

ICC 2015

27th International Cartographic Conference

16th General Assembly

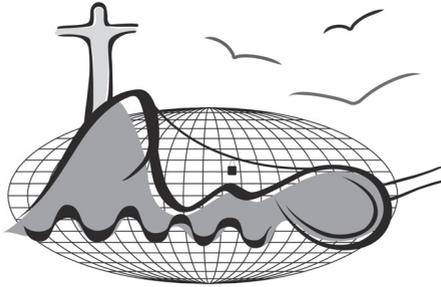
RIO DE JANEIRO - BRAZIL

August 23 - 28, 2015

Maps Connecting the World

International Cartographic Exhibition

www.icc2015.org



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PREFACE

The International Cartographic Exhibition in Rio de Janeiro is organized as part of the 27th International Cartographic Conference (ICC 2015). All exhibits are being displayed at the SulAmérica Convention Center from August 24 to 28, 2015. Within the exhibition various types of cartographic products are presented, such as traditional paper maps, digital products, globes, atlases, tactile maps, etc.

Descriptions of all exhibits have been submitted to the local organizing committee of the ICC 2015 by a total of 35 ICA National and Affiliate Members for the production of this Exhibition Catalogue. In addition to the five categories adopted in previous exhibitions, an additional one named "Digital Services" - corresponding to Spatial Data Infrastructures (SDI) - has been included for the first time in an ICC map exhibition.

The Local Organizing Committee is pleased by the large number of exhibits, subdivided into six categories, as indicated in the following list:

- Maps: 269
- Atlases: 48
- Digital Products: 40
- Digital Services: 8
- Educational Cartographic Products: 38
- Other Cartographic Products: 20, including 2 globes

Within each category, except for "Digital Services", the best products will be honored by an international ICA jury and by the public. In order to allow proper identification of each product during the voting process, the following code scheme was created for the products:

- A number from 1 to 35 corresponding to the ICA member sequential order in this catalogue's index, followed by
- The letter "M", "A", "D", "E" or "O", indicating the product category ("Map", "Atlas", "Digital Product", "Educational Cartographic Product", or "Other Cartographic Product", respectively), followed by
- A number representing the sequential order of each product within the corresponding category for a specific ICA member.

The code of each product is listed in this catalogue following the product's title (in brackets).

The Local Organizing Committee would like to thank all participating ICA members for the great contribution to this event displaying the state-of-the-art of cartographic products and services in the world.

Paulo Márcio Leal de Menezes, Luiz Paulo Souto Fortes and Renata Curi de Moura Estevão Nagatomi

Organizers of the International Cartographic Exhibition 2015

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AUSTRALIA

MAPS

Title: Bathurst 1 : 250 000 Metallogenic Map (2nd Edition) [1M1]

Type of material: Paper

Scale: 1 : 250 000

Dimensions of the sheet (width and height, in millimeters): 1280 x 840

Author(s): Downes P.M., Colquhoun G.P., Blevin P.L., Forster D.B., Rutledge J.M. & Pogson D.J.

Published by: Geological Survey of NSW, Australia

Date published: 01/05/2014

Language(s) of the legend: English

Brief abstract or additional comments:

The Bathurst 1 : 250 000 Metallogenic Map (2nd Edition) is a double sided map. The main map face shows mineral deposits with symbology describing mineral system classification (symbol shape), commodity type (colour) and deposits size (size). The reverse side, "Mining and Geological History of the Bathurst Region", was designed and produced by John Frith of Flat Earth mapping with text content supplied by the Geological Survey of NSW. It is intended to broaden the appeal of the map and to tap into the geo tourism market.

Title: International Airmaroutes [1M2]

Type of material: Paper

Scale: 1 : 1 500 000

Dimensions of the sheet (width and height, in millimeters): 2022 x 900

Author(s): Aeronautical Charting, Aeronautical Information Management, Airservices Australia

Published by: Aeronautical Charting, Aeronautical Information Management, Airservices Australia

Date published: 13/11/2014

Language(s) of the legend: English

Brief abstract or additional comments:

The International Chart is essential for Manual Addressing of Air Traffic Service (ATS) Messaging - Particularly for identifying Flight Information

Region (FIR) boundaries. As Upper Level Routes are becoming more common place, such as Sydney-Dallas/Fortworth, Brisbane/Melbourne/ Sydney/Adelaide/Perth-MiddleEast, and even a rumoured Australia-Istanbul, these charts are invaluable in determining Addressing Requirements. The Charts are also of use for plotting Hazard Activity such as Volcanic Ash, Tsunami Alerts etc. On an administrative note, we often have visitors from foreign ATS Units visiting and the charts geographically demonstrate Brisbane/Melbourne FIRs relative to the Rest of the World.

Title: Visual Navigation Chart - Townsville [1M3]

Type of material: Paper

Scale: 1 : 500 000

Dimensions of the sheet (width and height, in millimeters): 1000 x 630

Author(s): Aeronautical Charting, Aeronautical Information Management, Airservices Australia

Published by: Aeronautical Charting, Aeronautical Information Management, Airservices Australia

Date published: 13/11/2014

Language(s) of the legend: English

Brief abstract or additional comments:

The Townsville Visual Navigation Chart (VNC) expands the coverage along the eastern seaboard of Australia. This series supports the use of the World Aeronautical Chart (WAC 1 : 1 million) series designed for pre-flight planning and pilotage covering the whole of Australia, and also the Visual Terminal Chart (VTC 1 : 250 000) series designed for visual operations near Terminal Areas. The VNC is used for operations under Visual Flight Rules (VFR) to Plan flights in relation to Controlled Airspace; Transition from the WAC to the VTC when operating around Terminal Areas; Navigate when nearing Controlled Airspace or Restricted and Danger Areas.

Title: WINTINNA 1 : 250 000 Geological Map [1M4]

Type of material: Paper

Scale: 1 : 250 000

Dimensions of the sheet (width and height, in millimeters): 1020 x 720

Author(s): Rogers, P.A., Freeman, P.J and Sheard, M.J., Geological Survey of South Australia

Published by: Geological Survey of South Australia

Date published: 01/04/2015

Language(s) of the legend: English

Brief abstract or additional comments:

The WINTINNA 1 : 250 000 scale geological map is a recent example of a standard series which covers virtually all of Australia. The map reduces exploration risk by illustrating the area's geological history and mineral and petroleum potential, but its all-inclusive scope informs other users. It was compiled from field mapping observations and aerial photo interpretation, enhanced by a reference, cross sections, geophysical images and interpretive sketches.

Title: Basic Raw Material Resources: KARRATHA [1M5]

Type of material: Paper

Scale: 1 : 200 000

Dimensions of the sheet (width and height, in millimeters): 1231 x 826

Author(s): Geological Survey of Western Australia

Published by: Geological Survey of Western Australia

Date published: 01/06/2014

Language(s) of the legend: English

Brief abstract or additional comments:

Geological Survey of WA is mapping basic raw materials (BRM) to assist land use planning in WA's growth areas. BRM include sand, limesand, limestone, hard rock, gravel and clay. The Karratha sheet formed part of a series of maps in the north covering areas around Broome, Port Hedland and Karratha. These areas have a need for large quantities of fill for new development and infrastructure with smaller quantities of

sand for concrete, limestone for cement and road base, hard rock and gravel aggregate.

ATLASES

Title: Mount Lofty Ranges, South Australia, Emergency Services Map Book [1A1]

Number of pages: 224

Dimensions (width and height, in millimeters): 230 x 325

Author(s): Department of Environment, Water and Natural Resources

Published by: Department of Environment, Water and Natural Resources

Date published: 01/12/2014

Language(s) of the text: English

Brief abstract or additional comments:

The Emergency Services Map Book series is produced to support emergency services operations as well as providing useful information for travellers and commercial users. The Mount Lofty Ranges map book contains over 200 highly detailed topographic maps covering the most populated region of South Australia. Multiple map scales have been incorporated allowing for congested information to be shown in a clear and easy to read format. Important book design objectives included a size, format and binding solution to enable effective use in the confined space of a truck cabin, the front seat of a vehicle or in an aircraft.

Title: The South Australian Atlas of Geoscience and Mineral Exploration Data – Woomera Prohibited Area within the Gawler Craton [1A2]

Number of pages: 65

Dimensions (width and height, in millimeters): 297 x 420

Author(s): Wise, T.W., Irvine, J.A., Katona, L.F., Michael, U.A., Tyne, E.D., Rowett, A.I., Davies, M.E.B

Published by: Geological Survey of South Australia

Date published: 01/11/2013

Language(s) of the text: English

Brief abstract or additional comments:

The Woomera Prohibited Area (WPA) Atlas of Geoscience and Exploration Data is a compilation of open file spatial mapping and exploration information covering this important geological region within central South Australia. The Atlas provides a visual display of the extensive range of data currently available within the WPA (as at November 2013) which is freely available through SARIG, the South Australian government's online geoserver. The Atlas presents an extensive range of data including land access and administration, geology, geophysics, drillholes, remote sensing and historical exploration.

Title: Melway Street Directory Of Greater Melbourne Edition 42, 2015 [1A3]

Number of pages: 784

Dimensions (width and height, in millimeters): 292 x 210

Author(s): Melway Publishing Pty Ltd

Published by: Melway Publishing Pty Ltd

Date published: 01/07/2014

Language(s) of the text: English

Brief abstract or additional comments:

The Melway Street Directory of Greater Melbourne, first produced 1966, is the most comprehensive Melbourne mapping. Melway has gained iconic status in providing over 176 individual map features that are researched daily for each map, to meet an annual publishing date. Melway is the only street directory company in Melbourne with a dedicated team driving the roads of Melbourne verifying the information we collect. This ability to be the most accurate and up-to-date street directory has helped Melway compete strongly against the competition and, in particular, against the free electronic mapping changing the way people navigate forever.

DIGITAL PRODUCTS

Title: Australian National Base Map [1D1]

Type: Image map

Format: Map cache service

Software platform in which it is managed: mixed

Author(s): Leigh Mills and Steven Ackerly

Published by: Geoscience Australia

Date published or most recently updated: 01/03/2015

Nominal scale: Between approx. 1 : 40 000 000 to 1 : 9 000

Language of the alphanumeric elements: English

Brief abstract or additional comments: The Australian Topographic map service has been created to serve as a base map layer in the Australian National Map. The service provides seamless national coverage, derived from Geoscience Australia's 1 : 250 000 data and complemented by OpenStreetMap for the larger scales. The topographic layers in the service include hydrography, marine, transport, administrative boundaries, vegetation and relief. The service has been cached for improved performance and separate feature symbology and annotation layers were applied at each cache level. This has achieved an appropriate background image for users to be able to overlay their own data sources.

Title: QTopo [1D2]

Type: Website

Format: Web site and web map service

Software platform in which it is managed: Geocortex Essentials, ArcGIS

Author(s): Matt Smith, Simon Haycock

Published by: Spatial Data & Mapping, Department of Natural Resources and Mines, State of Queensland, Australia

Date published or most recently updated: 01/08/2014

Nominal scale: 1 : 36 978 595 to 1 : 18 056

Language of the alphanumeric elements: English

Brief abstract or additional comments:

The Queensland Department of Natural Resources and Mines has created Qtopo, an online interactive topographic atlas that allows the user an on-demand digital and printed topographic map anywhere in Queensland down

to and lower than 1 : 25 000 scale. With Qtopo, 100% of this vast territory is now covered with large scale digital mapping and able to produce print on demand topographic maps at several standard scales and paper sizes. Qtopo also is able to map at point of interest or as standard grid sheet maps.

Title: Interactive NSW Geology Phone Map [1D3]

Type: Image map

Format: Interactive MBTiles file

Software platform in which it is managed: TileMill, FME & PostGIS

Author(s): David Collins, Phil Gilmore, Gary Colquhoun, Omar Al Shikh Ali

Published by: Geological Survey of NSW, Australia

Date published or most recently updated: 01/05/2015

Nominal scale: Google-type zoom levels 3 to 11, the latter being approximately 1 : 500 000

Language of the alphanumeric elements: English

Brief abstract or additional comments:

The NSW Geology Phone Map is designed primarily for use on Android and Apple phones, but also runs on tablets. The map itself is downloaded and stored on the user's phone or tablet so that no mobile reception is required in the field. Roads, towns, rivers, national parks, state forests and topographic relief all provide a context for the geology. Facts about the 106 major rock units are displayed when the user touches the screen. Scale-dependent styling is designed to display an increasing amount of information as the user zooms in, avoiding clutter at the broader scales.

Title: For King and Country [1D4]

Type: Online web map

Format: Story Map

Software platform in which it is managed: ArcGIS Online

Author(s): Kenneth Field, William Cartwright

Published by: Esri Inc

Date published or most recently updated: 01/09/2014

Nominal scale: Multiscale

Language of the alphanumeric elements: English

Brief abstract or additional comments:

In 1914, like many Australians, John Henry Cartwright enlisted in the Australian Imperial Forces (AIF) to serve 'King and Country' and to fight in the 'Gallipoli' campaign of World War I. His route to the Gallipoli campaign took him from Korumburra, a small country town in Victoria, Australia, to the Broadmeadows training camp and then on to Egypt, Greece and then to the Dardenelles. This is the story of his journey, illustrated through a collection of digital artifacts brought together as a map-based journal. One man's journey as a representation of the 28 000 who died in the campaign.

Title: WA Geology [1D5]

Type: HTML5 Viewer

Format: WA Geology is a HTML5 viewer designed to be device independent and consume HTML5 web services

Software platform in which it is managed:

WA Geology is a web mapping application for a wide variety of browsers on multiple devices

Author(s): Geological Survey of Western Australia

Published by: Geological Survey of Western Australia

Date published or most recently updated: 27/02/2015

Nominal scale: Multiscale

Language of the alphanumeric elements: English

Brief abstract or additional comments:

WA Geology application is a free, device independent Geographical Information Systems (GIS) viewer to view, query and integrate geology and resource information such as: 1 : 500 000 State interpreted bedrock geology, Mines and mineral deposits, major resources, petroleum datasets and tenements, key infrastructure such as towns and roads and various state-wide image datasets including geophysics, geology and topography.

DIGITAL SERVICES

Title of the Spatial Data Infrastructure (SDI): Australia National Map

Portal address: <http://nationalmap.gov.au>

Information contents summary: Data includes Groundwater, Surface water, Landcover, Geology, Earthquake hazard, Vegetation, Utilities, Terrain, Elevation, Habitation, Transport, Social and Economic boundaries, Statistical boundaries etc. The National Map talks to data.gov.au (Australia's metadata portal) so that any spatial data available in data.gov.au is available in the National Map

Services provided:

Provided by: NICTA (Australia's Information and Communications Technology Research Centre of Excellence) and Australian Commonwealth Government's Department of Communications (Geoscience Australia)

Start date on the Internet: 01/06/2015

Language of the alphanumeric elements: English

Brief abstract or additional comments:

Putting government spatial data, which was previously difficult to access, into the hands of community, software developers and industry will act as a key enabler of innovation and boost to government and industry productivity. Working for the Department of Communications (and partner Geoscience Australia), NICTA developed the software for the National Map initiative which makes it possible for everyone to benefit from the masses of data stored in government databases. It is anticipated the availability of this data will prompt new businesses that can provide better services to the community.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: Arrowsmith's Australian Maps [1E1]

Type: Digital product

Author(s): Dorothy Prescott, Ailie Smith

Published by: eScholarship Research Centre, University of Melbourne

Date published: 01/02/2015

Brief abstract or additional comments:

The website sheds light on the cartographic methodology employed by the cartographer in compiling his map sheets for his magnum opus, The London Atlas of Universal Geography. Comparative cartography enables the user to examine multiple copies of a particular atlas sheet in great detail and note the differences between outwardly identical maps. Apart from noting the idiosyncrasies of the dating methods employed the website also displays the steps taken in adding new information to the map which is done in stages, starting with new hydrology and finishing with new place names. A useful historical tool for Australian 19th century history.

Title: Ludwig Leichhardt: Overland Expedition in Australia from Morton Bay to Port Essington [1E2]

Type: Map and Interactive map

Author(s): Carter, Lauren

Published by: National Centre of Biography, Australian National University, Canberra

Date published: 01/06/2014

Brief abstract or additional comments:

Due to public interest in explorers, the National Centre of Biography decided to create a digital record of Leichhardt's expedition from Moreton Bay to Essington in 1844-45. This involved extensive research into the location of campsites and the routes taken between them. We created an interactive online map linked to the journals of Leichhardt and 3 other expeditions. We also provided an educational wall map with images and anecdotes from the arduous journey. <http://adb.anu.edu.au/entity/8843>

AUSTRIA

MAPS

Title: Austrian Map ÖK25V [2M1]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 810 x 580

Author(s): BEV - Federal Office of Metrology and Surveying

Published by: BEV - Federal Office of Metrology and Surveying

Date published: 01/06/2014

Language(s) of the legend: German, English

Brief abstract or additional comments:

The ÖK25V is an enlargement of the ÖK50 containing the same information as the ÖK50. Its publication takes place at the same time as the one of the corresponding ÖK50. The ÖK50 is divided in a west half and an east half, the north half is printed on the front of the page, the south half on the reverse side. This map series consists of 356 map sheets with an extension of 10'x12' within an area of 280 km². All maps are available folded and unfolded.

Title: Austrian Map ÖK50 [2M2]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 810 x 580

Author(s): BEV - Federal Office of Metrology and Surveying

Published by: BEV - Federal Office of Metrology and Surveying in cooperation with the Institute of Military Geography (IMG)

Date published: 01/06/2014

Language(s) of the legend: German, English

Brief abstract or additional comments:

The ÖK50 is the most detailed topographic map of Austria. It includes the complete road-rail network as well as a detailed representation of settlement areas, vegetation, hydrography and terrain. In 2011 the map got a new layout and since then includes some special topics

like hospitals and pharmacies. This map series is composed of 191 map sheets with an extension of 20'x12' within an area of 560 km² and is mapped in the Universal Transversal Mercator (UTM) System. The ÖK50 is updated continually and the printed edition is published every 6 years. All maps are available folded and unfolded.

Title: Austrian Map ÖK250 [2M3]

Type of material: Paper

Scale: 1 : 250 000

Dimensions of the sheet (width and height, in millimeters): 910 x 580

Author(s): BEV - Federal Office of Metrology and Surveying

Published by: BEV - Federal Office of Metrology and Surveying in cooperation with the Institute of Military Geography (IMG)

Date published: 01/06/2014

Language(s) of the legend: German, English

Brief abstract or additional comments:

The ÖK250 is a topographic general map which is mainly delineated by contour lines, display of rock formations and relief-shading. Additional features are laminary depiction of settlement areas, hydrography, road-rail network and geographic names of settlements and important objects. This set of maps consists of 12 sheets in the dimension of 2°x1° and is mapped in the Universal Transversal Mercator (UTM) System. The ÖK250 is updated continually and the printed edition is published every 3 years. All maps are available folded and unfolded.

Title: Austrian Map ÖK500 [2M4]

Type of material: Paper

Scale: 1 : 500 000

Dimensions of the sheet (width and height, in millimeters): 1195 x 870

Author(s): BEV - Federal Office of Metrology and Surveying

Published by: BEV - Federal Office of Metrology and Surveying in cooperation with the Institute

of Military Geography (IMG)

Date published: 01/06/2014

Language(s) of the legend: German, English

Brief abstract or additional comments:

There are two editions of the ÖK500, a Topographical and a Political issue, which includes an overview of the administrative districts. It is mapped in Lambert conformal conic projection. The ÖK500 is updated continually and the printed edition is published every 3 years. A folder with an index of the names of all places is included. The Topographic edition is available folded and unfolded as a single map. The Political edition is only available as pdf.

mobile is available for the most frequently used platforms iOS and Android.

