

| | |
|----------------------------|--|
| Title | Scenic Formosa Island: A Non-Political Map of Taiwan in Three Scripts |
| Scale | 1:320000 |
| Dimensions(mm) | 914 x 1219 |
| Author(s) | Chenxiao (Atlas) Guo |
| Published by | Self-published (for NACIS 2022 Map Gallery) |
| Date of publication | October 2022 |
| Languages(s) of the legend | English |
| Copyright | © 2022 Atlas Guo |
| Abstract / Description | Recently, Taiwan once again becomes a worldwide focus due to global politics. This non-political map aims at revealing the physical and cultural wonders of Taiwan. Putting aside all the disputes, let us simply cherish the beauty and peace of this scenic island, Formosa. |



USA_MP7

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

California Wildfires, 1901–2020

813 x 546
Barbara Kent
Barbara Kent
April 2022
English
© 2023 Barbara Kent

Wildfires in California have increased in size over the past two decades. According to CAL FIRE, 17 of the 20 largest fires in the state's history have occurred since 2002, and eight of the ten largest fires have occurred in just the last decade. The trend for increasing fire size is expected to continue. This small multiples map shows the fires by decade and includes charts for the total burned area and average fire size.



USA_MP8

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Dead Creek Wildlife Management Area (Vermont) Touch Table

1:16225
915 x 1219
Treeline Terrains (Jacob Freedman, Alexander Gemme, Nathaniel Klein)
Treeline Terrains
April 2023
English
© 2023 Treeline Terrains

These maps are displayed in a Vermont Fish & Wildlife visitor center, one of the most highly trafficked wildlife centers in the state. This touch table will help visitors get a sense for the local topography and the overall valley that feeds the watershed. The larger map shows the local topography and water of Dead Creek Wildlife Area, and the smaller map zooms out the valley framed by the Green Mountains and Adirondacks. Carved in maple and cherry hardwoods, with blue epoxy resin for the water and tourmaline gemstone location markers showing the visitor center and popular nearby hiking areas.



USA_MP9

Title Travel Map of the World
Scale 1:12500000
Dimensions(mm) 841 x 1189
Author(s) Zhaoxu Sui
Published by Zhaoxu Sui
Date of publication January 2023
Languages(s) of the legend English
Copyright CC BY-ND
Abstract / Description

The Travel Map of the World has been uniquely created for the purpose of travel planning. It is the first comprehensive travel map at a global scale, incorporating numerous captivating travel routes, popular tourist destinations, and noteworthy cities. Additionally, the supplementary information provides crucial reference data for the map.



USA_MP10

Title Spending on the Drink
Dimensions 2140 x 1226
Author(s) Trisha Parks
Published by Houseal Lavigne
Date of publication July 2022
Languages(s) of the legend English
Abstract / Description

Sometimes a graduated scale symbology just isn't enough. This map series explores data related to spending on alcoholic beverages in the U.S. Looking at total spending alone, it appears that people on the east and west coasts are spending the most on alcohol. But is this telling us the whole story?



USA_MP11

Title
Scale
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Abstract / Description

Connecting Georgia's Future

1:1085000
610 x 458
Zach Goodwin
Zach Goodwin
February, 2023
English

Reflecting on Georgia's conservation and development landscape over the last 30 years, this product strives to offer viewers the chance to reflect on opportunities, rather than challenges, in the years to come. The composition highlights the juxtaposition of human population centers, their current spatial footprint, and the opportunity to link conserved lands through strategic corridors. Inspiration for this product was drawn from my return to my home state after 8 years spent in the Rocky Mountains, arising largely from the birth of my son and creation of our homestead, and considering our collective future.



USA_MP12

Title
Dimensions(mm)
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Birds of the Huntington Library Chinese Garden

610 x 457
Michael Luera
Huntington Library
April, 2023
English
Huntington Library Creative License

The Huntington Library is host to diverse birdlife that are attracted to the dense and unique plant life found here. This map focuses on the Chinese garden. The purpose is to educate the public on the birdlife they can encounter in the winter in the Huntington Library's Chinese Garden. Data was collected by walking around the Chinese Garden at midday twice a week for the month of February. It was found that the Chinese garden is host to many waterfowl that enjoy the large lake that the garden has to offer and smaller birds preferring to perch small trees.