DIGITAL PRODUCTS

Title: Austrian Map mobile - extremely mobile [2D1]

Type: App for iOS and Android

Format: .PNG for Android, .PVRTC for iOS

Software platform in which it is managed:

App for iOS and Android - platforms, other operating systems not planned yet

Author(s): BEV - Federal Office of Metrology and Surveying

Published by: BEV - Federal Office of Metrology and Surveying

Date published or most recently updated: 10/03/2013

Nominal scale: 1 : 50 000 - 1 : 1 000 000

Language of the alphanumeric elements:

GEONAM German, app menu available in German, English, French, Italian language

Brief abstract or additional comments:

The Austrian Map mobile (AMap mobile) comprises the digital maps of Austria including shading, the database of geographic names GEONAM, and the digital terrain model. This digital BEV product is available at Google's Play Store as well as at Apple's App Store. In addition to the high quality of the national Austrian maps it offers a user-friendly user interface with extensive functionality (like GPS - positioning, voice navigation along tracks, "augmented reality" and panoramic view in iOS). At present the AMap

BELGIUM

MAPS

Title: Occupying São Paulo: An Augmented City Map [3M1]

Type of material: Paper

Scale: Mixed Scales

Dimensions of the sheet (width and height, in millimeters): 900 x 1800

Author(s): Carmen Briers, Lisa De Vos, Bieke Cattoor, Jeroen Stevens, Bruno De Meulder (Research Group Urbanism and Architecture, University of Leuven)

Published by: unpublished

Date published: 01/07/2015

Language(s) of the legend: English

Brief abstract or additional comments:

Since the 1990s, urban social movements have been occupying empty buildings in the centre of São Paulo. This map aims to reveal the multiple ways in which this phenomenon affects and transforms the city centre. The multi-scalar, multi-modal nature of the map allows the cartographer as well as the map reader to look at the issue from a variety of different perspectives, including the distant overview of the typical map as well as the intimate video portrait of the social activist. The augmented content of the map is readily accessible via the widespread technology of QR code scanning.

Title: 1914-1918 THE GREAT WAR: From Liege to the Yser and the Somme (recto) [3M2]

Type of material: Paper

Scale: 1 : 250 000

Dimensions of the sheet (width and height, in millimeters): 1247 x 638

Author(s): Alfons Wuyts, Ing. Lt. Col. and National Geographic Institute of Belgium, in collaboration with the Royal Museum of the Armes Forces and of Military History, Belgium.

Published by: National Geographic Institute, Belgium

Date published: 11/11/2014

Language(s) of the legend: French, Dutch,

German, English

Brief abstract or additional comments:

This map gives a general overview of troops moves and concentrations, but also more detailed information about the atrocities committed by the invaders, about the forts and trenches that you can still visit today, and so on. The map and the accompanying brochure in four languages depict with a certain accuracy how the lives of soldiers and the civil population could be like during the First World War. This treasure-trove of information will be quite valuable to the tourists visiting the "Westhoek" area as well as to historians willing to increase their knowledge about this period. Map printed recto-verso: recto-side.

Title: 1914-1918 THE GREAT WAR: From Liege to the Yser and the Somme (verso) [3M3]

Type of material: Paper

Scale: 1 : 250 000

Dimensions of the sheet (width and height, in millimeters): 1247 x 638

Author(s): Alfons Wuyts, Ing. Lt. Col. and National Geographic Institute of Belgium, in collaboration with the Royal Museum of the Armes Forces and of Military History, Belgium.

Published by: National Geographic Institute, Belgium

Date published: 11/11/2014

Language(s) of the legend: French, Dutch, German, English

Brief abstract or additional comments:

This map gives a general overview of troops moves and concentrations, but also more detailed information about the atrocities committed by the invaders, about the forts and trenches that you can still visit today, and so on. The map and the accompanying brochure in four languages depict with a certain accuracy how the lives of soldiers and the civil population could be like during the First World War. This treasure-trove of information will be quite valuable to the tourists visiting the "Westhoek" area as well as to historians willing

to increase their knowledge about this period.
Map printed recto-verso: recto-side.

DIGITAL PRODUCTS

Title: BeCarto 14-18 [3D1]

Type: Website

Format: Web platform

Software platform in which it is managed:

www.becarto14-18.be

Author(s): National Geographic Institute,
Belgium

Published by: National Geographic Institute,
Belgium

Date published or most recently updated:
30/12/2014

Nominal scale: 1 : 2 500 - 1 : 4 000 000

Language of the alphanumeric elements:

French, Dutch, German, English

Brief abstract or additional comments:

The Belgian National Geographic Institute (NGI) has published the map « 1914-1918 » on the occasion of the commemorations of the First World War. This map is used as a background for a website and a free mobile application, which allow supplementing the information on the map, for instance with a timeline which covers the duration of the First World War while another timeline presents an overview of all the commemorative events. The interactive map background offers plenty of possibilities by using the CartoWeb.be view service, whereas the additional information is also supplemented with pictures, movies and more detailed descriptions.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: Junior Atlas [3E1]

Type: Atlas

Author(s): Bernard Hecq, René Schools

Published by: De Boeck

Date published: 01/07/2014

Brief abstract or additional comments:

Conceived and designed for children from 9 years, the Junior Atlas presents maps and data quality, in line with the pupils' curriculum. It has a format for easy handling, a simple internal organization, many photos illustrating the best themes and very readable maps (attractive colors, dynamic layout, clear explanatory benchmarks) which are all elements that will make it indispensable at school and at home.

Title: De Boeck Atlas [3E2]

Type: Atlas

Author(s): David Daenekint, Philippe De Maeyer, Jacques Merchiers, Jozef Paternoster, Georges Tibau

Published by: De Boeck

Date published: 01/07/2015

Brief abstract or additional comments:

Publisher De Boeck has a long tradition in designing maps and atlases for secondary education. The needs of the education in Flanders are the starting point when compiling the atlas. This means that the curricula of all educational networks are used as guidance for the compilation of the atlas. Moreover, care is taken to link the maps together which have a similar content. In practical terms, the usability of the atlas by students considered essential. Furthermore, the atlas is developed in cooperation with scientist and specialist in cartography.

Title: The small de boeck atlas [3E3]

Type: Atlas

Author(s): David Daenekint, Philippe De Maeyer, Jacques Merchiers, Jozef Paternoster, Georges Tibau

Published by: De Boeck

Date published: 01/08/2014

Brief abstract or additional comments:

The small de boeck atlas is intended to support specific courses in secondary education with an integrated nature. The cartographic materials are carefully selected, tailored to the needs of the

target audience. This means that the information is simplified, resulting in maps which are not visually overloaded.

Title: Atlas of the Herve region [3E4]

Type: Digital product

Author(s): students of 3rd bachelor in geography, Université Libre de Bruxelles

Published by: ULB

Date published: 01/06/2014

Brief abstract or additional comments:

This atlas of the region of Herve, Eastern Belgium, is a collective work of students taking place in the learning of map making and interpreting (third year in geography). Each student achieved a plate containing at least an original and interpreted map. The student had to choose its theme, read the related scientific literature, identify and map a relevant indicator, find other relevant documents, and provide a geographic interpretation. The collective discussion and supervision were in order to stimulate the quality of the output, the interconnection between the themes and the geographic interpretation of the region.

BRAZIL

MAPS

Title: Political Map of Brazil at the 1 : 5 000 000 scale [4M1]

Type of material: Paper

Scale: 1 : 5 000 000

Dimensions of the sheet (width and height, in millimeters): 890 x 1113

Author(s): Brazilian Institute of Geography and Statistics (IBGE)

Published by: Brazilian Institute of Geography and Statistics (IBGE)

Date published: 23/08/2015

Language(s) of the legend: Portuguese

Brief abstract or additional comments:

It is a mural cartographic representation of the whole Brazilian territory. It provides a macro vision of the territory to decision makers, supporting actions necessary to the country macro planning. Students and education professionals, at all levels, also are potential users of this product. This map is generated from the Seamless Cartographic Map of Brazil, at the 1 : 1 000 000 scale, portraying the political-administrative organization of the national territory. It contains a table that lists each unit of the federation, with the corresponding capital, population, territorial area, total number of municipalities and demographic density, grouped into the Brazilian great regions.

Title: Map of Transport Logistics of Brazil [4M2]

Type of material: Paper

Scale: 1 : 5 000 000

Dimensions of the sheet (width and height, in millimeters): 910 x 1000

Author(s): Brazilian Institute of Geography and Statistics (IBGE)

Published by: Brazilian Institute of Geography and Statistics (IBGE)

Date published: 25/11/2014

Language(s) of the legend: Portuguese

Brief abstract or additional comments:

The map of Transport Logistics in Brazil aims to present the main transportation infrastructure of the country, such as roads, highways, railways, waterways, airports and ports as well as other equipment associated with the logistics of cargo and people transportation, as warehouses, customs stations of interior (called "Portos Secos" – dry ports), border control points, airfields and inland ports. The density of transport infrastructure network is also presented on the map, as well as the main road axis and aerial cargo flow.

Title: Pedra Azul [4M3]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 799 x 794

Author(s): Brazilian Institute of Geography and Statistics (IBGE)

Published by: Brazilian Institute of Geography and Statistics (IBGE)

Date published: 29/05/2014

Language(s) of the legend: Portuguese

Brief abstract or additional comments:

Statistical Municipal Map for the Municipality of Pedra Azul. Hybrid product made from the join of topographic sheets in raster format covering the updated municipal boundaries in a GIS environment. IBGE has agreements with state agencies for the consolidation of municipal limits and the application of new legislation to be used in Annual Estimates of Resident Population in Brazilian Municipalities.

Title: World Map – Distances from Rio de Janeiro [4M4]

Type of material: Paper

Scale: 1 : 75 000 000

Dimensions of the sheet (width and height, in millimeters): 650 x 840

Author(s): Prof Dr Paulo Márcio Leal de Menezes and Prof Dr Manoel do Couto Fernandes

Published by: GeoCart – Laboratory of Cartography – Federal University of Rio de Janeiro

Date published: 29/05/2014

Language(s) of the legend: English

Brief abstract or additional comments:

Map developed as a Commemorative Edition, celebrating the 27th International Cartographic Conference in Rio de Janeiro. The map was projected in an Azimuthal Oblique Spherical Equidistant Projection centered at Rio de Janeiro, Brazil, on the coordinates: Downtown $\phi = -22^{\circ} 54' 31'' .78$ e $\lambda = -43^{\circ} 10' 37'' .71$. There are three graphical scales from the projection center, in kilometers, in miles and in flight hours. On this scale it was considered a flight speed of 850 km/h. This map is available for download by anyone through the link http://www.icc2015.org/down/Map_Plan_Eqd_Rio_75mil_8_Geo.zip

ATLASES

Title: Atlas of the 2010 Demographic Census [4A1]

Number of pages: 156

Dimensions (width and height, in millimeters): 350 x 350

Author(s): Brazilian Institute of Geography and Statistics (IBGE)

Published by: Brazilian Institute of Geography and Statistics (IBGE)

Date published: 28/06/2013

Language(s) of the text: Portuguese

Brief abstract or additional comments:

With this atlas, IBGE presents different sides of national territory configuration and the multiplicity that characterizes the dynamics and the evolution of its population, expanding, this way, the analytical possibilities concerning demographic contrasts and social and regional inequalities already approached in previously released results of the 2010 Population Census. Aiming at better evidencing these matters, the publication is structured as a list of topics which covers, in a comprehensive and interconnected

manner, the different aspects which form the population's demographic profile, with emphasis on regional and local differences.

Title: National Trade and Services Atlas [4A2]

Number of pages: 137

Dimensions (width and height, in millimeters): 350 x 350

Author(s): Ministry of Development, Industry and Foreign Trade (MDIC), Brazilian Institute of Geography and Statistics (IBGE) and Brazilian Micro and Small Businesses Support Service (SEBRAE)

Published by: Ministry of Development, Industry and Foreign Trade (MDIC)

Date published: 13/11/2013

Language(s) of the text: Portuguese

Brief abstract or additional comments:

The National Trade and Services Atlas was one of the central objectives of the 2012-2015 Themed Programme of Trade and Services of the Brazilian Government in its goal of mapping and diagnosing the trade and services sectors in Brazil. The Atlas portrays both the structure and the internal inequalities of Brazilian's economic activities, underlining patterns of spatial behavior and allowing us to visualize the locations of occupation and wealth generation through the trading sectors, services and logistical services of the Brazilian economy. It is the result of a partnership between the Ministry of Development, Industry and Foreign Trade (MDIC), Brazilian Institute of Geography and Statistics (IBGE) and the Brazilian Micro and Small Businesses Support Service (SEBRAE).

DIGITAL PRODUCTS

Title: Cartographic Database of Brazil to the Millionth (BCIM) [4D1]

Type: Vector map

Format: Shape File, PostGIS

Software platform in which it is managed: GIS

Author(s): Brazilian Institute of Geography and

Statistics (IBGE)

Published by: Brazilian Institute of Geography and Statistics (IBGE)

Date published or most recently updated: 09/12/2014

Nominal scale: 1 : 1 000 000

Language of the alphanumeric elements: Portuguese

Brief abstract or additional comments:

It is produced under the Permanent Update Program of Cartographic Maps at the 1 : 1 000 000 scale. It provides an integrated and seamless vision of the complete Brazilian territory, allowing users to obtain information related to positioning, geographic name and classification of the elements represented in the map. Main applications: planning and management of government programs focused on the territory; analyses which require a comprehensive vision of the country; map production at smaller scales; representation of thematic aspects of the territory. BCIM data feed the international cooperation projects Global Map (GM) and Global Map for the Americas (GMA).

Title: Cartographic Database of Brazil at 1 : 250 000 scale (BC250) [4D2]

Type: Vector map

Format: Geodatabase, PostGIS

Software platform in which it is managed: GIS

Author(s): Brazilian Institute of Geography and Statistics (IBGE)

Published by: Brazilian Institute of Geography and Statistics (IBGE)

Date published or most recently updated: 22/10/2013

Nominal scale: 1 : 250 000

Language of the alphanumeric elements: Portuguese

Brief abstract or additional comments:

It is produced under the Permanent Update Program of Cartographic Maps at the 1 : 250 000 scale. BC250 is the most detailed product providing visualization and supporting analyses of the entire national territory, allowing users to obtain information related to positioning, geographic

name and classification of the elements represented in the map. Main applications: cartographic reference for territorial planning, monitoring and management actions, as well as for natural resources information representation and updating. Future vision: to be the cartographic reference for producing smaller scale maps and the geospatial reference for the Global Mapping Project.

DIGITAL SERVICES

Title of the Spatial Data Infrastructure (SDI): National Spatial Data Infrastructure - INDE

Portal address: www.inde.gov.br

Information contents summary: Overview, Historical aspects, Legislation, Geoservices, News, Standards and Specifications, Contact

Services provided: WMS, WFS, XML and CSW / OGC

Provided by: Ministry of Planning

Start date on the Internet: 08/04/2010

Language of the alphanumeric elements: Portuguese

Brief abstract or additional comments:

The National Spatial Data Infrastructure (INDE, in Portuguese) was established on November 27, 2008, by the Presidential Decree Number 6666, with the following definition: integrated set of technologies; policies; coordination and monitoring mechanisms and procedures; standards and agreements, necessary to facilitate and organize the generation, storing, access, sharing, dissemination and use of geospatial data produced at Federal, State, District and Municipal levels. INDE aims at cataloguing, integrating and harmonizing geospatial data existing in Brazilian government institutions, which are producers and maintainers of this type of data, in such a way that they could be easily found, explored and accessed for the most diverse use by any Internet customer.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: My 1st Atlas [4E1]

Type: Atlas

Author(s): Brazilian Institute of Geography and Statistics (IBGE)

Published by: Brazilian Institute of Geography and Statistics (IBGE)

Date published:

Brief abstract or additional comments:

Once upon a time, there was a map. It is small. But it can also be big. It has more crooked lines than straight ones making its contour. In the middle, more lines and also more points that show the location of highways, railways, rivers, endangered species, cities, states and even the country. Exactly so. A map can represent all this and much more. With it, we can discover a fascinating world of information. What about starting now? Come on board in My first Atlas with Julia and Beбето and see that making a map can be simple and fun. My 1st Atlas is enclosed with a map of Brazil and its Federation Units - 4th edition.

OTHER CARTOGRAPHIC PRODUCTS

Title: Brazil in Figures 2015 [401]

Material: Book

Author(s): Brazilian Institute of Geography and Statistics (IBGE)

Published by: Brazilian Institute of Geography and Statistics (IBGE)

Date published: 26/07/2015

Brief abstract or additional comments:

Brazil in Figures, a bilingual publication, brings together information that allows synthesizing the Brazilian reality in its multiple aspects, being designed for all those who wish to know better the Country in an easy and illustrated way. Grouped in chapters, the figures and

tables present data about the national territory, demographic characteristics of the population, consumer prices, national accounts, agriculture, mining and manufacturing, trade and services, finances, foreign trade, science and technology and basic statistics of the Government, including data comparing Brazilian States. It has a compact size to offer a pleasant and comfortable reading.

BULGARIA

MAPS

Title: Strandja/Yildis the Mountain is Without Fires [5M1]

Type of material: Paper

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 1100 x 1280

Author(s): ECOPAN PLC and KARTGEO LTD

Published by: ECOPAN PLC and KARTGEO LTD

Date published: 22/01/2015

Language(s) of the legend: Bulgarian, English, Turkish

Brief abstract or additional comments:

The map of over 13 100 km² forest area was designed in implementation of the cross-border project "Strandzha/Yildis the mountain is without fires" covering the area of the state border between the Republic of Bulgaria and the Republic of Turkey along 182 km. Its thematic content represents the boundaries of the Bulgarian and the Turkish forestry enterprises, the classes of fire hazard of the forest areas within the scope of the project, the specialized services and the constructed firefighting infrastructure, the protected areas and the objects that attract a lot of visitors which increase the fire hazard in Strandzha.

Title: Riviera Holiday Club [5M2]

Type of material: Paper

Scale:

Dimensions of the sheet (width and height, in millimeters): 1016 x 356

Author(s): Petya Angelova and Stefan Bonchev

Published by: Bulgarian Cartographic Association

Date published: 15/06/2014

Language(s) of the legend: English

Brief abstract or additional comments:

It is a map representing one of the most beautiful bulgarian summer resorts, created for touristic purposes.

DIGITAL PRODUCTS

Title: Interactive Tourist Map of Australia [5D1]

Type: Website

Format: XML, SVG, Javascript and HTML files structured as cartographic layers with information about Australian cities, airports, harbors, extreme points, nearby territories, large areas, mountains, rivers, waterfalls, lakes, caves, significant rock features, best beaches, most popular golf courses, main roads, great train journeys, longest ferry line, world's biggest weapon range, largest nature conservation reserves

Software platform in which it is managed:

ArcGIS and Mappetizer for ArcGIS

Author(s): Yoana Sandinska and Temenoujka Bandrova

Published by: Bulgarian Cartographic Association

Date published or most recently updated: 09/06/2014

Nominal scale: 1 : 1 000 000 – 1 : 30 000 000

Language of the alphanumeric elements: English

Brief abstract or additional comments:

The map is created by collecting and integrating different types of data using ArcMap (where the most of the settings are performed) and Mappetizer for ArcGIS (for converting a data frame within ArcMap into SVG format and web publishing). It supports the following functionalities: map tips, coordinate read-out, measurement tools, turn on and off individual layers, report object information, hot-links for e-mail and other URL-addresses (internal and external links for multimedia data such as images and video). This cartographic product could be used in the fields of tourism, education, public services, presentation, etc.

Title: Tourist Map of the Center of Sofia with Interactive Audio Application [5D2]

Type: Website

Format: HTML file

Software platform in which it is managed:

Internet explorer, Firefox, Google chrome etc.

Author(s): Radi Dimitrov and Silvia Marinova

Published by: Bulgarian Cartographic Association

Date published or most recently updated: 01/07/2014

Nominal scale: 1 : 8 000, 1 : 4 000, 1 : 2 000

Language of the alphanumeric elements: Bulgarian

Brief abstract or additional comments:

Tourist map of the centre of Sofia with three nominal scales. It contains pictures and text for 28 tourist sites. More information about each tourist site is available through audio files attached to every object.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: Atlas on History and Civilization for 5. Grade [5E1]

Type: Atlas

Author(s): Matanov Hr. & Bandrova T.

Published by: DataMap - Europe Ltd., Bulgaria

Date published: 15/08/2014

Brief abstract or additional comments:

The atlas contains 40 maps. It is compiled according to the state educational requirements and educational curriculum by the Ministry of Education. The content is presented in four sections: Ancient civilizations to IV cent. AD.; The Middle Ages, IV-XI cent.; Bulgaria in XI-XIV cent.; Bulgaria under Ottoman Imperia, XV-XVII cent. Pages are designed in different colored frames for better orientation in the content, and each chapter begins with a chronology of events during the period. For this purpose the time line is made. The pages are supplemented with photos that make Atlas informative, beautiful and interesting textbook.

Title: Atlas on Geography and Economics for 11. and 12. Grades [5E2]

Type: Atlas

Author(s): Bandrova T.

Published by: DataMap - Europe Ltd., Bulgaria

Date published: 15/08/2014

Brief abstract or additional comments:

The Atlas is designed for a special training in Bulgarian schools and for those ones which have special interest in geography. The information is enough rich and updated, structured in 100 maps, classified into 8 sessions: Global geopolitics and geo-economics; Demographic change and globalization; Current trends in the world economy; Natural resources and potential of the Earth; Regions of the world in their diversity and specificity. Geography of Bulgaria is represented in 35 maps. Thoroughly developed topics allow detailed analysis, systematization of knowledge, evaluation of geographic and economic information, represented in the Atlas.

OTHER CARTOGRAPHIC PRODUCTS

Title: Natural Map of the World Icosahedron plus free puzzle Countries Map of the World [5O1]

Material: Paper

Author(s): Bandrova T. and Valev G.

Published by: DataMap - Europe Ltd., Bulgaria

Date published: 15/10/2013

Brief abstract or additional comments:

Icosahedron - regular polyhedron with 20 identical equilateral triangles, 30 edges, height of assembled figure - 16 cm. Natural map of the world is represented in Gnomonic projections in scale 1 : 80 000 000. Contains: reticule; relief, represented by hypsometric coloring; hydrography; state borders; capitals and major cities; text of hydrography, orography. puzzle - 20 identical equilateral triangles. You will get a country map of the world in scale 1 : 100 000 000, in Gnomonic projections in 43,380 possible variants of arrangement. Contains: reticule; countries

are represented by the background color and borders; hydrography; capitals and major cities; text of seas and oceans.

Title: Countries Map of the World Icosahedron plus free puzzle – Nature Map of the World [502]

Material: Paper

Author(s): Bandrova T. and Valev G.

Published by: DataMap - Europe Ltd., Bulgaria

Date published: 15/10/2013

Brief abstract or additional comments:

Icosahedron - regular polyhedron with 20 identical equilateral triangles, 30 edges, height of assembled figure - 16 cm. Country map of the world is represented in Gnomonic projections in scale 1 : 80 000 000. Contains: reticule; countries are represented by the background color and borders; hydrography; capitals and major cities; text of seas and oceans. puzzle - 20 identical equilateral triangles. You will get a nature map of the world in scale 1 : 100 000 000, in Gnomonic projections in 43,380 possible variants of arrangement. Contains: reticule; relief, represented by hypsometric coloring; hydrography; state borders; capitals and major cities; text of hydrography, orography.

CANADA

MAPS

Title: Map 601 Surficial Geology of Alberta [6M1]

Type of material: Paper

Scale: 1 : 1 000 000

Dimensions of the sheet (width and height, in millimeters): 833 x 1346

Author(s): M.M. Fenton, E.J. Waters, S.M. Pawley, N. Atkinson, D.J. Utting, K. Mckay

Published by: Alberta Energy Regulator/Alberta Geological Survey

Date published: 2015

Language(s) of the legend: English

Brief abstract or additional comments:

This map portrays a generalized compilation of the surficial geology of Alberta (1 : 1 000 000 scale) using published Alberta Geological Survey, Geological Survey of Canada, and Environment Canada maps, as well other data. We compiled vector data from 65 existing maps (scales 1 : 50 000 to 1 : 500 000) along with project specific mapping of the few unmapped areas (1 : 500 000 to 1 : 1 000 000 scale). We incorporated all of the data into a seamless provincial mosaic, resolved map boundary discrepancies, and generalized the mosaic using GeoScaler software published by the Geological Survey of Canada. The resulting surficial geology layer was overlaid on a hill-shaded Shuttle Radar Topography Mission digital elevation model.

Title: Charles Howard-Bury in the Tian Shan, 1913 [6M2]

Type of material: Paper

Scale: 1 : 900 000

Dimensions of the sheet (width and height, in millimeters): 584 x 889

Author(s): Morgan Hite

Published by: Hesperus Arts

Date published: 01/10/2014

Language(s) of the legend: English

Brief abstract or additional comments:

This map illustrates the 6 month journey of a

British explorer, Charles Howard-Bury, during 1913 in the area of today's China-Kazakh border. Howard-Bury's journals from this trip were published in 1990 as Mountains of Heaven: Travels In The Tian Shan Mountains, 1913. Considerable research was needed to piece together Howard-Bury's route from his text, and the lower half of the map explains aspects of this puzzle. Only free software and data were used: the shaded relief was created in Blender, while the map was composed in QGIS and finished in Inkscape.

Title: Jasper National Park of Canada [6M3]

Type of material: Paper

Scale: 1 : 185 000

Dimensions of the sheet (width and height, in millimeters): 1370 x 1020

Author(s): Michael Mitchell

Published by: MM Cartographics

Date published: 01/01/2015

Language(s) of the legend: English

Brief abstract or additional comments:

Jasper National Park (11 228 km²) is the largest of Canada's Rocky Mountain National Parks and part of the UNESCO Canadian Rocky Mountain Parks World Heritage Site. The Jasper National Park map shows this extraordinary wilderness area within the larger mountain landscape matrix and represents approximately 45 000 km² of the Canadian Rocky Mountains and adjacent foothills terrain. This map is the first in a series of two maps covering the contiguous four Canadian Rocky Mountain national parks system of Jasper, Banff, Yoho, and Kootenay national parks, and the entire UNESCO Site. When joined, these two maps represent nearly 83 000 km² of terrain!

Title: Toronto's Shoreline Evolution [6M4]

Type of material: Paper

Scale: 1 : 8 800

Dimensions of the sheet (width and height, in millimeters): 457 x 609

Author(s): William Davis

Published by: Spacing Magazine

Date published: Spring 2015

Language(s) of the legend: English

Brief abstract or additional comments:

The "Toronto's Shoreline Evolution" map is built from several historic maps that have been digitized and published on the City of Toronto's Open Data Portal. Noteworthy maps included in the dataset are the Phillpotts Plan of York (1818) – one of the city's fundamental maps, which was used primarily for military defensive planning, Chewett City of Toronto and Liberties (1834) – the first official map of the City of Toronto, and Goad's Toronto Fire Insurance Maps (1884-1910) – the highest detailed heritage maps. When visualized together, these historic maps create a great depiction of how much the City's landscape has changed.

Title: Map of Major Meteorological Station Networks in Alberta [6M5]

Type of material: Paper

Scale: 1 : 1 000 000

Dimensions of the sheet (width and height, in millimeters): 735 x 1290

Author(s): Geral Stark and Ralph Wright

Published by: Alberta Agriculture and Rural Development, Edmonton, Alberta Canada

Date published: 06/11/2013

Language(s) of the legend: English

Brief abstract or additional comments:

This map shows the distribution and description of 579 weather stations in the Province of Alberta Canada. Various base features are present to give a reference to the station networks. The map is used by Alberta Agriculture's online Agroclimatic Information Service (ACIS – web: www.weatherdata.ca) application developers to inventory existing stations and as a planning tool for future expansion of station locations within the province.

Title: Marine Resources in Howe Sound/Txwnuwuts [6M6]

Type of material: Paper

Scale: 1 : 80 000

Dimensions of the sheet (width and

height, in millimeters): 880 x 1200

Author(s): Michelle Molnar (David Suzuki Foundation - Project Leader), Bob Plummer (Smart Map Services – GIS Analyst/Cartographer)

Published by: David Suzuki Foundation

Date published: 01/02/2015

Language(s) of the legend: English with First Nation names of various islands and communities

Brief abstract or additional comments:

The map shows the distribution of important marine ecosystems within the study area. The map is one of a series of maps developed for a Natural Capital Valuation of Howe Sound, Canada. The study is part of a larger goal to make nature economically visible. By assessing the stock and state of ecosystems and providing an economic value to the functions or services they provide, it aims to illuminate the connections between the economy and nature. It is a vital step toward designing the economy to be more compatible with natural systems.

Title: The Tides of Grand Pré [6M7]

Type of material: Paper

Scale: Variable (perspective view)

Dimensions of the sheet (width and height, in millimeters): 571 x 505

Author(s): Marcel Morin (Lost Art Cartography)

Published by: Marcel Morin (Lost Art Cartography)

Date published: 01/11/2014

Language(s) of the legend: English

Brief abstract or additional comments:

This unique perspective view applies lidar data and ortho imagery to demonstrate the impact of the massive tides of the Bay of Fundy surrounding and always affecting the land mass of the Landscape of Grand Pré. The massive Bay of Fundy tides (up to 17 metres vertical range) and evolving changes to the Minas Basin coastline and river patterns have moulded the shape of the Grand Pré landscape. The dykes have rarely been breached thanks to the continuing efforts of the Nova Scotia Department of Agriculture. Their retention is critical to the continuance of agriculture and the inscription of the World Heritage Site.

Title: McNabs Island Interpretive Map [6M8]**Type of material:** Paper, original on Aluminetex**Scale:** 1 : 2 600**Dimensions of the sheet (width and height, in millimeters):** 900 x 580**Author(s):** Marcel Morin (Lost Art Cartography), The Friends of McNabs Island Society, Sperry Design**Published by:** The Friends of McNabs Island Society**Date published:** 01/09/2014**Language(s) of the legend:** English**Brief abstract or additional comments:**

McNabs Island located at the entrance to Halifax Harbour is part of McNabs and Lawlor Islands Provincial Park and includes Fort McNab National Historic Site. This 372-hectare natural environment park steeped in history is only a short boat ride from Halifax, the provincial capital of Nova Scotia. The orientation map is one component of a welcome kiosk for island visitors. The design had to be visually attractive to engage a visitor's interest and functionally easy to navigate. It had to present a rich variety of island content to interest diverse outdoor enthusiasts: hikers, picnickers, campers, geocachers, kayakers, birders and photographers.

Title: Kamloops Geopictorial™ Map [6M9]**Type of material:** Paper**Scale:** Variable (perspective view)**Dimensions of the sheet (width and height, in millimeters):** 685 x 978**Author(s):** Jean-Louis Rheault, Montreal QU**Published by:** Mountain Media, Kelowna BC**Date published:** 01/07/2013**Language(s) of the legend:** English**Brief abstract or additional comments:**

The Kamloops map was created by Jean-Louis Rheault, a Montreal-based artist who has crafted the art of pictorial mapmaking around the world for over 25 years. The Geopictorial™ map presents an illustrated birds-eye view of the landscape in contrast to the scaled grids of regular roadmaps. The idea is to replicate,

not visual perspective, but spatial perception – how people can best understand the lay of the land. The map was showcased in poster form (as displayed here) as well as on huge outdoor visitor information signs within the local Kamloops area.

Title: Pyramid Peak [6M10]**Type of material:** Paper**Scale:** 1 : 50 000**Dimensions of the sheet (width and height, in millimeters):** 680 x 955**Author(s):** Natural Resources Canada**Published by:** Natural Resources Canada**Date published:** 29/03/2012**Language(s) of the legend:** English, French**Brief abstract or additional comments:**

Pyramid Peak (map number 059H12) is part of the CanTopo series. This digital cartographic product originates from the best available data sources covering the Canadian territory and offers a quality cartographic product in vector and raster format that complies with international geomatics standards. CanTopo is a multi-source product generated from the Cartographic Data Base (CDB) described in the Cartographic Data Base (CDB) Product Specification. Data within the CDB comes mainly from the GeoBase initiative (www.geobase.ca), Natural Resources Canada digital topographic data and data from national initiatives. Data from authoritative sources, such as other government agencies both federal and provincial, are identified, stored, and used.

Title: Potash Deposits and Mines in Saskatchewan [6M11]**Type of material:** Paper**Scale:** 1 : 6 675 000**Dimensions of the sheet (width and height, in millimeters):** 218 x 280**Author(s):** John Burton (author of Potash – an Inside Account of Saskatchewan's Pink Gold) and Julia Siemer (cartographer)**Published by:** University of Regina**Date published:** 2014**Language(s) of the legend:** English**Brief abstract or additional comments:**

This black and white map shows active potash mines and those under construction in 2013 in the Province of Saskatchewan, Canada.

Title: Under Pressure: Mapping the Environmental Woes of the Great Lakes [6M12]

Type of material: Paper

Scale: 1 : 25 000 000

Dimensions of the sheet (width and height, in millimeters): 270 x 365

Author(s): Chris Brackley with text by Nick Walker

Published by: Canadian Geographic

Date published: 01/07/2013

Language(s) of the legend: English

Brief abstract or additional comments:

For three years scientists working for The Great Lakes Environmental Assessment and Mapping project (GLEAM) analyzed, collected and plotted information on various environmental Great Lake stressors including effects of residential, commercial and industrial development. This map, produced with GLEAM's data, illustrates impacts of human activity across the Great Lakes. With roughly one-quarter of Canada's population drinking from the Great Lakes' basin, this map highlights patterns about the many complex stressors in the Great Lakes and demonstrates the need to improve how we manage the Great Lakes in the future.

Title: Canada's Energy: Production and Transmission [6M13]

Type of material: Paper

Scale: 1 : 10 000 000

Dimensions of the sheet (width and height, in millimeters): 490 x 670

Author(s): Chris Brackley with text by Canadian Geographic

Published by: Canadian Geographic

Date published: 01/06/2013

Language(s) of the legend: English, French

Brief abstract or additional comments:

Canada is an energy-rich nation and one of the top energy producers on the planet. Highlighting Canada's variety in energy production resources, this map gives a national perspective on where

Canada's energy comes from, where it goes and how it gets there.

Title: Multiscale Topographic Positions of Eastern North America [6M14]

Type of material: Paper

Scale: 1 : 1 587 300

Dimensions of the sheet (width and height, in millimeters): 600 x 860

Author(s): John Lindsay

Published by: The Whitebox Project (www.uoguelph/~hydrogeo/Whitebox/)

Date published: 01/01/2015

Language(s) of the legend: English

Brief abstract or additional comments:

This map depicts site topographic position across multiple spatial scales including local (0.4 – 16 km), meso (16 – 123 km), and broad (170 – 295 km) ranges. Sites occupying prominent positions are apparent by colour and are either significantly elevated or low-lying relative to their surroundings.

Title: Yukon [6M15]

Type of material: Paper

Scale: 1 : 1 000 000

Dimensions of the sheet (width and height, in millimeters): 920 x 1070

Author(s): Environment Yukon

Published by: Government of Yukon

Date published: 01/12/2012

Language(s) of the legend: English

Brief abstract or additional comments:

This beautiful wall map of the Yukon territory combines detailed shaded relief with positional information showing the location of communities, historic sites, roads, railways, campgrounds and parks or protected areas. It was produced with data from the Digital Chart of the World and employs the Yukon Albers projection.

ATLASES

Title: Pimachiowin Aki Cultural Landscape Atlas - Land That Gives Life [6A1]

Number of pages: 154
Dimensions (width and height, in millimeters): 305 x 228
Author(s): Pimachiowin Aki Corporation, Iain J Davison-Hunt, Nathan Deutsch, Andrew Miller, University of Manitoba, Patty Nelson (Nelson Architecture Inc.), Marcel Morin (Lost Art Cartography)

Published by: Pimachiowin Aki Corporation
Date published: 01/12/2013

Language(s) of the text: English

Brief abstract or additional comments:
This cultural landscape atlas is beautiful, groundbreaking and a moving testimony of the deep love and respect the Anishinaabe people have maintained over generations for their traditional homelands and all the biodiversity and life within Pimachiowin Aki. The Atlas provides a comprehensive and eloquent account of the rich cultural associations embedded in this special place and in so doing makes a powerful case for why the Anishinaabe have sought recognition for 'the land that gives life' as a World Heritage site. The Cultural Landscape Atlas was made possible because of the collaborative relationships the Anishinaabe developed with researchers, scientists and other supporters of their vision.

Title: Ontario Back Road Atlas [6A2]

Number of pages: 275

Dimensions (width and height, in millimeters): 275 x 220

Author(s): Canadian Cartographics Corporation
Published by: Canadian Cartographics Corporation

Date published: 2015

Language(s) of the text: English

Brief abstract or additional comments:
This best-selling Ontario Road Atlas has been completely revised and updated for 2015. One hundred additional pages have been added in a new GPS compatible mapping style, now with more 1 : 250 000 back road coverage than any existing Ontario map publication.

Title: Atlas of Canada: The Story of a Country through Maps, Photographs,

History and Culture [6A3]

Number of pages: 304

Dimensions (width and height, in millimeters): 270 x 315

Author(s): Canadian Geographic

Published by: Harper Collins

Date published: 20/10/2014

Language(s) of the text: English

Brief abstract or additional comments:

In this atlas, you will find outstanding reference maps of Canada, detailed pages including contributions from Canadian luminaries on many aspects of the country from its geology to its industry, award-winning photography, historical maps, satellite images and extended descriptions of all the provinces and territories.

DIGITAL PRODUCTS

Title: Pan Inuit Trails Atlas [6D1]

Type: Electronic Atlas

Format: Digital (<http://www.paninuittrails.org>)

Software platform in which it is managed:

Any with access to Chrome or Firefox

Author(s): Dr. Claudio Aporta at Dalhousie University, Dr. Michael Bravo from the University of Cambridge, Dr. D.R. Fraser Taylor at Carleton University, Amos Hayes and Jean-Pierre Fiest at the Geomatics and Cartographic Research Centre, and assistance from Erin Cummings, Amélie Byam, Mike Reid, Barbara George, Becky Field, Hugh Lloyd, John MacDonald, and Frances Abele

Published by: Geographic and Cartographic Research Centre, Carleton University

Date published or most recently updated: 01/06/2014

Nominal scale: Dynamic

Language of the alphanumeric elements:

English (with some Inuktitut content)

Brief abstract or additional comments:

The Pan Arctic Inuit Trails Atlas, constructed from historical records, accounts, maps, trails and place names is visualized using innovative mapping technology. It provides a unique window into the spatial extent and connectedness of the Inuit occupancy, illustrating their historic sovereignty

over a large area of Arctic land, sea and ice. The focus of the Atlas in this initial project is on material from the Eastern and Central Canadian Arctic. It is hoped that the Atlas can be further developed in subsequent phases to present material of other Inuit groups such as the Inupiat, Inuvialuit, and peoples of Nunatsiavut (Labrador) and Nunavik.

Title: Environmental Atlas of the Beaufort Coastlands [6D2]

Type: Electronic Atlas

Format: Digital release (<http://geogratis.gc.ca>)

Software platform in which it is managed: Any; 130 MB required for download

Author(s): Pelletier, B. R. and Medioli, B. E.

Published by: Natural Resources Canada

Date published or most recently updated: 15/07/2014

Nominal scale: Variable

Language of the alphanumeric elements: English

Brief abstract or additional comments:

The Beaufort Coastlands, lying adjacent to the southeastern Beaufort Sea, include the northern basin of the Mackenzie River drainage area. These lands are home to more than 7500 people, most of whom are aboriginal residents. Natural conditions, particularly the climate, seriously affect the livelihood of these Arctic dwellers in both a beneficial and calamitous manner. For example, fair conditions can introduce a bountiful wildlife harvest everywhere, but a harsh climate can forestall both land and marine migrations and interfere with hunting activities. This latter event may produce a low yield of much-needed animal resources. Reports on climate warming are based on observations of a shrinking volume of sea ice, and the drilling records and instrument readings that show a deepening summer thaw of permafrost.

Material: Paper

Author(s): Claus Rinner

Published by: Self-published via CafePress Inc. online printing and marketplace service; store at <http://www.cafepress.ca/clausr>.

Date published: 01/11/2014

Brief abstract or additional comments:

The "Season's Greetings @Toronto" holiday card shows an extract of a map of Toronto traffic signals. Three types of traffic signals are symbolized with green triangles, yellow circles, and red stars respectively. Each of these symbols has a semi-transparent halo in the same colour. The colourful traffic lights insinuate Christmas decoration and are shown on top of a black background and subtle grey street centrelines. All data used are from the City of Toronto's open data catalog, licensed under the Open Government License – Toronto.