ATLASES

USA_AT1

Title
Dimensions
Number of pages
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

Food, Water, Shelter: An Atlas Trilogy

305 x 305
562
Guerrilla Cartography Collaborators
Guerrilla Cartography
January, 2023
English
© 2023 Guerrilla Cartography
CC BY-NC-SA Creative Commons
Attribution-NonCommercial–ShareAlike

Abstract / Description

Guerrilla Cartography is a nonprofit cartographic arts organization which has published a trilogy of crowdsourced atlases based on the three basic needs of every living thing: food, water, and shelter. Each atlas comprises scores of maps with diverse interpretations on the atlases' themes. Given only a one-word prompt, hundreds of cartographers, researchers, and designers from around the world collaborated to create a compendium of contemporary geographic thought. In presenting this atlas trilogy, Guerrilla Cartography hopes to continue building an international network to further the mission of expanding the art, methods, and thematic scope of cartography through collaborative, crowdsourced projects.



USA_AT2

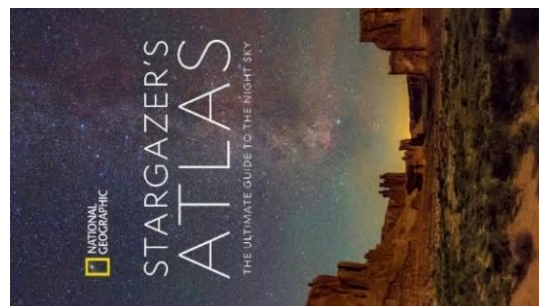
Title
Dimensions
Number of pages
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright

National Geographic Stargazer's Atlas, The Ultimate Guide to the Night Sky

350 x 260
432
National Geographic
National Geographic
October, 2022
English
© 2022 National Geographic Partners, LLC

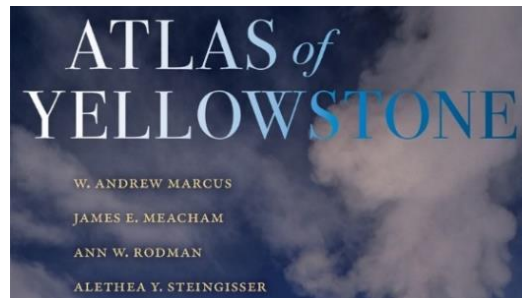
Abstract / Description

This atlas is designed to be the perfect guide for everyone discovering the wonders of the night sky, from those just learning the constellations to dedicated telescope observers. It is richly illustrated with luminous photographs and 170 informative maps and explanatory charts. Expanding on previous publications by adding constellations and night sky maps from the Southern Hemisphere.



USA_AT3

| | |
|----------------------------|---|
| Title | Atlas of Yellowstone, Second Edition |
| Dimensions | 349 x 254 |
| Number of pages | 366 |
| Author(s) | W. Andrew Marcus, James E. Meacham, Ann W. Rodman, Alethea Y. Steingisser, Justin T. Menke, Ross West |
| Published by | University of California Press |
| Date of publication | January, 2022 |
| Languages(s) of the legend | English |
| Copyright | © 2022 University of California Press |
| Abstract / Description | The Atlas of Yellowstone, Second Edition celebrates the 150th anniversary of the establishment of Yellowstone National Park. The atlas is a comprehensive visual reference that presents Yellowstone stories through maps, data visualizations, photography, and text that is accessible by park visitors and scientists alike. Topics range from the founding of the park, social equity, climate and landscape change, to imagining the next 150 years. Nearly every method of thematic mapping is employed. This new edition explores the contributions of Yellowstone to understanding and preserving physical and cultural landscapes, and to inspiring national parks and preserved areas around the world. |



STORY MAPS

USA_SM1

| | |
|----------------------------|--|
| Title | Where and why do traffic accidents regularly occur? |
| Software | Esri StoryMaps |
| Author(s) | Yanan Wu |
| Published by | Yanan Wu |
| Date of publication | May, 2023 |
| Languages(s) of the legend | English |
| Copyright | © 2023 Yanan Wu |
| Abstract / Description | Understanding the where and when of events lays the groundwork for exploring the why and how behind their occurrence, as well as predicting future incidents. Among the top threats to our safety are traffic accidents. If we can identify locations where traffic accidents occur regularly, we can adopt a more effective approach to mitigating their impact. Is there a correlation between these locations and our daily human routines? This study aims to measure this relationship by addressing two key questions. |



USA_SM2

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Abstract / Description

Centers of Population Story Map

Esri Portal for ArcGIS, ArcGIS Pro, ArcMap, Adobe Illustrator, Adobe Photoshop
U.S. Census Bureau
U.S. Census Bureau
September, 2022
English

The U.S. Census Bureau released the Centers of Population Story Map to coincide with the commemoration ceremony for the 2020 Center of Population in Hartville, Missouri. The story map includes static maps, animated maps, interactive maps, graphs, images, and text to present information about historic centers of population, the 2020 centers of population, and commemorative marks.