OTHER CARTOGRAPHIC PRODUCTS

Title: Season's Greetings @Toronto [601]

CHILE

MAPS

Title: "CALETA ZENTENO" (Zenteno anchorage) [7M1]

Type of material: Paper

Scale: 1 : 5 000

Dimensions of the sheet (width and height, in millimeters): 820 x 970

Author(s): Servicio Hidrografico y Oceanografico de la Armada de Chile

Published by: Servicio Hidrografico y Oceanografico de la Armada de Chile

Date published: 29/10/2014

Language(s) of the legend: Spanish

Brief abstract or additional comments:

The Hydrographic and Oceanographic Service of the Navy of Chile is responsible for surveying and mapping the maritime, oceanic, and coastal territory of Chile together with its coastline and coastal zones. This map is part of its standardized map series, incorporating bathymetric data intended for use in maritime navigation. The area covered is located at latitude south 26° 51' and includes a cargo port on the coast a short distance to the north of the town of Caldera, in northern Chile. Projection: Mercator. Datum: SIRGAS-CHILE (WGS-84)

Title: Geology and Geochemical Characterization of Thermal Sources, Los Lagos Region [7M2]

Type of material: Plastic

Scale: 1 : 500 000

Dimensions of the sheet (width and height, in millimeters): 705 x 1613

Author(s): Felipe Aguilera B., Carolina Honores B., Martín Lemus H., Hugo Neira S., Yasna Pérez D., Juan Rojas E.

Published by: Servicio Nacional de Geología y Minería - SERNAGEOMIN

Date published: 29/11/2014

Language(s) of the legend: Spanish

Brief abstract or additional comments:

The National Geological and Mining Service is

responsible for official mapping of geological formations in Chile. The map shows the distribution of thermal springs located in the area of the main Andean range, associated with: active volcanic systems and/or active potentially, emissions located on fault traces and influenced by waters of marine origin, and emissions located on fault traces. There are 6 geothermal systems, defined by the criteria of distribution, chemistry of thermal waters, deep temperature emissions, lithology and structures distribution. For each geothermal system the amount of emissions, temperatures, water chemistry, geothermometer applied and enthalpy data are indicated; also the estimated temperature, low temperature depth, probable and/or maximum for the general reservoir. The surface geology, distribution of faults and lineaments give the context. The coverage is of the tenth (Los Lagos) region in south-central Chile. Projection: UTM zone 19S. Datum: SIRGAS

Title: Puerto Eden [7M3]

Type of material: Paper

Scale: 1 : 250 000

Dimensions of the sheet (width and height, in millimeters): 750 x 622

Author(s): Instituto Geografico Militar

Published by: Instituto Geografico Militar

Date published: 31/01/2013

Language(s) of the legend: Spanish

Brief abstract or additional comments:

The Military Geographic Institute is the main state cartographic agency of Chile and is responsible for this country's official cartography, which includes especially the topographically-exact base maps; one part of these base maps are the 1 : 250 000-scale series. This series has, in recent years, been converted to the SIRGAS (WGS 84) Datum; one of the very last to be republished was the "Puerto Eden" sheet covering a remote part of southern coastal Chile.

Title: Archipiélago Juan Fernández (Juan Fernandez Islands) [7M4]

Type of material: glossy paper

Scale: 1 : 19 000

Dimensions of the sheet (width and height, in millimeters): 1000 x 700

Author(s): Instituto Geografico Militar

Published by: Instituto Geografico Militar

Date published:

Language(s) of the legend: Spanish

Brief abstract or additional comments:

The Military Geographic Institute is the main state cartographic agency of Chile. It publishes various cartographic products, including this map of the "Juan Fernández" islands in the Pacific ocean in the UTM projection, Datum SIRGAS (WGS-84). Like the map of Easter Island (displayed at ICC 2013) in a similar format, this map can be used by tourists and in schools for education.

ATLASES

Title: Atlas Geográfico para la Educación (Geographic Atlas for Education) [7A1]

Number of pages: 216

Dimensions (width and height, in millimeters): 230 x 300

Author(s): Instituto Geográfico Militar

Published by: Instituto Geográfico Militar

Date published: 04/11/2014

Language(s) of the text: Spanish

Brief abstract or additional comments:

Intended for school pupils and students of all ages as a support for all geography-related learning. The content follows the guidelines of the Chilean Education Ministry and includes chapters on "Cartography"; "The World", "The Continents"; "Chile and its Region". It includes a 1 : 1 500 000 scale map of Chile with its elevations and relief, a list of geographic names, a glossary and bibliography. The IGM has updated the basic version of this Atlas several times over the last 14 years (approximately), this is the latest edition. One of the range of atlases

and books covering geographic and cartographic topics published by the Military Geographic Institute of Chile.

Title: Atlas Mundial (World Atlas) [7A2]

Number of pages: 152

Dimensions (width and height, in millimeters): 245 x 310

Author(s): Instituto Geográfico Militar

Published by: Instituto Geográfico Militar

Date published: 14/01/2011

Language(s) of the text: Spanish

Brief abstract or additional comments:

Intended for school pupils and students of all ages as a support for all geography-related learning. The content follows the guidelines of the Chilean Education Ministry. It complements the "Geographic Atlas for Education" by covering the topics of the universe, the Earth as a system, Man and evolution, regions of the world, geopolitical entities and history through maps. Although originally approved for publication in 2011, the edition presented here is from the reprint of 2014. One of the range of atlases and books covering geographic and cartographic topics published by the Military Geographic Institute of Chile.

Title: Atlas Político Geográfico del Siglo XX (Geographic & Political Atlas of the 20th Century) [7A3]

Number of pages: 139

Dimensions (width and height, in millimeters): 320 x 240

Author(s): Instituto Geográfico Militar

Published by: Instituto Geográfico Militar

Date published: 18/06/2013

Language(s) of the text: Spanish

Brief abstract or additional comments:

An atlas with maps and texts covering the major events of the history of the world in the twentieth century, intended for general readers, students and school pupils. One of the range of atlases and books covering geographic and cartographic topics published by the Military Geographic Institute of Chile.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: “Mapa Físico de conceptos Geográficos del Paisaje Litoral, Llanura y de Montaña” (Physical map of geographic concepts of coastal, plains and mountainous landscapes) [7E1]

Type: 3D tactile map

Scale: 1 : 1 300 000

Author(s): Universidad Tecnológico Metropolitana - Centro de Cartografía Tactil

Published by: Universidad Tecnológico Metropolitana

Date published: 01/11/2013

Brief abstract or additional comments:

The Tactile Cartography Centre of the Metropolitan Technological University researches tactile maps for the blind and the methods for using them for educational purposes. This product is linked to a “Manual of Geographic Concepts” as a teaching aid; the book explains how to use it, and it consists of a main map at 1 : 1 300 000 scale, with a transparent 3D element over a 2D coloured map, associated with several plastic sheets with simplified 3D portrayal of enlarged sectors of the main map.

CHINA

MAPS

Title: Ground Water Serial Maps of Asia [8M1]

Type of material: Paper

Scale: 1 : 8 000 000

Dimensions of the sheet (width and height, in millimeters): 3 maps, each 1565 x 1605

Author(s): China Geological Survey

Published by: SinoMaps Press

Date published: 30/09/2013

Language(s) of the legend: English

Brief abstract or additional comments:

Consisting of Hydrogeological Map of Asia, Groundwater Resources Map of Asia and Geothermal Map of Asia, the serial maps provide valuable scientific basis for transnational natural resources utilization, water resources planning, geo-environmental protection, disaster prevention and mitigation in Asian countries.

Title: Atlas of Typical Landform in Western China [8A2]

Number of pages: 286

Dimensions (width and height, in millimeters): 420 x 297

Author(s): Zhang Jixian and etc.

Published by: SinoMaps Press

Date published: 01/09/2013

Language(s) of the text: Chinese

Brief abstract or additional comments:

The Atlas of Typical Landform in Western China is a regional thematic atlas, the subject content of which is to represent topography characteristics in western China. According to contributing factors to the formation of landform, the contents are classified into ten categories including introductory maps, structural landform, fluvial and lacustrine landform, glacial landform, aeolian landform, loess landform, karst landform, gravity landform, man-made landform and appendix.

ATLASES

Title: Atlas of Standard Placenames of the World [8A1]

Number of pages: 480

Dimensions (width and height, in millimeters): 300 x 450

Author(s): SinoMaps Press

Published by: SinoMaps Press

Date published: 01/07/2014

Language(s) of the text: chinese, bilingual (Chinese and Romanized) place names

Brief abstract or additional comments:

While much emphasis has been placed on the standard transliteration and Romanization of place names in the world, the Atlas also serves as a comprehensive world reference containing thematic maps of the world, geographical maps of the countries, city maps and place name index, with texts and pictures for each continent and country.

Title: The Historical Atlas of Chongqing • Volume one Ancient Maps [8A3]

Number of pages: 405

Dimensions (width and height, in millimeters): 285 x 420

Author(s): Chongqing Urban Planning Bureau and Chongqing Survey Institute

Published by: SinoMaps Press

Date published: 31/08/2013

Language(s) of the text: Chinese, English

Brief abstract or additional comments:

The Atlas consists of five parts - "Historical Map of Bayu", "Chongqing Territory Map", "Changing Map of Chongqing City", "County Map" and "Map Collection"; in a layout of space plus time, it combines the thread-bound ancient books, elements like Green Dragon and White Tiger as well as the generation among five elements with the symbols of Chongqing's cultural connotation in design, objectively demonstrating Chongqing's civilization and history of nearly one thousand years.

DIGITAL PRODUCTS

Title: AutoNavi Map [8D1]

Type: Image map

Format: nil

Software platform in which it is managed:

Android, IOS, Windows Phone 8

Author(s): AutoNavi Software Co., Ltd

Published by: AutoNavi Software Co., Ltd

Date published or most recently updated:

10/04/2015

Nominal scale: N/A

Language of the alphanumeric elements:

Chinese

Brief abstract or additional comments:

Produced by largest Chinese electronic map, navigation and LBS solutions provider AutoNavi Software, AutoNavi Map is the domestic leading free map navigation product of China, also is the most comprehensive and abundant mobile phone map based on the LBS. AutoNavi Map utilizes leading technology to create "a live map" for the best experience of the user.

DIGITAL SERVICES

Title of the Spatial Data Infrastructure (SDI): GlobeLand30 Service Platform

Portal address: www.globeland30.org

Information contents summary:

GlobeLand30, the world's first global land cover datasets at a 30m resolution

Services provided: WMS

Provided by: National Administration of Surveying, Mapping and Geoinformation

Start date on the Internet: 23/09/2014

Language of the alphanumeric elements:

Chinese, English

Brief abstract or additional comments:

GlobeLand30 is a service platform for the open access of global land cover data and information. It currently maintains the global land cover for the years 2000 and 2010 in 10 main classes, including water body, wetland, artificial land, etc.

The platform allows users to browse and freely download data products, and perform online tagging and basic land cover statistics.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: Geographic Atlas for Middle School Students (a full set of 4 copies) [8E1]

Type: Atlas

Author(s): SinoMaps Press, People's Education Press

Published by: SinoMaps Press

Date published: 01/12/2013

Brief abstract or additional comments:

This series of Geographic Atlas is compiled according to the geographic curriculum standard, and is supporting materials of compulsory education geography textbook. It includes four copies, which are respectively for students of seven to eight grades. The four copies fully take the advantage of image system, in which the maps occupy the principal status.

OTHER CARTOGRAPHIC PRODUCTS

Title: 3D View of the Beautiful Earth [801]

Material: Paper

Author(s): Li Pengde

Published by: SinoMaps Press

Date published: 30/04/2015

Brief abstract or additional comments:

This book is compiled by NASG (National Administration of Surveying, Mapping and Geoinformation of China), it shows the earth observation images of ZY-3 satellite which is self-developed and launched by China. The total number of these satellite images is 49.

Title: Hand-drawn Map of Nanning Culture [802]

Material: Paper

Author(s): Chen Ming, etc.

Published by: Nanning Urban Planning and Geomatics Center

Date published: 01/06/2014

Brief abstract or additional comments:

Hand-drawn Map of Nanning Culture includes Nanning Hand-drawn Map, Nanning Hand-drawn Entertainment Map (for places of eating, drinking, entertaining and etc.), Hand-drawn Map of Qingxiu Mountain Tourist Area, and Hand-drawn Map of Nanning Zoo.

Title: Map of the Xinjiang Uygur Autonomous Region [803]

Material: Polyester silk

Author(s): The Second Surveying and Mapping Institute of Xinjiang Uygur Autonomous Region

Published by: Harbin Cartographic Publishing House

Date published: 01/09/2013

Brief abstract or additional comments:

The Map mainly focuses on transportation and tourism of Xinjiang Uygur Autonomous Region, which is located at the core area of the Silk Road Economic Belt. The Map was drawn in Archaistic color and decorated with European style frame, with monochromic and polychromic pictures of natural scenery and ethnic folklore.

An impressive 12"/30cm raised-relief globe featuring an illuminated ball, calibrated semi-meridian and sturdy die-cast brass plated base, it is produced in numerical control machines using the updated DEM dataset.

Title: Chang'E-1 Globe of the Moon (Ø32cm) [805]

Material: Plastic

Author(s): Li Chunlai, Liu Jianjun, Mu Lingli, Yang Yougen

Published by: National Astronomical Observatories, Surveying and Mapping Press

Date published: 01/12/2013

Brief abstract or additional comments:

This globe (Ø32cm) merges color-coded map (derived from DEM) with DOM to illustrate the topographic and geomorphological characteristics of the Moon. The blue tone stands for the low area, and the yellow tone for the high area.

GLOBES

Title: 12"/30cm Chinese raised-relief education globe (Illuminated) [804]

Material: High quality polyvinyl chloride (PVC), Sturdy die-cast brass plated base

Author(s): Beijing Boom Cartographic Product Co., Ltd.

Published by: The Surveying and Mapping Publishing House

Date published: 26/01/2014

Brief abstract or additional comments:

CHINA

CHINESE CARTOGRAPHIC ASSOCIATION (CHINESE TAPEI)

MAPS

Title: Taiwan Map [9M1]

Type of material: Paper

Scale: 1 : 400 000

Dimensions of the sheet (width and height, in millimeters): 880 x 1140

Author(s): Ministry of the Interior

Published by: Ministry of the Interior

Date published: 25/09/2011

Language(s) of the legend: Chinese, English

Brief abstract or additional comments:

The administration zones found in this project is corroborated by relevant geographical information provided by county (city) government as well as village (township and city) administration office for preliminary task. Since this is the first map-printing project conducted by each level of government administrations nationwide, we sincerely cherish the result from this cooperation, and hope the publication of the regional maps of each administration zone can render the entire country into closer cooperation.

Title: Taipei Universal Atlas [9A2]

Number of pages: 256

Dimensions (width and height, in millimeters): 210 x 297

Author(s): Dah Yu editorial department

Published by: Dah Yu Publishing Co., Ltd.

Date published: 20/03/2014

Language(s) of the text: Chinese

Brief abstract or additional comments:

The book marks Taipei's latest national and provincial highways, fast roads, general roads, MRT, Taiwan high-speed rail, Taiwan Railways Administration, bridges, communication channels, tunnels and other transportation facilities, as well as popular tourist attractions, government agencies, communities, convenience stores etc.

ATLASES

Title: Atlas of Islands in East Sea and South China Sea [9A1]

Number of pages: 300

Dimensions (width and height, in millimeters): 300 x 260

Author(s): Ministry of the Interior

Published by: Ministry of the Interior

Date published: 01/04/2015

Language(s) of the text: Chinese

Brief abstract or additional comments:

Islands located in East Sea and South China Sea which belong to Taiwan.

CHINA, HONG KONG SPECIAL ADMINISTRATIVE REGION

MAPS

Title: 1 : 20 000 Topographic Map (HM20C Series) [Sheet 11] [10M1]

Type of material: Paper

Scale: 1 : 20 000

Dimensions of the sheet (width and height, in millimeters): 980 x 685

Author(s): Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Published by: Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Date published: April 2014

Language(s) of the legend: Chinese, English

Brief abstract or additional comments:

HM20C Series is a small scale map with 16 sheets covering the whole Hong Kong territory. It depicts topography with contours at 20m interval. This general purpose map series serves many uses such as planning, teaching and orienteering.

Title: 1 : 100 000 Topographic Map (HM100CL Series) [10M2]

Type of material: Paper

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 850 x 655

Author(s): Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Published by: Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Date published: July 2015

Language(s) of the legend: Chinese, English

Brief abstract or additional comments:

HM100CL Series is a single sheet map printed in colour with hill shading and layer

ting. Contours are at 100m interval with supplementary contours at 50m level. It offers a general view of the topography of Hong Kong.

Title: Hong Kong Helicopter Flying Chart (HM50HFC Series) [Sheet 1 & 2] [10M3]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 690 x 1010 (x 2 sheets)

Author(s): Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Published by: Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Date published: September 2014

Language(s) of the legend: English

Brief abstract or additional comments:

The Helicopter Flying Chart shows the flight areas within Hong Kong. The aeronautical information is overprinted in red and blue. The Chart is only available in English version.

Title: North West New Territories (Countryside Series) [10M4]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 880 x 610 (both sides)

Author(s): Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Published by: Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Date published: July 2014

Language(s) of the legend: Chinese, English

Brief abstract or additional comments:

The Countryside Map shows the close proximity

of urban development to country parks, where hikers and nature lovers can escape from the hustle and bustle of the city. The map contains leisure amenities and footpaths information in addition to topographic features. It is printed on water-proof environmental friendly synthetic paper on both sides and can be folded for the convenience of users.

Title: Hong Kong and Guangdong Province Satellite Image Map (GDPM800S Series) [10M5]

Type of material: Paper

Scale: 1 : 800 000

Dimensions of the sheet (width and height, in millimeters): 1300 x 1100

Author(s): Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Published by: Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Date published: July 2015

Language(s) of the legend: Chinese, English

Brief abstract or additional comments:

The Hong Kong and Guangdong Province Satellite Image Map is produced by using thirty-one Landsat-8 satellite images captured in October 2013 – November 2014. The map shows the name and location of administrative centres and settlements within the region.

Title: Geological Map of Hong Kong (AR/3/G) [Chinese and English versions] [10M6]

Type of material: Paper

Scale: 1 : 200 000

Dimensions of the sheet (width and height, in millimeters): 336 x 235 (x 2 sheets)

Author(s): Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Published by: Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Date published: July 2015

Language(s) of the legend: Chinese or English

Brief abstract or additional comments:

The Geological Map of Hong Kong illustrates the geology of Hong Kong. It is used as the end paper map of the Hong Kong Annual Report to be published in 2015. Both Chinese and English versions of this map are prepared.

ATLASES

Title: Hong Kong Guide 2015 [10A1]

Number of pages: 408

Dimensions (width and height, in millimeters): 188 x 271

Author(s): Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Published by: Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Date published: January 2015

Language(s) of the text: Chinese, English

Brief abstract or additional comments:

The Hong Kong Guide provides accurate and detailed maps covering the whole territory of Hong Kong. It contains indexes of streets and places that can serve as gazetteer for Chinese and English names of streets and geographical places in Hong Kong. This year, the guide features the theme of exploration for fun on Lantau Island and introduces the unique natural landscape and ecology of the island in four aspects, namely "Heritage and Leisure", "Religious Buildings", "Trails and Campgrounds" and "Natural Ecology". With the cover and theme pages embellished for the first time with a background of graceful water-colour paintings, the 2015 takes readers on journeys of exploration.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: Understanding Maps (Leaflet) [10E1]

Type: Map

Author(s): Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Published by: Survey and Mapping Office, Lands Department, Government of Hong Kong Special Administrative Region

Date published: July 2014

Brief abstract or additional comments:

The Understanding Maps leaflet intends to arouse the interest of children to learn about maps. Teachers and parents may use the leaflet as a teaching tool helping children to acquire some map-reading skills that are useful for life.

CROATIA

MAPS

Title: World Map [11M1]
Type of material: Paper
Scale: 1 : 20 000 000
Dimensions of the sheet (width and height, in millimeters): 1850 x 1050
Author(s): Miljenko Lapaine, Željka Tutek, Martina Triplat Horvat
Published by: Croatian Cartographic Society
Date published: 01/04/2015
Language(s) of the legend: English
Brief abstract or additional comments: Winkel Tripel Projection. Standard Parallel $\phi=50^{\circ}28'$. Data Blue Marble: Land Surface, Shallow Water, and Shaded Topography, Visible Earth - A catalogue of NASA images and animations of our home planet. Software G. Projector NASA Goddard Institute for Space Studies. Map published on behalf of the International Map Year.

Title: OpenStreetMap in Winkel Tripel Projection [11M2]
Type of material: Paper
Scale: 1 : 20 000 000
Dimensions of the sheet (width and height, in millimeters): 1800 x 1050
Author(s): Dražen Tutić, Miljenko Lapaine, Martina Triplat Horvat
Published by: University of Zagreb, Faculty of Geodesy
Date published: 15/03/2015
Language(s) of the legend: English
Brief abstract or additional comments: Wall map of the World created from OpenStreetMap data.

Title: Karlovac – Duga Resa, Tourist and Trekking Map [11M3]
Type of material: Paper
Scale: 1 : 25 000
Dimensions of the sheet (width and height, in millimeters): 1000 x 700

Author(s): Dalibor Bjelić
Published by: Croatian Mountain Rescue Service
Date published: 01/06/2014
Language(s) of the legend: Croatian, English
Brief abstract or additional comments: Walking, trekking and cycling trails, elevations in meters, map projection HTRS96/TM, ISBN 978-953-7527-38-9

Title: Brač Bike, Bike Tourist Map [11M4]
Type of material: Paper
Scale: 1 : 45 000
Dimensions of the sheet (width and height, in millimeters): 1000 x 700
Author(s): Rudolf Schwabe
Published by: Croatian Mountain Rescue Service
Date published: 01/09/2013
Language(s) of the legend: Croatian, English
Brief abstract or additional comments: Recommended bike and recreation routes, UTM projection Zone 33 North, ISBN 978-953-7527-29-7.

ATLASES

Title: Geochemical Atlas of Sisak [11A1]
Number of pages: 200
Dimensions (width and height, in millimeters): 210 x 297
Author(s): Ajka Šorša, Josip Halamić
Published by: Narodna knjižnica i čitaonica Vlado Gotovac & Gradski muzej Sisak & Croatian Geological Survey
Date published: 30/12/2014
Language(s) of the text: Croatian, English
Brief abstract or additional comments: The soils were sampled in the regular square grid following the sampling density of 4 samples per km^2 in the city itself and 1 sample per km^2 in the rural surroundings. The sample was collected as a composite from the depth between 0 and 10 cm. There are a total of 144 samples collected from

65.18 km² of the investigated area. The samples were digested in the aqua regia and analyzed by ICP-MS. After the statistical processing, the geochemical maps of the spatial distribution of 44 elements were generated.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: Web Cartography [11E1]

Type: Lecture Notes in Web Cartography (script)

Author(s): Robert Župan and Stanislav Frangeš

Published by: University of Zagreb, Faculty of Geodesy

Date published: 15/03/2015

Brief abstract or additional comments:

The lecture notes for bachelor students at the Faculty of Geodesy, University of Zagreb, Croatia explains new trends in Web Cartography assuming that the development will include new hardware and that the cartographic science will be connected with other scientific fields, psychology, medicine, and physics, and that the scientists will be dealing with the main question in cartography: How to say, to whom, what and in what way to transfer something, and how to provide the necessary spatial perception for user along with the accompanying information.

OTHER CARTOGRAPHIC PRODUCTS

**Title: Cartography and
Geoinformation, 2013, vol. 12, no. 20**

[1101]

Material: Paper

Author(s): Dražen Tutić, Editor in Chief

Published by: Croatian Cartographic Society

Date published: 30/12/2013

Brief abstract or additional comments:

By publishing papers which contain new

knowledge in cartography and geoinformation, regardless of whether they are about the application of latest discoveries and modern technologies or historical research, the Cartography and Geoinformation journal wishes to contribute to the development of cartography, its promotion and widespread use of geoinformation. In addition to scientific and professional papers, the journal publishes reviews, news and announcements which serve to popularize cartography and geoinformation. All papers are published bilingual, in English and Croatian. More details are available at www.kartografija.hr

**Title: Cartography and
Geoinformation, 2014, vol. 13, no. 21**
[1102]

Material: Paper

Author(s): Dražen Tutić, Editor in Chief

Published by: Croatian Cartographic Society

Date published: 30/06/2014

Brief abstract or additional comments:

The Cartography and Geoinformation journal publishes scientific and professional papers from cartography and other fields (geography, geodesy, geology, forestry, agronomy, history, architecture, pedagogy...) if they are related to cartography and geoinformation. Scientific and professional papers are reviewed by at least two reviewers, at least one of which has to be from abroad. Reviewers are active experts, in principle with a PhD, who work in the research field related to the paper proposed for publishing. The list of reviewers is published in the journal once a year in December issue. The review process is as anonymous as the Editorial Board can ensure. The Editorial Board commits not to reveal the identity of Author(s) to the reviewers, or vice versa.

CZECH REPUBLIC

MAPS

Title: Topographic map M-34-085 [12M1]

Type of material: Paper

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 625 x 450 (folded 160 x 230)

Author(s): Military Geographic and Hydrometeorologic Office in Dobruška

Published by: Ministry of Defence, Geographic Service of the Armed Forces of the Czech Republic

Date published: 01/01/2014

Language(s) of the legend: Czech, English

Brief abstract or additional comments:

In 2014 the Military Geographic and Hydrometeorologic Office in Dobruška finalized a new collection of topographic maps in scale 1 : 100 000. It is a set of new high quality state map product published by Geographic Service of the Armed Forces of the Czech Republic.

Title: Topographic map M-34-085-A [12M2]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 625 x 450 (folded 160 x 230)

Author(s): Military Geographic and Hydrometeorologic Office in Dobruška

Published by: Ministry of Defence, Geographic Service of the Armed Forces of the Czech Republic

Date published: 01/01/2014

Language(s) of the legend: Czech, English

Brief abstract or additional comments:

In 2014 the Military Geographic and Hydrometeorologic Office in Dobruška finalized a new collection of topographic maps in scale 1 : 50 000. It is a set of new high quality state map product published by Geographic Service of the Armed Forces of the Czech Republic.

Title: Base Map of the Czech Republic 02-4 Ústí nad Labem [12M3]

Type of material: Paper

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 620 x 460 (folded 310 x 230)

Author(s): Czech Office for Surveying, Mapping and Cadastre

Published by: Czech Office for Surveying, Mapping and Cadastre

Date published: 01/01/2014

Language(s) of the legend: Czech

Brief abstract or additional comments:

Base Map of the Czech Republic at 1 : 100 000 is the basic state map series of medium scale and is conceived as a general geographical map. It displays the entire territory of the Czech Republic in a continuous map layout. Dimensions and indexing of map sheets of map are derived from the map layout of the Base map of the Czech Republic at 1 : 200 000 divided into four sections. The name of a map sheet is the same as the name of the largest settlement (according to the number of inhabitants) displayed on the respective map sheet.

Title: Base Map of the Czech Republic 02-42 Česká Lípa [12M4]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 620 x 460 (folded 310 x 230)

Author(s): Czech Office for Surveying, Mapping and Cadastre

Published by: Czech Office for Surveying, Mapping and Cadastre

Date published: 01/01/2014

Language(s) of the legend: Czech

Brief abstract or additional comments:

Base Map of the Czech Republic at 1 : 50 000 is the basic state map series of medium scale

and is conceived as a synoptic geographic map. It shows the entire territory of the Czech Republic in a contiguous map layout, the territory of the Czech Republic is shown on 211 map sheets. Dimensions and indexing of map sheets of map are derived from the map layout of the Base map of the Czech Republic at 1 : 100 000 divided into four sections. The name of a map sheet is the same as the name of the largest settlement (according to the number of inhabitants) shown on the respective map sheet.

Title: Cross-country ski plan "Běžkotrasy traste sa!" [12M5]

Type of material: Paper

Scale: 1 : 75 000

Dimensions of the sheet (width and height, in millimeters): 960 x 660 (folded 120 x 230)

Author(s): SHOCart, spol. s. r. o.

Published by: SHOCart, spol. s. r. o.

Date published: 01/01/2014

Language(s) of the legend: Slovak

Brief abstract or additional comments:

Thematic map presenting cross-country trails for skiing. Each cross-country ski trail is described on the back side of the map. There are mentioned attractions, contact information and more interesting information. The map is presented in the colour scheme designed for a winter theme.

Title: Paddler map of Lužnice river [12M6]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 972 x 660 (folded 108 x 165)

Author(s): SHOCart, spol. s. r. o.

Published by: SHOCart, spol. s. r. o.

Date published: 01/01/2014

Language(s) of the legend: Czech, English, German

Brief abstract or additional comments:

Map presents paddler information for the Lužnice river and the lower reaches Nežárka river. There are mileage, drawings and images

of weirs in viewpoints. For each weir there are descriptions of camps and campsites with pubs and restaurants. Individual sections of difficulty flow, detailed legends to diagrams and flow mapping in three languages are included.

Title: Prague heritage site [12M7]

Type of material: Paper

Scale: 1 : 6 500

Dimensions of the sheet (width and height, in millimeters): 844 x 673 (folded 145 x 226)

Author(s): City Development Authority Prague

Published by: Prague Monument Care Department

Date published: 01/01/2013

Language(s) of the legend: Czech, English

Brief abstract or additional comments:

Plan in B1 size is available in information centres of the Prague municipality. Plan in a scale of 1 : 6 500 from one side depicts the city centre with boundaries of the Prague Historical Reserve and on the back side is the same historical centre as it looked 200 years ago on the Jüttner Plan of Prague from 1811-1815.

Title: The 111 Best of... Czech Republic [12M8]

Type of material: Paper

Scale: 1 : 500 000

Dimensions of the sheet (width and height, in millimeters): 980 x 660 (folded 125 x 230)

Author(s): Kartografie PRAHA, a. s.

Published by: Kartografie PRAHA, a. s.

Date published: 01/01/2014

Language(s) of the legend: Czech, English, German

Brief abstract or additional comments:

The map belongs to the popular series of thematic maps. It is a selection of 111 records, with whom you can meet in the Czech Republic. There can be found for example largest rock formations, oldest protected area, the tallest buildings and the longest tunnel. There are all possible (and impossible) areas of natural records, through historic buildings and interesting modern architecture and technical

monuments. All the monuments, in addition to representation on the map, are described briefly on the back side.

Title: On bike and on foot around Prague [12M9]

Type of material: Paper

Scale: 1 : 200 000

Dimensions of the sheet (width and height, in millimeters): 970 x 650 (folded 125 x 230)

Author(s): Kartografie PRAHA, a. s.

Published by: Kartografie PRAHA, a. s.

Date published: 01/01/2014

Language(s) of the legend: Czech

Brief abstract or additional comments:

Tourist guide with a map provides suggestions for 26 trips by bicycle or on foot and around Prague, the Czech capital city. It is a popular thematic map that is suitable for tourists and cyclo-tourism.

Title: Touristic map for everyone – Moravian Karst [12M10]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 990 x 690 (folded 110 x 180)

Author(s): Geodézie On Line, spol. s. r. o.

Published by: Geodézie On Line, spol. s. r. o.

Date published: 01/01/2014

Language(s) of the legend: Czech, English

Brief abstract or additional comments:

Map presents a very attractive area of the Moravian Karst, which is full of caves and is full of much frequented tourist destinations. The map contains information for the general tourist public.

Title: Southbohemian bike lines [12M11]

Type of material: Paper

Scale: 1 : 75 000

Dimensions of the sheet (width and height, in millimeters): 980 x 615 (folded 123 x 205)

Author(s): Kartografie PRAHA, a. s.

Published by: Mapcentrum s. r. o.

Date published: 01/01/2014

Language(s) of the legend: Czech, English, German

Brief abstract or additional comments:

Map presents a very attractive area of the South Bohemia, which is full of frequented tourist destinations. The map contains information about favourite bike lines suitable for biking. On the back side information for the general tourist public are included.

Title: The Elbe Trail [12M12]

Type of material: Paper

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 960 x 400 (folded 120 x 200)

Author(s): SHOCart, spol. s. r. o.

Published by: SHOCart, spol. s. r. o.

Date published: 01/01/2014

Language(s) of the legend: Czech, English

Brief abstract or additional comments:

This is a special map format suitable for cycling. Map allows selection of specific location because of the special packaging. User can display only selected cycling routes and maps. Map includes tips on trips, information about sightseeing attractions and other tourist destinations.

Title: Transit flying chart (low level) [12M13]

Type of material: Paper

Scale: 1 : 250 000

Dimensions of the sheet (width and height, in millimeters): 740 x 560 (folded 190 x 185) + legend on extra paper

Author(s): Military Geographic and Hydrometeorologic Office in Dobruška

Published by: Ministry of Defence of the Czech Republic

Date published: 01/01/2014

Language(s) of the legend: Czech, English, German (legend on extra paper)

Brief abstract or additional comments:

The map is intended for flight planning, air operations control, and crew pre-flight preparation. It allows radio and comparative navigation during the flight. It is a production of Geographic Service of the Czech Army.

Title: Hand-painted map of region**Žďársko** [12M14]**Type of material:** Paper**Scale:** without scale**Dimensions of the sheet (width and height, in millimeters):** 960 x 645 (folded 120 x 215)**Author(s):** Malované mapy, s. r. o.**Published by:** Malované mapy, s. r. o.**Date published:** 01/01/2014**Language(s) of the legend:** Czech**Brief abstract or additional comments:**

Hand-painted map are thanks to modern technique as accurate as possible. As a background painter uses a three-dimensional landscape model. Further, the painter uses classic maps and aerial images from a small height, which are photographed and specially generated for each map. The original image is scanned at high resolution and then cartographer adjusts hundreds of names, pictograms and marking hiking trails to the final version.

Title: Fairy-tale Kingdom tastes great

[12M15]

Type of material: Paper**Scale:** without scale**Dimensions of the sheet (width and height, in millimeters):** 450 x 625 (folded 90 x 210)**Author(s):** Marcel Goetz, Jaroslav Kerles**Published by:** Mapcentrum, s. r. o.**Date published:** 01/01/2014**Language(s) of the legend:** Czech**Brief abstract or additional comments:**

Hand-painted map is full of fairy tale characters that are typical for the South Bohemia region. In the map are presented the seats of food production. Each symbol shows a typical regional product that is produced in the region.

Number of pages: 560**Dimensions (width and height, in millimeters):** 310 x 430**Author(s):** Eva Semotanová, Jiří Cajthaml et al.**Published by:** Academia**Date published:** 31/12/2014**Language(s) of the text:** Czech**Brief abstract or additional comments:**

The Academic Atlas of the Czech History represents a comprehensive cartographic–encyclopaedic work that summarizes the current knowledge of historical research in the Czech lands. The atlas work is primarily dedicated to the history related to the Czech lands (the area of the present Czech Republic) and time wise covers the whole history from prehistoric times to the beginning of the XXI century. The content of the atlas is divided into five main sections: prehistory, medieval age, early modern, top modern times and modern history. The texts of individual sections of chapters are supplemented with maps, illustrations and other elements.

Title: Atlas of Special Education Centres in the Czech Republic [12A2]**Number of pages:** 144**Dimensions (width and height, in millimeters):** 423 x 300**Author(s):** Vít Voženílek, Jak Michalík, et al.**Published by:** Palacký University Olomouc**Date published:** 31/12/2013**Language(s) of the text:** Czech**Brief abstract or additional comments:**

Atlas of Special Education Centre in the Czech Republic presents thematic maps that give an overview concerning the distribution of special needs centres in the Czech Republic. Some regions have no centre that specialise in all disabilities, the ratio of specialists in centres differ in the region of the Czech Republic and all these knowledge, that comes from the research, are presented in analytic and complex maps.

Title: Archaeological atlas of Czechia

[12A3]

Number of pages: 520**Dimensions (width and height, in millimeters):** 215 x 215

ATLASES

Title: Academic Atlas of Czech History

[12A1]

Author(s): Martin Kuna et al.
Published by: Institute of Archaeology, Czech Academy of Sciences

Date published: 01/01/2014

Language(s) of the text: Czech

Brief abstract or additional comments:

Roughly in half of the 105 cases the atlas represents archaeological sites since the late Stone Age to the Middle Ages, such as settlement and central fortified places and grave-mounds. Many sites also show medieval settlements in various forms, whether it is a village, fortresses, castles and extinct cities. The publication also includes the Modern Age, like the battlefield of the Thirty Years War or Modern period defunct settlement, modernity and 19th-20th century.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: Practical atlas of the world [12E1]

Type: Atlas

Author(s): Kartografie PRAHA, a. s.

Published by: Kartografie PRAHA, a. s.

Date published: 01/01/2014

Brief abstract or additional comments:

The popular Practical Atlas of the World is based on the second, updated edition. Rich map portion has been carefully updated and reflects the latest political and geographic organization on earth, including recent changes in Ukraine and Russia. All dependent countries and independent territories are also presented, including national flags and symbols, as part of the lexicon countries. Geographic Maps complements the section devoted to the universe and our planet's position in it, the table of records and extensive geographic index.

Title: Pocket atlas of the world [12E2]

Type: Atlas

Author(s): Kartografie PRAHA, a. s.

Published by: Kartografie PRAHA, a. s.

Date published: 01/01/2014

Brief abstract or additional comments:

Pocket Atlas of the World is one of the most popular titles in the Czech Republic, its translations have been published in many languages. The current political and administrative division of the world headquarters divided into categories according to population or actual current road and railway network is presented.

Title: Asia [12E3]

Type: Atlas

Author(s): Kartografie PRAHA, a. s.

Published by: Kartografie PRAHA, a. s.

Date published: 01/01/2014

Brief abstract or additional comments:

This is a traditional school atlas, which is aimed at presenting one world continent (Asia). Atlas includes general geographic and thematic maps. Atlas has a clause of the Ministry of Education, Youth and Sports of the Czech Republic that it is suitable for education.

Title: Enjoy the map – Krkonoše Mountains [12E4]

Type: Lenticular set

Author(s): Kartografie HP s. r. o.

Published by: Kartografie HP s. r. o.

Date published: 01/01/2014

Brief abstract or additional comments:

This is a special teaching aid, which is intended to teach geography and topography. The map is focused on understanding contour-lines. In conventional paper map there are marked areas that are visualised on the enclosed cards, which are processed by modern lenticular technology and allow reading 3D terrain.

FINLAND

MAPS

Title: Project Supra - Popularity of walking, running and cycling in Helsinki Metropolitan Area [13M1]

Type of material: Paper

Scale: 1 : 12 500

Dimensions of the sheet (width and height, in millimeters): 1950 x 1000

Author(s): Juha Oksanen

Published by: Finnish Geospatial Research Institute

Date published: 27/10/2014

Language(s) of the legend: English

Brief abstract or additional comments:

The map makes movement patterns of walking, running and cycling visible in Helsinki Metropolitan Area. The map is based on public workout data recorded with world-famous mobile sports application Sports Tracker. Simultaneous visualization of three sports is one deliverable of the research project Supra (<http://supra.fgi.fi/>) funded by the Finnish Funding Agency for Innovation Tekes.

Title: Guide map of Espoonlahti, City of Espoo [13M2]

Type of material: Paper

Scale: 1 : 6 000

Dimensions of the sheet (width and height, in millimeters): 1175 x 1740

Author(s): City Survey Department, City of Espoo

Published by: City Survey Department, City of Espoo

Date published: 09/09/2014

Language(s) of the legend: Finnish, Swedish

Brief abstract or additional comments:

The original version of the Guide map of Espoonlahti is - as the name reveals - for the public guiding purpose. The maps are printed by JCDecaux Finland Ltd, and placed in several information points in the district of Espoonlahti.

Title: Karjala Sotahistorian tiekartta (Military history road map of Karelia)

[13M3]

Type of material: Paper

Scale: 1 : 800 000, 1 : 400 000

Dimensions of the sheet (width and height, in millimeters): 600 x 800

Author(s): Karttakeskus Oy

Published by: Karttakeskus Oy

Date published: 18/10/2013

Language(s) of the legend: Finnish (partially also Swedish, English, German, Russian)

Brief abstract or additional comments:

Modern road map of Karelia with events and sites of Finnish fronts during Second World War 1939–1945. Marked on the map are battlefields, fortified lines, Finnish Air Force bases, coastal fortifications, war memorials and museums of military history. Colours are used to separate battlefields and lines of different stages of war. The map is targeted to Finnish audience and events and sites are chosen from Finnish point of view.