USA_SM3

Title
Software
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Birds of the Huntington

ArcGIS StoryMaps
Harrison Hyatt
Self-published
May, 2023
English
© 2023 Harrison Hyatt

The Huntington Library, Art Museum, and Botanical Gardens are renowned for their remarkable collections, but they are also home to an impressive variety of birds. With their diverse collection of plants and habitats, the gardens provide a sanctuary for at least 20 different bird species on any given day, ranging from native Californian birds to exotic non-native species, and migratory visitors. This virtual bird tour will showcase 70 of the most commonly spotted birds at the Huntington and the locations where they can be observed. However, keep in mind that this list is not exhaustive, and there may be even more feathered friends to discover. Grab your binoculars and join us for a web tour of the birds at the Huntington.



USA_SM4

Title

Quantifying the impacts of POIs on human networks, a case study on DFW area

Software

ArcGIS StoryMaps

Author(s)

Yalin Yang and May Yuan

Published by

Yalin Yang and May Yuan

Date of publication

May, 2023

Languages(s) of the legend

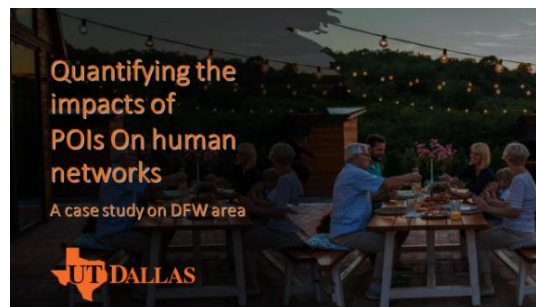
English

Copyright

© 2023 Yalin Yang

Abstract / Description

A place affords certain social activities and social activities raise new social relationships. Knowing where people host what social events gives rise to the functional distributions of places and social implications of community's traits. In this study, we assume that locations transform into places by hosting social events that emanate human experiences. As such, we further consider places as constituents of social infrastructure. We developed an approach with spatial simulation and association mining (SSAM) to quantify the spatial associations between points of interest (POIs) and social events and examine the functional distributions of social infrastructure and social implications for communities in the Dallas-Fort Worth (DFW) metroplex in Texas, USA, as a case study.



DIGITAL PRODUCTS AND SERVICES

USA_DPS1

Title

NOAA Custom Chart: Providing Mariners Paper Charts to Better Suit Their Needs

Type

Web map application

Operating System

All

Author(s)

Christie Ence

Published by

National Oceanic and Atmospheric Administration

Date of publication

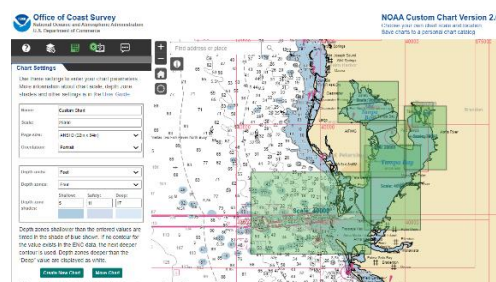
April, 2023

Languages(s) of the legend

English

Abstract / Description

The NOAA Custom Chart is a web application sponsored by the US National Oceanic and Atmospheric Administration (NOAA) Office of Coast Survey. The tool renders S-57 electronic navigational chart data as paper chart symbology for printing on paper. This presentation introduces Version 2.0, which improves the user interface and adds functionality that allows users to save their chart parameters in a personal chart catalog. This allows the charts to be reprinted as updated becomes available. The small size of the catalog file allows the users to share and collaborate with ease.



EDUCATIONAL PRODUCTS

USA_EP1

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Mapping the Infrastructure of the Roman Empire

Sirius T. Bontea
Sirius T. Bontea
January 2023
English
© 2023 Sirius T. Bontea

This project, completed for the University of Kentucky's MAP 673 course, provides an interactive, responsive web-based visualization of Roman Empire expansion from 500 B.C. to A.D. 117. Focusing on the enduring Roman road network, the project leverages a basemap from the Digital Atlas of the Roman Empire at the University of Gothenburg. The design caters to both mobile and desktop users, addressing the dominance of mobile internet usage.



USA_EP2

Title
Author(s)
Published by
Date of publication
Languages(s) of the legend
Copyright
Abstract / Description

Birds of the Huntington Library Chinese Garden

Michael Luera
Huntington Library
April 2023
English
Huntington Library Creative License.