Title: Autoilijan tiekartta Suomi 2015 (Road Map Finland 2015) [13M4]

Type of material: Paper

Scale: 1 : 800 000

Dimensions of the sheet (width and height, in millimeters): 1000 x 700

Author(s): Karttakeskus Oy

Published by: Karttakeskus Oy

Date published: 23/01/2015

Language(s) of the legend: Finnish, Swedish, English, German, Russian

Brief abstract or additional comments:

Autoilijan tiekartta Suomi 2015 is the most up-to-date road map of whole Finland on one sheet. The map is published annually. First edition was published in year 1927.

Title: Porkkala–Helsinki–Pellinki water touring map [13M5]

Type of material: Plastic

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 1000 x 700

Author(s): Karttakeskus Oy

Published by: Karttakeskus Oy

Date published: 23/06/2014

Language(s) of the legend: Finnish, Swedish, English, German

Brief abstract or additional comments:

Porkkala–Helsinki–Pellinki water touring map presents coastal areas around Helsinki on waterproof double sided map sheet. The map is created for paddling and other waterborne excursions. Map is based on terrain information by National Land Survey of Finland, enriched with navigational data by Traffic Administration of Finland. There is also plenty of information on recreational areas and their services.

Title: Where would we go? (Minimentäis?) [13M6]

Type of material:

Scale:

Dimensions of the sheet (width and height, in millimeters):

Author(s): Risako / Heidi Keskitalo

Published by: Risako

Date published: 01/05/2014

Language(s) of the legend:

Brief abstract or additional comments:

The products of Risako's Where would we go? collection are designed and produced in Risako's own premises in Ostrobothnia, Finland. They are made out of re-cycled decommissioned nautical charts and terrain maps, which means that they are not to be used for navigational purposes. The outer and inner surfaces of the products have been laminated, so they are very durable. The surfaces can be wiped with a damp cloth but may not be washed under running water. Paper is, after all, paper and will wear with use. The product has been made as durable as possible. You can find the Where would we go? collection on the Risako website www.risako.fi and www.karttakauppa.fi.

Title: Q5244 HIISIJÄRVI, Basic map [13M7]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 999 x 692

Author(s): National Land Survey of Finland

Published by: National Land Survey of Finland

Date published: 14/10/2014

Language(s) of the legend: Finnish, Swedish, English

Brief abstract or additional comments:

The basic map is an appropriate guide for everyone on the road or in the wild. It also provides a basis for other maps, for instance, specific outdoor maps that allow the users to go hiking or orienting in the terrain. For those skilled in the art the basic map is a suitable aid for making plans.

Title: Q524 KONTIOMÄKI, Topographic map [13M8]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 999 x 692

Author(s): National Land Survey of Finland

Published by: National Land Survey of Finland

Date published: 14/10/2014

Language(s) of the legend:

Finnish, Swedish, English

Brief abstract or additional comments:

The topographic map 1 : 50 000 gives a more general picture of the ground features than the basic map. The topographic map is an ideal complement to nautical charts as it provides detailed information about the terrain, since all Finnish sea areas are covered by 1 : 50 000 topographic map sheets.

Title: 950 Gulf of Finland - Archipelago Sea [13M9]

Type of material: Plastic

Scale: 1 : 250 000

Dimensions of the sheet (width and height, in millimeters): 2710 x 1000

Author(s): Hydrographic Office / Finnish Transport Agency

Published by: Finnish Transport Agency

Date published: 01/02/2015

Language(s) of the legend: Finnish, Swedish, English

Brief abstract or additional comments:

Chart 950 Gulf of Finland - Archipelago Sea has been published to meet the demand, mainly from different maritime authorities, for a wall map covering the whole sea area between the Stockholm Archipelago in the west and St. Petersburg in the east - one of the busiest sea areas globally. The chart is based on three Finnish navigational charts from the area (951, 952 and 953) as well as on data compiled specifically for it. The chart is also available on paper, printed on four A0 size sheets.

ATLASES

Title: Helsinki Region by maps in 1930's and 2010's [13A1]

Number of pages: 184

Dimensions (width and height, in millimeters): 235 x 292

Author(s): Mika Mäkelä

Published by: AtlasArt Ltd

Date published: 01/10/2014

Language(s) of the text: Finnish

Brief abstract or additional comments:

Helsinki Region by Maps covers the strongly developed Metropolitan Helsinki spreading out from the city along the main railroad to the municipal Järvenpää. The old topographic maps of the National Board of Survey date back mainly to the 1930's and 1940's. The new maps are based on the Topographic Database of the National Board of Survey. Lay-out of the maps allows the reader to easily compare them and observe the changes that have taken place in the particular area. Maps inform about the development of the settlement as well as past objects like factories and golf courses. Geographer and historian Mika Mäkelä, MSc, writes about the changes that have taken place in the area of each individual map sheet. Furthermore the Atlas includes old images of the 1930's as well as very accurate aerial photographs of Helsinki in 1943.

Title: Lapsiperheen retkeilyopas (Hiking guide of Finland for families)

[13A2]

Number of pages: 208

Dimensions (width and height, in millimeters): 170 x 170

Author(s): Jouni Laaksonen

Published by: Karttakeskus Oy

Date published: 22/04/2014

Language(s) of the text: Finnish

Brief abstract or additional comments:

Hiking guide of Finland for families presents 80 best single day excursions suitable even for small children. The carefully chosen sites usually have easy, about 5 kilometres long nature trail with possibility for campfire. Book starts with general information about hiking with children, followed by 80 spreads with one excursion site each. On the left page there's topographic map with trails and services marked. The described route is red dashed line. On the right page there is route description, coordinates of starting point and information on approach, difficulty and hints of other interesting sites nearby. The book has wire-o binding, which enables the user to fold the book over so it can be put into transparent map case with map visible on one side and text on other side.

Title: Saariston kätköissä (Treasures of the Finnish archipelago) [13A3]

Number of pages: 224

Dimensions (width and height, in millimeters): 170 x 245

Author(s): Kaj-Erik Löfgren and Pauli Saloranta

Published by: Karttakeskus Oy

Date published: 26/05/2014

Language(s) of the text: Finnish

Brief abstract or additional comments:

The book is a marine travel guide about historical and present day sight in Finnish archipelago of Baltic Sea. 501 sights between Åland Islands and Eastern Gulf of Finland were chosen for the book which is targeted for yachting, paddling and tourists travelling with ferries. Road map based index pages refer to terrain maps in the book (red numbers) and official leisure yachting chart

series (blue numbers) available separately. Sights are divided into four chapters (A-D) and marked on the 1 : 100 000 topographic maps. Latitude, longitude, marine chart number and information on connections to mainland are also given.

is presented in its original accuracy, the accuracy the data is produced for. Four updates / year.

DIGITAL PRODUCTS

Title: Mapitare Sea + Terrain application [13D1]

Type: Safety vector offline map, critical uses

Format: Mapitare map has an internal vector data format that enables fast drawing, dynamic styles and efficient storage

Software platform in which it is managed: Android and iOS; it, can also be used with Microsoft Windows, Mac OS X and Linux

Author(s): Mapitare Ltd

Published by: Mapitare Ltd

Date published or most recently updated: 01/01/2015

Nominal scale: Presented without scale limits, limited only by the level of data production accuracy

Language of the alphanumeric elements: Finnish, Swedish, North Saami, Inari Saami, Skolt Saami

Brief abstract or additional comments:

Mapitare is a young start-up, but our deliveries are based on experience on GIS and CAD application development starting last century. We specialize on dataset aggregation and reforming with modern techniques. Mapitare offers map service, communication and position service, map technology and interface service and co-operational systems. Mapitare, powered with the new generation offline vector map engine, guarantees top performance, trustworthiness, easy usability and map data updates. App is suited for critical use and high accuracy tasks. Mapping source data used in Mapitare are only the high accuracy official material provided by Finnish authorities. The dataset consists of over 90 million details which you can download into your device for offline use. When using the map wherever you move, you are not dependent on Internet connection. In Mapitare, the source data

Title: Project Supra - Real-time heat-maps from sports workouts [13D2]

Type: Website

Format:

Software platform in which it is managed: web browser (OS independent)

Author(s): Jani Sainio (Åbo Akademi) & Juha Oksanen (Finnish Geospatial Research Institute)

Published by:

Date published or most recently updated: 01/12/2014

Nominal scale:

Language of the alphanumeric elements: English

Brief abstract or additional comments:

The service demonstrates how heat-maps can be created and visualized on-the-fly based on public big data from Sports Tracker mobile application. The demonstration service processes ca. 1 million workout trajectories. Novelty of the service is in the possibility to filter the contents of the heat-map in real-time. For example, heat-maps can be derived based on cyclists having average speed of >20 km/h and length of the workout >30 km opening new possibilities for creating context-sensitive location-based services. The demo service is one deliverable of the research project Supra (<http://supra.fgi.fi/>) funded by the Finnish Funding Agency for Innovation Tekes.

FRANCE

MAPS

Title: From Saint-Jean-de-Monts to Sables-d'Olonne [14M1]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 1097 x 747

Author(s): SHOM (French hydrographic office)

Published by: SHOM (French hydrographic office)

Date published: 01/11/2014

Language(s) of the legend: French

Brief abstract or additional comments:

Nautical chart with nature of the seabed (mud, clay, sand, rock...) from Saint-Jean-de-Monts to Sables-d'Olonne on the west coast of France. This chart is drawn from a synthesis of all data to characterize the nature of the seabed. The more data are visual descriptions of the sediment stuck to lead used in the nineteenth century for bathymetric surveys. This specific chart is published to meet a growing demand for fishermen and provide a better knowledge of the environment to different users of the sea.

Title: West coast of Morocco - Approaches of Mohammadia [14M2]

Type of material: Paper

Scale: 1 : 10 000

Dimensions of the sheet (width and height, in millimeters): 749 x 1099

Author(s): SHOM (French hydrographic office)

Published by: SHOM (French hydrographic office)

Date published: 01/01/2015

Language(s) of the legend: French, English

Brief abstract or additional comments:

Nautical chart of the approaches of Mohammadia harbour on the west coast of Morocco. This chart is published by the French hydrographic office (SHOM) with the cooperation of the hydrographic service of the royal Moroccan navy (DHOC). The

cooperation is implemented as part of the administrative arrangement signed between Morocco and France in 2008. This arrangement provides for a gradual transfer of hydrographic services provided by France, within the meaning of Convention on the Safety of Life at Sea (SOLAS).

Title: From Touho to Ponérihouen [14M3]

Type of material: Paper

Scale: 1 : 60 000

Dimensions of the sheet (width and height, in millimeters): 1097 x 748

Author(s): SHOM (French hydrographic office)

Published by: SHOM (French hydrographic office)

Date published: 01/02/2014

Language(s) of the legend: French, English

Brief abstract or additional comments:

Nautical chart from Touho to Ponérihouen on the eastern coast of Nouvelle-Calédonie (New-Caledonia) in the Pacific Ocean. This chart is published by the French hydrographic office (SHOM) to upgrade the coverage of nautical charts on New-Caledonia coasts and take into account the new usages of navigation. This chart replaces a chart published in 1982.

Title: From Mont Dore to Ports Boisé - Passages of Mato and Uatio [14M4]

Type of material: Paper

Scale: 1 : 60 000

Dimensions of the sheet (width and height, in millimeters): 748 x 1097

Author(s): SHOM (French hydrographic office)

Published by: SHOM (French hydrographic office)

Date published:

Language(s) of the legend: French, English

Brief abstract or additional comments:

This new edition of the nautical chart from Mont Dore to Port Boisé includes new hydrographic surveys done as a response to

the economic evolution of New Caledonia. But, due to the absence of classical hydrographic survey data in some areas, satellite derived bathymetry (SDB) from SPOT images interpreted by SHOM is shown on this chart.

Title: La chaussée de Sein par levé au laser bathymétrique aéroporté [14M5]

Type of material: Paper

Scale: 1 : 30 000

Dimensions of the sheet (width and height, in millimeters): 1100 x 226

Author(s): SHOM (French hydrographic office)

Published by: SHOM (French hydrographic office)

Date published: 01/11/2013

Language(s) of the legend: French

Brief abstract or additional comments:

Poster focused on Chaussée de Sein (Finistère, west of Brittany, France). This poster promotes a survey lead by airborne bathymetric laser on an extremely challenging area: strong tidal currents between the continent and the island of Sein, white waters (due to swell and waves), kelps were issues to overcome to produce this bathymetry, down to 40 meters.

Title: Usages et Activités en Manche - Mer du Nord [14M6]

Type of material: Paper

Scale: 1 : 444 998

Dimensions of the sheet (width and height, in millimeters): 1100 x 771

Author(s): SHOM (French hydrographic office)

Published by: SHOM (French hydrographic office)

Date published: 01/02/2015

Language(s) of the legend: French

Brief abstract or additional comments:

Chart along the coasts of the Channel. This chart illustrates the activities and usages at sea. It is about planning where human activities take place at sea. It is part of European maritime spatial planning.

Title: Les aires marines protégées de la Pointe de Barfleur à l'île de Noirmoutier [14M7]

Type of material: Paper

Scale: 1 : 686 000

Dimensions of the sheet (width and height, in millimeters): 608 x 534

Author(s): SHOM (French hydrographic office)

Published by: SHOM (French hydrographic office)

Date published: 01/10/2014

Language(s) of the legend: French

Brief abstract or additional comments:

This chart represents marine protected areas from "Pointe de Barfleur" to "Île de Noirmoutier".

AAMP has partnered with SHOM to realize 5 charts along the French coast. AAMP sets up regulations and tools for the management and protection of the marine environment.

Title: Clermont-Ferrand [14M8]

Type of material: Paper

Scale: 1 : 12 000

Dimensions of the sheet (width and height, in millimeters): 1540 x 680

Author(s): Michelin

Published by: Michelin

Date published: 01/01/2014

Language(s) of the legend: French, English, German

Brief abstract or additional comments:

City Map of Clermont-Ferrand, generated from OpenStreetMap data.

Title: Coalitions de pays intervenant lors des négociations climatiques

[14M9]

Type of material: Paper

Scale:

Dimensions of the sheet (width and height, in millimeters): 210 x 297

Author(s): Pôle géographique du MAEDI

Published by: Ministère des Affaires étrangères, direction des Archives (pôle géographique)

Date published: 01/03/2015

Language(s) of the legend: French

Brief abstract or additional comments:

Carte thématique

Title: Risques naturels aux Philippines [14M10]

Type of material: Paper
Scale:
Dimensions of the sheet (width and height, in millimeters): 210 x 297
Author(s): Pôle géographique du MAEDI
Published by: Ministère des Affaires étrangères, direction des Archives (pôle géographique)
Date published: 01/12/2014
Language(s) of the legend: French
Brief abstract or additional comments:
Carte thématique

Title: Présence économique française dans les Amériques [14M11]
Type of material: Paper
Scale:
Dimensions of the sheet (width and height, in millimeters): 210 x 297
Author(s): Pôle géographique du MAEDI
Published by: Ministère des Affaires étrangères, direction des Archives (pôle géographique)
Date published: 01/10/2014
Language(s) of the legend: French
Brief abstract or additional comments:
Carte thématique

Title: Donbass-Situation au 10 fév, 2015 [14M12]
Type of material: Paper
Scale:
Dimensions of the sheet (width and height, in millimeters): 210 x 297
Author(s): Pôle géographique du MAEDI
Published by: Ministère des Affaires étrangères, direction des Archives (pôle géographique)
Date published: 01/02/2015
Language(s) of the legend: French
Brief abstract or additional comments:
Carte thématique

Title: Les systèmes stratégiques européens en 1914 [14M13]
Type of material: Paper
Scale:
Dimensions of the sheet (width and height, in millimeters): 210 x 297
Author(s): Pôle géographique du MAEDI
Published by: Ministère des Affaires étrangères,

direction des Archives (pôle géographique)
Date published: 01/01/2014
Language(s) of the legend: French
Brief abstract or additional comments:
Carte thématique

Title: Brésil-Dispositif consulaire-Coupe du monde 2014 [14M14]
Type of material: Paper
Scale:
Dimensions of the sheet (width and height, in millimeters): 210 x 297
Author(s): Pôle géographique du MAEDI
Published by: Ministère des Affaires étrangères, direction des Archives (pôle géographique)
Date published: 01/11/2013
Language(s) of the legend: French
Brief abstract or additional comments:
Carte thématique

Title: OUGANDA [14M15]
Type of material: Paper
Scale:
Dimensions of the sheet (width and height, in millimeters): 210 x 297
Author(s): Pôle géographique du MAEDI
Published by: Ministère des Affaires étrangères, direction des Archives (pôle géographique)
Date published: 01/11/2014
Language(s) of the legend: French
Brief abstract or additional comments:
Carte thématique

Title: Boko Haram-Situation sécuritaire et humanitaire au 26 janv, 2015 [14M16]
Type of material: Paper
Scale:
Dimensions of the sheet (width and height, in millimeters): 210 x 297
Author(s): Pôle géographique du MAEDI
Published by: Ministère des Affaires étrangères, direction des Archives (pôle géographique)
Date published: 01/01/2015
Language(s) of the legend: French
Brief abstract or additional comments:
Carte thématique

ATLASES

Title: Atlas routier et touristique France 2014/2015 spirale [14A1]

Number of pages: 288

Dimensions (width and height, in millimeters): 233 x 163

Author(s): IGN France

Published by: IGN France

Date published: 01/11/2013

Language(s) of the text: French, English, German, Italian, Spanish

Brief abstract or additional comments:

Cet atlas d'un format compact est le seul du marché français intégrant une cartographie régionale. Il contient une carte nationale au 1 : 1 250 000, une carte régionale au 1 : 350 000, un index des communes et les zooms sur 14 agglomérations.

Title: Atlas routier et touristique France 2014/2015 [14A2]

Number of pages: 256

Dimensions (width and height, in millimeters): 233 x 163

Author(s): IGN France

Published by: IGN France

Date published: 01/11/2013

Language(s) of the text: French, English, German, Italian, Spanish

Brief abstract or additional comments:

Cet atlas d'un format compact est le seul du marché français intégrant une cartographie régionale. Il contient une carte nationale au 1 : 1 250 000, une carte régionale au 1 : 350 000, un index des communes.

DIGITAL SERVICES

Title of the Spatial Data Infrastructure (SDI): French maritime and coastal geographic information of reference

Portal address: data.shom.fr

Information contents summary: bathymetry, vertical datums, maritime and coastal database, nautical charts, tidal currents, sedimentology,

coastal altimetry, tide, maritime boundaries, oceanographic forecast, tide gauge data

Services provided: WMS, WMTS, WFS

Provided by: SHOM (French hydrographic office)

Start date on the Internet: 14/01/2014

Language of the alphanumeric elements:

French, English

Brief abstract or additional comments:

The portal "data.shom.fr" allows a large community of users (government services, public services, enterprises...) to access SHOM reference data, describing the physical maritime, coastal and oceanic environment. This portal also allows them to search, view and access geotagged data.

To date, the portal covers the following topics:

bathymetry, cartography, tide, tidal currents and general hydrography. WMS: <http://services.data.shom.fr/INSPIRE/wms/fr>; WMTS: <http://services.data.shom.fr/INSPIRE/wmts>; WFS: <http://services.data.shom.fr/INSPIRE/wfs>. Some other services are linked: infonaut.data.shom.fr to transmit nautical information to update charts and documentation; discuss.data.shom.fr to produce charts within a chat mode; and cartodyn.data.shom.fr to allow producing charts.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: Atlas of natural risks and territorial vulnerabilities of Mayotte Island (France) [14E1]

Type: Atlas

Author(s): Pr. Frédéric Leone (dir.)

Published by: Presses Universitaires de la Méditerranée

Date published: 01/12/2014

Brief abstract or additional comments:

This atlas presents the risks perceived and experienced, their consequences and physical, socio-cultural, historical or geographical determinants. Several levels of knowledge are available to a wide audience. This collective work

sheds light on the components of risk and its management through an integrated approach taking into account both natural hazards that the issues exposed, their specific vulnerabilities but also local capacity to cope with it. It promotes multiple sources of geographic information, geomorphological, climatic and historical collected in the field. It is a first synthetic knowledge base to risk prevention service in Mayotte. <http://www.pulm.fr/index.php/catalog/product/view/id/605/s/atlas-des-risques-naturels-et-des-vulnabilites-territoriales-de-mayotte/>

Title: Demographic trends, 1990-2010 [14E2]

Type: Map

Author(s): Nicolas Lambert, Ronan Ysebaert, Claude Grasland, Marianne Guérois

Published by: CGET (Commissariat général à l'égalité des territoires)

Date published: 01/08/2015

Brief abstract or additional comments:

This first map reveals the intensity of demographic variation in Europe and its neighborhood in terms of gains (in red) or loss (in green) of inhabitants (as variations are smoothed in a neighbourhood of 160 km). On this map, the geographical pattern is characterised by important peaks of population growth, following the classical axis of the "Blue Banana". On the other side, the most severe population loss is observed in Eastern Europe and Russia. The second map uses the same methodology at a different scale. It focuses on the French border.

Title: 'Europe kills' [14E3]

Type: Map

Author(s): Nicolas Lambert

Published by: étrange miroirs / migreurop

Date published: 12/06/2015

Brief abstract or additional comments:

'Europe kills' was the title of an article published in the newspaper Libération on October 4, 2013 written by the heads of different organizations that care for migrants and seek the defense of human rights, after more drownings off the coast of Lampedusa that caused the deaths

of nearly 300 people. This tragedy could have been avoided, but Europe is in a war against migrants. Actually, the setting up of a plethora of military measures (planes, helicopter, speedboats, infrared detectors, etc.) to fight « illegal » immigration has a tragic consequence: the death of 30,000 migrants in 20 years.

Title: Mobile and Fatal: The EU Borders [14E4]

Type: Map

Author(s): Nicolas Lambert

Published by: étrange miroirs / migreurop

Date published: 12/06/2015

Brief abstract or additional comments:

Broken sea (Edgar Morin, 1992)... In 20 years (1993-2014), migration flows have moved from West to East, every time a checkpoint was closed (Gibraltar, the Canary Islands, Lampedusa), the trip to Europe has become more expensive and more dangerous for migrants. During this period, the phenomenon is growing: 1,600 deaths between 1993 and 1998, 3,700 deaths from 1999 to 2002, 7,200 deaths from 2003 to 2006, more than 8,000 deaths from 2007 to 2010 and nearly 10,000 deaths from 2011 to 2015. Today, the Mediterranean Sea has become the most dangerous migratory route in the world.

Title: Occupation de la France par les armées alliées (1815) [14E5]

Type: Map

Author(s): Pôle géographique du MAEDI

Published by: Ministère des Affaires étrangères, direction des Archives (pôle géographique)

Date published: 01/01/2015

Brief abstract or additional comments:

Carte thématique

FRANCE

INSTITUT GÉOGRAPHIQUE NATIONAL (IGN)

MAPS

Title: 1920SB: Vendôme, Montoire-sur-le-Loir [15M1]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 1320 x 960

Author(s): IGN France

Published by: IGN France

Date published: 01/09/2014

Language(s) of the legend: French, English, German

Brief abstract or additional comments:

Title: TOP25: 4606GT Île St-Martin. Île St-Barthélemy [15M2]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 1210 x 960

Author(s): IGN France

Published by: IGN France

Date published: 01/09/2014

Language(s) of the legend: French, English, German

Brief abstract or additional comments:

entre 2014 et 2018, l'IGN renouvelle l'intégralité de sa collection au 1 : 25 000 dont la série TOP25. Les améliorations portent sur la lisibilité grâce à une nouvelle légende, une meilleure précision géométrique ainsi que des informations touristiques enrichies. Cette carte est l'un des titres de la série TOP25.

Title: Guadeloupe Saint-Martin Saint-Barthélemy [15M3]

Type of material: Paper

Scale: 1 : 80 000

Dimensions of the sheet (width and height, in millimeters): 1320 x 1000

Author(s): IGN France

Published by: IGN France

Date published: 01/12/2014

Language(s) of the legend: French, English

Brief abstract or additional comments:

Cette carte qui couvre l'ensemble des îles du département de Guadeloupe et des territoires de Saint Martin et Saint Barthélemy est la 1ère édition à cette échelle. Elle informe sur le patrimoine historique et naturel, sur les entiers touristiques et propose un index des pages.

Title: GUYANE 400000 [15M4]

Type of material: Paper

Scale: 1 : 400 000

Dimensions of the sheet (width and height, in millimeters): 1320 x 1000

Author(s): IGN France

Published by: IGN France

Date published: 01/02/2014

Language(s) of the legend: French, English

Brief abstract or additional comments:

Les cartes routières et touristiques de l'Outre-mer vous permettent de découvrir ces destinations exotiques. Une gamme riche de renseignements touristiques (marchés locaux, artisanat, sites intéressants) et d'informations sur les activités de plein-air (surf, plongée sous-marine, vol libre, équitation) sont à votre disposition pour vous faire connaître et apprécier ces destinations lointaines.

Title: Normandie Jour J [15M5]

Type of material: Paper

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 1210 x 1000

Author(s): IGN France

Published by: IGN France

Date published: 01/01/2014

Language(s) of the legend: French, English, German

Brief abstract or additional comments:

Carte événement du 70ème anniversaire du débarquement de Normandie 1944-2014, réalisée en partenariat avec la mission 70e anniversaire du Débarquement. Elle contient des informations historiques (pages du débarquement, position des différents corps d'armée, évolution du front) et des informations touristiques (sites du conservatoire du littoral, vestiges et cimetières militaires, musées)

Title: Découverte de la France: GRANDE GUERRE 1914-1918 [15M6]

Type of material: Paper

Scale: 1 : 410 000

Dimensions of the sheet (width and height, in millimeters): 1320 x 1000

Author(s): IGN France

Published by: IGN France

Date published:

Language(s) of the legend: French, English, German

Brief abstract or additional comments:

Carte événement pour le centenaire de la 1ère guerre mondiale 1914 - 1918 établie en partenariat avec la mission du centenaire 14 - 18. Elle contient des informations historiques (vestiges militaires, lignes de front, batailles) et touristiques (lieux de mémoire, musées, itinéraires).

DIGITAL SERVICES

Title of the Spatial Data Infrastructure (SDI): Carte à la carte (Map on demand)

Portal address: <http://loisirs.ign.fr/carte-a-la-carte-randonnee-decouverte.html>

Information contents summary: Topographic maps with add of information by the client

Services provided: WFS

Provided by: IGN France

Start date on the Internet: 01/01/2014

Language of the alphanumeric elements: French

Brief abstract or additional comments:

Création et impression d'une carte après choix

personnalisé en ligne pour l'emprise, l'échelle, la couverture et possibilité d'ajouts sur le fonds cartographique.

OTHER CARTOGRAPHIC PRODUCTS

Title: Belle-Ile: Relief map on demand [15O1]

Material: Inks in 3D

Author(s): IGN France

Published by: Océ

Date published: 01/06/2015

Brief abstract or additional comments:

This new solution of relief printing proposed by Océ offers 5 specificities very important for cartography: • It uses only liquid inks • Full colour - the colour gamut is comparable to the range of four-colour CMYK printers • High Resolution - 450 dpi in x/y direction and 1800 dpi in z-axis • Large prints - prints sizes are up to 122 x 244 cm • Indoor / outdoor: prints are waterproof and have an excellent light fastness. This solution allows IGN to produce relief map on demand, with relief on DTM and cartographic objects selected by client. The print is based on the Belle-Ile Island.

GERMANY

MAPS

Title: Kailash / Gurla Mandhata
Trekking Map 11 (Tibet / Nepal) [16M1]

Type of material: Paper

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 840 x 1240

Author(s): Buchroithner, M.F., Kropacek, J., Trültzsch, J., Himpel, T., Hovden, A., Holzer, N., Pieczonka, T., Rosenau, R., Schöley, S. & Schröter, B.

Published by: Arbeitsgemeinschaft für vergleichende Hochgebirgsforschung, Munich, with Institute for Cartography, Technische Universität Dresden

Date published: 15/10/2014

Language(s) of the legend: German, English

Brief abstract or additional comments:

Within the last decade the Institute for Cartography (IfK) of the TU Dresden, in cooperation with Deutscher Alpenverein and the Arbeitsgemeinschaft für vergleichende Hochgebirgsforschung, has published several trekking maps of alpine regions in the Andes, Tien Shan and Himalaya. The challenge in creating the first high quality map of Kailash – Gurla Mandhata including current information without specific mapping expeditions required not only remote sensing and open source data, but also social mapping and data collection using the information from Tibetan and Nepal tour guides, tibetologists and guide books. Also a new type of hill-shading was applied.

Title: Antarctica and the Southern
**Ocean Seafloor with Ice and Bedrock
Topography** [16M2]

Type of material: Lenticular foil map (Synoptic double true-3D visualization of the Antarctic rock and ice topography)

Scale: 1 : 11 000 000

Dimensions of the sheet (width and height, in millimeters): 670 x 900

Author(s): Buchroithner, M.F., Radig, L.

Published by: Alfred Wegener Institute, Bremerhaven, with Institute for Cartography, Technische Universität Dresden

Date published: 15/06/2015

Language(s) of the legend: English

Brief abstract or additional comments:

The objective of the map was to create an autostereoscopic and synoptical hardcopy visualization of the Antarctic topography using the lenticular foil method. The map user is able to obtain a stereoscopic ("true-3D") impression of both the landscape and the seafloor without any viewing means. The map shows the rock-basement cartography and the surface of the covering ice shield simultaneously. It shows the basement topography and the covering ice surface in a simultaneous manner. A turquoise coloured wireframe grid representing the ice surface allows looking through it onto the basement rocks. This reveals the highly fractured and, overlarge areas archipelago-type, nature of Antarctica. The bathymetric model of the entire Southern Ocean is also depicted. Thus, the map viewer is also able to obtain a three-dimensional impression of the continental shelves and the deep seafloor features over a vertical distance of close to 12 000 m in total. The map represents the first one of its kind at a global scale.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: Volunteered Geographic
Information textbook (VGI textbook)
[16E1]

Type: Book

Author(s): Burghardt, D., Jübermann, M., Hermann, J.

Published by: Institute for Cartography,

Technische Universität Dresden

Date published: 15/03/2015

Brief abstract or additional comments:

The book was developed to extend current teaching material with focus on the new topic of user-generated spatial content and volunteered geographic information (VGI). It should promote both working with traditional media and new media. In parallel emphasis was placed to show and explain a large variety of cartographic presentations methods and (geo-)visualisation metaphors.

Title: The Kakamega-Nandi Forests Puzzle – A Natural Forest Cover Change Jigsaw Puzzle [16E2]

Type: A game consisting of a game board (80 cm by 72 cm) depicting a 1 : 75 000 scale base map, 91 jigsaw puzzle pieces from fibreboard, a game manual with instructions, and a matrix legend on the colours used

Author(s): Paul, L., Schaab, G. in cooperation with many local stakeholders

Published by: Faculty of Information Management and Media, Karlsruhe University of Applied Sciences together with five Kenyan institutions

Date published: 15/08/2015

Brief abstract or additional comments:

By means of a participatory approach iterating through three steps (consultation workshop, evaluation workshop, end-user testing) and involving more than 30 representatives of local stakeholder institutions as well as 60 potential end-users, a final prototype for a jigsaw puzzle was developed in western Kenya. The education material covers the Kakamega-Nandi forests area which has experienced a loss of 60% in natural forest cover over the last 100 years due to human interferences. The environmental education tool aims at engaging local people as well as decision makers for playfully increasing their knowledge as a prerequisite for informed decisions in nature conservation.

OTHER CARTOGRAPHIC PRODUCTS

Title: Embroid styled map [1601]

Material: Paper with simulated embroidery as texture

Author(s): Burghardt, D., Dong, L.

Published by: Institute for Cartography, Technische Universität Dresden

Date published: 15/03/2015

Brief abstract or additional comments:

The digital embroid styled map provides an example of simulating artistic handmade maps. Therefore geodata from OpenStreetMap were pre-processed in an automated way followed by a number of image processing steps. The line objects were stroked with a special designed brush. Variations had to be carried out through adaptation of brush parameters, colour variations and selection of "Dynamic Effects" and "Jitter" to achieve the random effect which simulates handmade work. For the background area we used an appropriate seamless texture image, which were derived from a picture of a real fabric. The derivation of the tileable texture image was achieved by applying the clone tool to the boarder of the texture. As software we used ArcGIS for the data processing, TileMill for initial rendering and GIMP for the image processing. For setting up a WMS with embroid styled map tiles the image processing workflow will be implemented in a fully automated way by using the GIMP library.

GREECE

MAPS

Title: Geological Map "LIVADERO" [17M1]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 1100 x 755

Author(s): A. Zervakou (Editor)

Published by: National Centre for Sustainable Development (NCSD)

Date published: 17/01/2015

Language(s) of the legend: Greek, English

Brief abstract or additional comments:

The National Centre for Sustainable Development – NCSD (former IGME) is the state's advisory body on geoscientific issues. One of its main activities is the geological mapping of Greece at various scales. The geological mapping was carried out successively by the IGME geologists, Dr. A. Photiades during 1991-93, 1995, 2006-08, Dr D. Galanakis during 1995, 2006-07, Dr A. Mavrides and Dr A. Kelepertzis during 1977. Micropaleontology: Dr N. Carras. Programme for compiling the Geological Maps of Greece at scale 1:50.000. Digitizing and map compilation funded by the EU community Support Framework 2000-2006 (3rd CSF).

Title: Geological map "SERIFOS ISLAND" [17M2]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 1170 x 740

Author(s): A. Zervakou (Editor)

Published by: National Centre for Sustainable Development (NCSD)

Date published: 03/02/2015

Language(s) of the legend: Greek, English

Brief abstract or additional comments:

The National Centre for Sustainable Development – NCSD (former IGME) is the state's advisory body on geoscientific issues. One of its main activities is the geological mapping of Greece

at various scales. The geological mapping was carried out by Petrakakis K., Zámolyi A., Iglseeder C., Rambousek C., Grasemann B., Draganits E., Kurka A. (University of Vienna, Austria) and Photiades A. (IGME) during 2001-2007. The work was funded by the FWF Austrian Science Fund project ACCEL grant number P 18823_N19 and by IGME. Programme for compiling the Geological Maps of Greece at scale 1: 50 000. Digitizing and map compilation funded by the EU community Support Framework 2000-2006 (3rd CSF).

Title: Map of Prefecture of Kastoria [17M3]

Type of material: Paper

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 700 x 700

Author(s): Chrysoula Boutoura, Eleni Ranti, Ioannis Krinidis, Angeliki Tzorlini

Published by: Aristotle University of Thessaloniki

Date published: 16/01/2015

Language(s) of the legend: Greek

Brief abstract or additional comments:

A general use map of the prefecture of Kastoria, Greece.

Title: Map of Prefecture of Kastoria - Thematic map [17M4]

Type of material: Paper

Scale: 1 : 250 000

Dimensions of the sheet (width and height, in millimeters): 700 x 700

Author(s): Chrysoula Boutoura, Eleni Ranti, Ioannis Krinidis, Angeliki Tzorlini

Published by:

Date published:

Language(s) of the legend: Greek

Brief abstract or additional comments:

Two thematic maps focusing on the touristic, environmental and ecological characteristics of the area portrayed.

Title: A City with a View: Thessaloniki on Curving Terrain (1st sheet) [17M5]

Type of material: Paper

Scale: Varying

Dimensions of the sheet (width and height, in millimeters): 500 x 700

Author(s): Maria Aza, Alexandra Koussoulakou, Yiannis Mitzias

Published by: Aristotle University of Thessaloniki

Date published: 15/03/2015

Language(s) of the legend: English

Brief abstract or additional comments:

An unusual projection is created for this map of the city of Thessaloniki, Greece, in order to allow for the sense of immersing in the 3-D urban environment around the viewpoint, while at the same time giving an overview of the city in an almost planar sense. This is done by curving the terrain and placing the viewer inside the concave surface that is generated.

Title: A City with a View: Thessaloniki on Curving Terrain (2nd sheet) [17M6]

Type of material: Paper

Scale: Varying

Dimensions of the sheet (width and height, in millimeters): 500 x 700

Author(s): Maria Aza, Alexandra Koussoulakou, Yiannis Mitzias

Published by: Aristotle University of Thessaloniki

Date published: 24/03/2015

Language(s) of the legend: English

Brief abstract or additional comments:

An unusual projection is created for this map of the city of Thessaloniki, Greece, in order to allow for the sense of immersing in the 3-D urban environment around the viewpoint, while at the same time giving an overview of the city in an almost planar sense. This is done by curving the terrain and placing the viewer inside the concave surface that is generated.

Title: Volos [17M7]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 570 x 750

Author(s): Department of Cartography

Published by: Hellenic Military Geographical Service

Date published:

Language(s) of the legend: Greek, English

Brief abstract or additional comments:

Title: Sámos Strait – Bays and Harbours of Sámos Island [17M8]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 1189 x 841

Author(s): Department of Cartography

Published by: Hellenic Navy Hydrographic Service

Date published: 10/12/2013

Language(s) of the legend: Greek, English

Brief abstract or additional comments:

Nautical Chart with insets.

Title: Lakkí Bay [17M9]

Type of material: Paper

Scale: 1 : 7 500

Dimensions of the sheet (width and height, in millimeters): 841 x 1189

Author(s): Department of Cartography

Published by: Hellenic Navy Hydrographic Service

Date published: 10/09/2013

Language(s) of the legend: Greek, English

Brief abstract or additional comments:

Nautical Chart with insets.

HUNGARY

MAPS

Title: Pilgrimage Map of the Carpathian Basin [18M1]

Type of material: Paper

Scale: 1 : 1 500 000

Dimensions of the sheet (width and height, in millimeters): 680 x 480

Author(s): Bence Szabó, Imre Faragó

Published by: Stiefel Eurocart Kft.

Date published: 02/01/2014

Language(s) of the legend: Hungarian, English

Brief abstract or additional comments:

In the last times, the pilgrimage routes get more popular again. The most famous of it is the El Camino but this is not the only one. In the Carpathian Basin area, there are so long-distance pilgrimage routes. The most important way is the Via Mariae Main Route M01 (West-East) and Via Mariae Main Route M02 (North-South). Also presented here the most eastern part of the Way of St. James and more regional routes. The Pilgrimage Map of the Carpathian Basin presents a great overview of these and shows the significant pilgrimage destination with small pictures too.

Title: Wine regions of Hungary [18M2]

Type of material: Paper

Scale: 1 : 550 000

Dimensions of the sheet (width and height, in millimeters): 980 x 680

Author(s): Bence Szabó

Published by: Stiefel Eurocart Kft.

Date published: 01/02/2014

Language(s) of the legend: Hungarian, German, English

Brief abstract or additional comments:

Hungary has a long tradition of wine production and in a significant area of the country is going viticulture. The Wine regions of Hungary map contains many interesting and valued information for everyone. On the map, wine regions of

Hungary can be found with distinct, harmonious coloring. In addition, more professional features can also be learned from the map: the proportion of white and red grapes, the most specific grapes and wine types, size of the wine regions and the wine brotherhoods of the specified region.

Title: Map of the Moon [18M3]

Type of material: Paper

Scale: 1 : 10 800 000

Dimensions of the sheet (width and height, in millimeters): 700 x 1000

Author(s): Henrik Hargitai, László Herbszt,

Melinda Vajda, Balázs Farkas, Melinda Rézműves

Published by: Eötvös Loránd University, Budapest, Hungary

Date published: 03/01/2014

Language(s) of the legend: Romani

Brief abstract or additional comments:

In the framework of the program Europlanet 2012, maps of six Solar System bodies were published. The maps were designed for children of the age of 6-12, and illustrated by graphic artists. Each map has a different visual approach. The map sheets are accompanied by a website, where background information is published in a form understandable for children. The series are published in 11 languages, including Romani (Gypsy), which is selected for this exhibition. This is the map of our Moon from the series. Supporters: Europlanet 2012 Outreach Funding Scheme, International Cartographic Association Commission on Planetary Cartography. Website: <https://childrensmaps.wordpress.com/>

Title: VFR chart of Hungary [18M4]

Type of material: Paper

Scale: 1 : 500 000

Dimensions of the sheet (width and height, in millimeters): 1180 x 734

Author(s): MoD. Zrínyi Non-profit Company

Published by: MoD. Zrínyi Non-profit Company

Date published: 04/01/2014

Language(s) of the legend: Hungarian,

English

Brief abstract or additional comments:

This map contains the whole area of Hungary on one sheet. It has been made for pilots, who fly with small attitude air vehicles. It contains elevation data, that relevant for the Baltic base level by meter unit. WGS-84 datum, Lambert Conformal Conic Projection, Standard Parallels 46° and 48°.