The Huntington Library is host to diverse birdlife that are attracted to the dense and unique plant life found here. This map focuses on the Chinese garden. The purpose is to educate the public on the birdlife they can encounter in the winter in the Huntington Library's Chinese Garden. Data was collected by walking around the Chinese Garden at midday twice a week for the month of February. It was found that the Chinese garden is host to many waterfowl that enjoy the large lake that the garden has to offer and smaller birds preferring to perch small trees.



PHYSICAL PRODUCTS

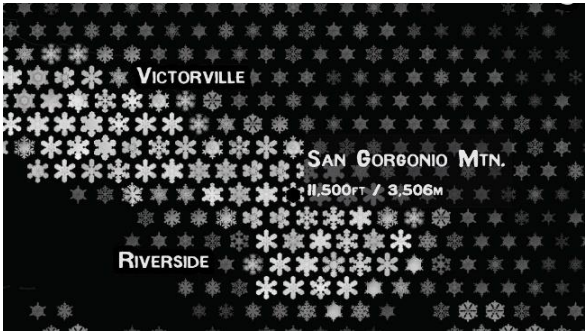
USU_PP1

| | |
|----------------------------|---|
| Title | Denver West, Colorado: OnDemand Topo 1:100,000 Scale Prototype |
| Dimensions(mm) | 966 x 762 |
| Scale | 1:100000 |
| Author(s) | Andrew Stauffer |
| Published by | U.S. Geological Survey |
| Date of publication | April 2023 |
| Languages(s) of the legend | English |
| Copyright | US Federal Government - No copyright to transfer. |
| Abstract / Description | In 2022, the US Geological Survey's National Geospatial Program released topoBuilder, an application that allows users to create and customize topographic map products. These OnDemand Topo maps are generated from The National Map data using the latest available data at the time of request. Currently, the topoBuilder application can deliver a US Topo-like, 1:24,000-scale map called "7.5-Minute Topo". The USGS is actively enhancing topoBuilder to deliver topographic maps at various scales. This Denver West, Colorado map demonstrates prototype work on data generalization and cartographic design for a USGS topographic map at a 1:100,000 scale, which will be called "100K Topo". |



MAPS PRODUCTS

| USE_MP1 | |
|----------------------------|---|
| Title | Californian Snowflakes |
| Scale | 1:1500000 |
| Dimensions(mm) | 841 x 594 |
| Author(s) | Kenneth Field |
| Published by | Esri Inc |
| Date of publication | May 2023 |
| Languages(s) of the legend | English |
| Copyright | Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International (CC BY-NC-ND 4.0) |
| Abstract / Description | During winter 2022-2023 California experienced record snowfall, with some areas receiving over 20m (65ft). This map illustrates total snow accumulation using 50 sqkm hex-bins and represented using digital recreations of Wilson 'snowflake' Bentley's microphotographs of real snowflakes from the late 1800s. The snowflakes are modified by size and transparency to give a monochrome view of white snow accumulation across a dark background. |



| USE_MP2 | |
|----------------------------|--|
| Title | London Underground Overground |
| Dimensions(mm) | 812 x 1270 |
| Author(s) | Kenneth Field |
| Published by | Esri Inc |
| Date of publication | November 2022 |
| Languages(s) of the legend | English |
| Copyright | Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International (CC BY-NC-ND 4.0) |
| Abstract / Description | The current official London Underground 'tube' map continues to rely on the historical design of Harry Beck's 1933 design. Yet with the network having massively increased in terms of the number of lines, stations, and complexity in the 90 years since its creation the map is arguably no longer fit for purpose. This map is a completely new redesign. It's more graphically efficient, more consistent in its design language, names lines, and includes route information to provide a modern version for navigation. |



PHYSICAL PRODUCTS

USE_PP1

| | |
|----------------------------|---|
| Title | Californian Snowflakes |
| Dimensions(mm) | 841 x 594 |
| Scale | 1:1500000 |
| Author(s) | Kenneth Field |
| Published by | Esri Inc |
| Date of publication | May 2023 |
| Languages(s) of the legend | English |
| Copyright | Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International (CC BY-NC-ND 4.0) |
| Abstract / Description | During winter 2022-2023 California experienced record snowfall, with some areas receiving over 20m (65ft). This map illustrates total snow accumulation using 50 sqkm hex-bins and represented using digital recreations of Wilson 'snowflake' Bentley's microphotographs of real snowflakes from the late 1800s. The snowflakes are modified by size and transparency to give a monochrome view of snow accumulation across a dark background. This version uses innovative printing effects to render the snowflakes in spot metallic silver, and an additional new layer atop the main map that illustrates snow accumulation above 100in. |