Title: Helikopteres repülési térkép (Navigational Chart for Helicopters)

[18M5]

Type of material: Paper

Scale: 1 : 200 000

Dimensions of the sheet (width and height, in millimeters): 500 x 700

Author(s): Mod. Zrínyi Non-profit Company

Published by: Mod. Zrínyi Non-profit Company

Date published: 03/02/2014

Language(s) of the legend: Hungarian

Brief abstract or additional comments:

This map contains the whole area of Hungary on 20 sheets. It has been made for pilots, who fly with small attitude air vehicles, in the first place for helicopter pilots. It has a unique sheet system. It contains elevation data, that relevant for the Baltic base level by meter unit. WGS-84 datum, UTM projection.

Title: Sopron/Ödenburg – Fertőrákos/Kroisbach [18M6]

Type of material: Paper

Scale: 1 : 12 500 / 1 : 20 000

Dimensions of the sheet (width and height, in millimeters): 990 x 690 (folded 130 x 235)

Author(s): András Szarvas, Zoltán Katona

Published by: András SZARVAS

Date published: 01/03/2014

Language(s) of the legend: Hungarian, English, German

Brief abstract or additional comments:

Not only the traditional elements of a city map are included, but the map covers also some part of the Sopron Park Forest with the most dense system of marked tourist paths in Hungary.

Title: Vatican City [18M7]

Type of material: Paper

Scale: 1 : 2 250

Dimensions of the sheet (width and height, in millimeters): 980 x 680

Author(s): Gizella Bassa

Published by: GiziMap

Date published: 05/01/2013

Language(s) of the legend: English, Italian, German, French, Spanish, Polish, Hungarian

Brief abstract or additional comments:

This map is not just for visitors to Rome but also anyone who is interested in art and history. Names of buildings, churches, etc. are given in both Italian and English. ISBN978 615 5010 09 5

Title: Kyrgyzstan Geographical Map

[18M8]

Type of material: Paper

Scale: 1 : 750 000

Dimensions of the sheet (width and height, in millimeters): 1250 x 680

Author(s): Gizella Bassa

Published by: GiziMap

Date published: 10/02/2015

Language(s) of the legend: English, German, French, Italian, Russian, Kyrgyz

Brief abstract or additional comments:

All places names are in Latin alphabet. On the reverse side of the map, there are two separate cross-referenced indexes, in Latin and in Cyrillic scripts. Road network includes selected local tracks and highlights routes which used to be the part of the Silk Road. ISBN 978 615 5010 12 5

Title: Vietnam-Laos-Cambodia Geographical Map [18M9]

Type of material: Paper

Scale: 1 : 1 400 000

Dimensions of the sheet (width and height, in millimeters): 870 x 1240

Author(s): Gizella Bassa

Published by: GiziMap

Date published: 10/03/2015

Language(s) of the legend: English, German, French, Italian, Chinese Vietnamese

Brief abstract or additional comments:

Various places of interest are marked, including

the route of the Ho Chi Minh Trail, diving sites, etc. All place names are in Latin alphabet. The index, separately for each country covered by the map, is on the reverse. ISBN 978 963 87465 3 5

Title: Székelyföld / Eastern Transylvania Road map [18M10]

Type of material: Paper

Scale: 1 : 200 000

Dimensions of the sheet (width and height, in millimeters): 820 x 1180

Author(s): Gizella Bassa

Published by: GiziMap

Date published: 10/03/2015

Language(s) of the legend: Hungarian, Romanian, German, English, French

Brief abstract or additional comments:

Symbols denote places of interest, museums, natural curiosities and landmarks, churches of various denominations, antiquities, campsites, spas, etc. Place names are shown with their historical Hungarian equivalents. ISBN 978 963 86808 9 1

Title: Landscape Map of the Carpathian Region [18M11]

Type of material: Paper

Scale: 1 : 850 000

Dimensions of the sheet (width and height, in millimeters): 1200 x 840

Author(s): Imre Faragó

Published by: Imre Faragó, Department of Cartography and Geoinformatics, Eötvös Loránd University, Budapest, Hungary

Date published: 10/03/2015

Language(s) of the legend: Hungarian

Brief abstract or additional comments:

The map uses general geographical legend to show the complete system of landscape regions of the Carpathian area (Carpathian Mountains, Carpathian Basin and Carpathian Forelands). The purpose of this product is to represent the traditional ethnological and historical-geographical as well as the scientifically identified physical-geographical regions on a single map. For the latter regions, the borders of macro, middle and micro regions are also shown. The map content is based on hypsometric

relief representation and detailed hydrography, and it includes the major transportation lines and settlements according to the limitations of the scale. This publication was prepared in UTM projection by using general graphic software.

ISRAEL

MAPS

Title: Mapping of Social-Economic Statistics - Tel Aviv-Yafo as a Case Study [19M1]

Type of material: Paper

Scale: 1 : 20 000

Dimensions of the sheet (width and height, in millimeters): 700 x 1000

Author(s): Oren Raz

Published by: Israeli Central Bureau of Statistics

Date published: 19/10/2014

Language(s) of the legend: English

Brief abstract or additional comments:

This poster shows maps of statistical data on the city of Tel Aviv-Yafo, Israel. The maps are based on the Map Compendium, prepared for the "Society in Israel Report - The Large Cities at a Glance". This social and economic report covers in detail the 14 large cities in Israel. The main map shows apartment value by statistical areas (census tracts) and another 6 smaller maps showing other topics such as education, welfare and poverty levels.

Title: State of Israel - Apartment Value in Localities with 2,000 Residents and More [19M2]

Type of material: Paper

Scale: 1 : 1 100 000

Dimensions of the sheet (width and height, in millimeters): 700 x 1000

Author(s): Oren Raz

Published by: Israeli Central Bureau of Statistics

Date published: 19/10/2014

Language(s) of the legend: English

Brief abstract or additional comments: This

poster shows a map comparing apartment value levels between cities in the State of Israel. The map is based on the Map Compendium, prepared for the "Society in Israel Report - The Large Cities at a Glance". This social and economic report covers

in detail the 14 large cities in Israel, with the national maps expanding the view to many other cities as well. The map presents the average value per sq. meter (NIS) and uses a national scale so the data can be compared between the cities. The background shows the Peripheral Level of the area (peripheral, middle zone or central), thus enabling to compare apartment values to the distance of a given city from Israel's central locations.

ATLASES

Title: Society in Israel Report - The Large Cities at a Glance - Compendium of Maps [19A1]

Number of pages: 116

Dimensions (width and height, in millimeters): 210 x 300

Author(s): Oren Raz

Published by: Israeli Central Bureau of Statistics

Date published: 19/10/2014

Language(s) of the text: Hebrew

Brief abstract or additional comments:

The Map Compendium was prepared for the "Society in Israel Report - The Large Cities at a Glance", published by the Israeli Central Bureau of Statistics. This social and economic report covers in detail the 14 large cities in Israel, and the map atlas enables to receive a wider angle, by providing almost 200 maps of different types - national maps comparing all of the cities in Israel and specific city map, in a resolution of statistical areas (census tracts), that enable an inner view of a phenomena within a city.

DIGITAL SERVICES

Title of the Spatial Data Infrastructure (SDI): ArcGIS Online

Portal address: <http://icbs-gis.maps.arcgis.com/home/index.html>

Information contents summary: Census data, social-economic data, metropolitan area and commuting maps, traffic counts, maps of administrative divisions, demographic data and more

Services provided: WFS

Provided by: Israeli Central Bureau of Statistics

Start date on the Internet: 01/01/2014

Language of the alphanumeric elements:
Hebrew

Brief abstract or additional comments:

This Esri based portal enables free access to geo-statistical data on Israel. Features include web services, web maps and custom made applications for public use. The target audience is the Israeli public, so the portal is in Hebrew.

JAPAN

MAPS

Title: Panorama Map of Kanto Mountains & Mt. Fuji [20M1]

Type of material: Paper

Scale: none

Dimensions of the sheet (width and height, in millimeters): 2404 x 600

Author(s): Masaki Oda

Published by: Masaki Oda

Date published: 01/03/2015

Language(s) of the legend: Japanese

Brief abstract or additional comments:

This map is focused on Mt. Fuji including long range of Kanto-mountains and the mountain range called “the Japan Alps”. I set view to 10 000 meters over Tokyo Sky Tree. The originality of the long sideways map is the combination of directory-opposed ideas. 1: cope with both macroscopic scenery in perspective and microscopic geographical data in one map. 2: cope with both the exactness of contemporary topographical terrain map and the free-hand warmth of old fashioned bird’s eye landscape painting.

Title: Japanese Geoparks by geological map [20M2]

Type of material: Paper

Scale: 1 : 2 200 000

Dimensions of the sheet (width and height, in millimeters): 1189 x 841

Author(s): Hokkaido-Chizu Co., Ltd

Published by: Hokkaido-Chizu Co., Ltd

Date published: 26/12/2014

Language(s) of the legend: Japanese

Brief abstract or additional comments:

Geoparks are designated to protect, provide education on and leverage geological or geomorphological features, related natural surroundings and local history and culture. We tried to express Japan in a geological map. The terrain of Japan has been expressed in an easy-to-understand method by using the shading

diagram of the seabed and land. You can check the correlation between topography and geology.

Title: Growing of Volcanic Island Nishinoshima Red Relief Image Map [20M3]

Type of material: Paper

Scale: none

Dimensions of the sheet (width and height, in millimeters): 841 x 297

Author(s): Asia Air Survey Co., Ltd

Published by: Asia Air Survey Co., Ltd

Date published: 20/03/2015

Language(s) of the legend: Japanese, English

Brief abstract or additional comments:

The Island re-erupted from Nov. 2013. After that, the Geospatial Information Authority of Japan has conducted seven times aerial photogrammetry for the island and already released the data to public. The Asia Air Survey has created Red Relief Image Map of the island of each period of aerial survey and beautifully expressed the process of lava flow on the island.

Title: The Transformation of Nishinoshima Island in Ogasawara Islands [20M4]

Type of material: Paper

Scale: 1 : 6 000

Dimensions of the sheet (width and height, in millimeters): 420 x 594

Author(s): Geospatial Information Authority of Japan

Published by: Geospatial Information Authority of Japan

Date published: 17/03/2015

Language(s) of the legend: English

Brief abstract or additional comments:

This map expresses the new island extension of Nishinoshima Island in Ogasawara Islands located in the northwest Pacific Ocean. We have observed this island continuously by our airplane or UAV (Unmanned Aerial Vehicle). We analyzed this island by photogrammetry

at each observation. This time we show the change of coastline and the DSM difference between 03/01/2015 and 12/04/2014. It shows this island becoming larger and larger by lava streaming from the volcanic cone obviously.

Title: Sanriku GeoPark GeoArt [20M5]

Type of material: Paper

Scale: none

Dimensions of the sheet (width and height, in millimeters): 1030 x 728

Author(s): Hokkaido-Chizu Co., Ltd.

Published by: Hokkaido-Chizu Co., Ltd.

Date published: 31/10/2014

Language(s) of the legend: Japanese

Brief abstract or additional comments:

Geoparks are designated to protect, provide education on and leverage geological or geomorphological features, related natural surroundings and local history and culture. We have created a bird's-eye view of the Sanriku Geopark which was affected by the earthquake. Drawn Sanriku Railway in the main is a symbol of our reconstruction. And it gives us courage. This poster is both side printing. Sanriku Railway has been posted on the back side.

Title: AR Geoppe Target Map [20M6]

Type of material: Paper

Scale: none

Dimensions of the sheet (width and height, in millimeters): 841 x 594

Author(s): Hokkaido-Chizu Co., Ltd.

Published by: Hokkaido-Chizu Co., Ltd.

Date published: 31/03/2015

Language(s) of the legend: Japanese

Brief abstract or additional comments:

AR Geoppe is an iOS and Android terminal application by using augmented reality feature. When you take a picture with a camera on a target map, a three-dimensional map or map information is indicated on the screen of the smartphone. This application can be displayed switching a plurality of map information for educational use. It is an application that allows you to learn the map while having fun. Please try to use!

<https://itunes.apple.com/jp/app/arjioppe/>

id968982136?mt=8 <https://play.google.com/store/apps/details?id=com.hcc.geoparks>.

Title: The World Map 2014 Calendar "The Earth seen from Space" [20M7]

Type of material: Paper

Scale: 1 : 46 000 000

Dimensions of the sheet (width and height, in millimeters): 841 x 594

Author(s): Tokyo Cartographic Co., Ltd

Published by: Tokyo Cartographic Co., Ltd.

Date published: 01/12/2013

Language(s) of the legend: Japanese

Brief abstract or additional comments:

A map with the visualized data from an optical sensor MODIS of NASA's satellites. There are fewer notes such as the names of cities on the map in order to depict the realistic appearance of the Earth (transformed Winkel tripel projection).

Title: The World Map 2015 Calendar "Let's play with a Map" [20M8]

Type of material: Paper

Scale: 1 : 50 000 000

Dimensions of the sheet (width and height, in millimeters): 841 x 594

Author(s): Tokyo Cartographic Co., Ltd.

Published by: Tokyo Cartographic Co., Ltd.

Date published: 01/12/2014

Language(s) of the legend: Japanese

Brief abstract or additional comments:

The map for diverse age groups to enjoy the world map together through playing with various illustrations on it. The digital version for PCs, tablets and smartphones is available online. <http://www.tcg.co.jp/cal2015/index.html>

Title: 1 : 25 000 Land Condition Map of Volcano Niigata Yakeyama [20M9]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 841 x 1189

Author(s): Geospatial Information Authority of Japan

Published by: Geospatial Information Authority of Japan

Date published: 10/12/2014

Language(s) of the legend: Japanese, English
Brief abstract or additional comments:
Geospatial Information Authority of Japan conducts land condition research in active volcanos as part of disaster prevention. This map is a land condition survey result of Niigata Yakeyama in 2014.

Title: Global Map Version 2 [20M10]
Type of material: Paper, Icosahedral Paper Crafts
Scale: none
Dimensions of the sheet (width and height, in millimeters): 841 x 1189 (Crafts: 13 cm across)
Author(s): ISCGM/Geospatial Information Authority of Japan
Published by: ISCGM/Geospatial Information Authority of Japan
Date published: 19/07/2013, 05/08/2014
Language(s) of the legend: English
Brief abstract or additional comments:
Geospatial Information Authority of Japan conducts the Global Mapping Project as the secretariat of the International Steering Committee for Global Mapping (ISCGM). Global Map version 2 (Land cover, vegetation and elevation) was released in 2013 and 2014.

Title: The earth surface topographic map (IN-YOU-ZU) ~ Seamless map of land and sea bottom ~ [20M11]
Type of material: Paper
Scale: 1 : 5 000 000
Dimensions of the sheet (width and height, in millimeters): 841 x 1189
Author(s): Sakai Takuya, Akiyama Yukihide
Published by: Aero Asahi Corporation
Date published: 18/03/2015
Language(s) of the legend: English
Brief abstract or additional comments:
The earth surface topographic map (IN-YOU-ZU) is a map that represents the relief of the terrain by using a proprietary waveform analysis method. In 2013, it has created the Seamless IN-YOU-ZU of land and sea bottom around Japan. It was confirmed that the Seamless IN-YOU-ZU clearly represented the terrain, such

as the plate boundaries and the tectonic line. In 2013, submarine volcano around Nishinoshima Island erupted. In the Seamless IN-YOU-ZU, Nishinoshima to grow as a stratovolcano in activity by the lava flow can be clearly confirmed on guyot. The Seamless IN-YOU-ZU was awarded the Excellence Award of Japan Cartographers Association.

ATLASES

Title: Journey of terrain The terrain of Japan by "GISMAP Terrain" [20A1]
Number of pages: 36
Dimensions (width and height, in millimeters): 210 x 297
Author(s): Hokkaido-Chizu Co., Ltd.
Published by: Hokkaido-Chizu Co., Ltd.
Date published: 31/01/2014
Language(s) of the text: Japanese
Brief abstract or additional comments:
Japan is a treasure house of the world's leading terrain. To express Japan by a beautiful map, we have created the map book that utilizes the terrain analysis. Various methods are being combined and created to express this: topographical analysis, bird's-eye view, and visualization, etc. We were able to do a lot of new correct discoveries by layered bird's-eye view of terrain analysis. Please know more about Japan from journey of terrain.

DIGITAL PRODUCTS

Title: The Fossa Magna of Japan [20D1]
Type: Computer graphics
Software platform in which it is managed:
Author(s): Itoigawa City / Nitten Co.,Ltd.
Published by: Itoigawa City / Nitten Co.,Ltd.
Date published or most recently updated: 30/03/2015
Nominal scale: none
Language of the alphanumeric elements: Japanese, English

Brief abstract or additional comments:

The Fossa Magna is the huge fault line at Japan. This fault is very important to know the origins of Japan's terrain. We have created a bird's-eye view along the huge fault line. And it was animated. In the video, you can head from the Pacific Ocean side (near Shizuoka) to the Sea of Japan side (near Itoigawa) It has become a computer graphics that shows the characteristics of the Rift Valley. Please enjoy the powerful bird's-eye video image!

Material: ABS resins (Acrylonitrile Butadiene Styrene)

Author(s): Geospatial Information Authority of Japan

Published by: Geospatial Information Authority of Japan

Date published: 16/10/2014

Brief abstract or additional comments:

Geospatial Information Authority of Japan (GSI) pushes forward the development of tactile maps with the 3D printer to help visually impaired.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: AR Geoppe [20E1]

Type: Digital product

Author(s): Hokkaido-Chizu Co., Ltd.

Published by: Hokkaido-Chizu Co., Ltd.

Date published: 31/03/2015

Brief abstract or additional comments:

AR Geoppe is an iOS and Android terminal application by using augmented reality feature. When you take a picture with a camera on a target map, a three-dimensional map or map information is indicated on the screen of the smartphone. This application can be displayed switching a plurality of map information for educational use. It is an application that allows you to learn the map while having fun. Please try to use!

<https://itunes.apple.com/jp/app/arjioppe/id968982136?mt=8> <https://play.google.com/store/apps/details?id=com.hcc.geoparks>

Title: 3-pockets file folders "Hasandebouer! Map of Japan" [2002]

Material: Plastic

Author(s): Tokyo Cartographic Co., Ltd.

Published by: Tokyo Cartographic Co., Ltd.

Date published: 01/07/2013

Brief abstract or additional comments:

Multi-pocket file folders with the map of Japan and illustrations of local specialties, festivals, sights and historical figures with which people can not only organize their documents but also learn Japanese history and geography. The map is divided into four pieces (four different file folders), and you can see the whole picture if you put them together in the right order.

Title: Product brand "Geological Textile" [2003]

Material: Cloth

Author(s): Tokyo Cartographic Co., Ltd.

Published by: Tokyo Cartographic Co., Ltd.

Date published: 30/08/2013

Brief abstract or additional comments:

A textile series featuring geological maps of Japan. This series aims to create textile products with originally colored patterns from the unconscious beauty made by nature.

Title: HCC Craft [2004]

Material: Paper

Author(s): Hokkaido-Chizu Co., Ltd.

Published by: Hokkaido-Chizu Co., Ltd.

Date published: 27/12/2013

Brief abstract or additional comments:

"HCC Craft" is a paper craft map series. This product is a sample. Creating a simplified local

OTHER CARTOGRAPHIC PRODUCTS

Title: Tactile map (trial manufacture with 3-D printers) [2001]

shape of the terrain using the elevation data. Introducing the characteristics of the region along with the shape it holds. Rebuilding the shape from the idea of the region's name with a certain humor. The product was released as a map content of free thinking. Children can learn the terrain and enjoy.

Title: Stationery brand "Architectural Typography" [2005]

Material: Paper/plastic

Author(s): Tokyo Cartographic Co., Ltd.

Published by: Tokyo Cartographic Co., Ltd.

Date published: 02/02/2015

Brief abstract or additional comments:

A stationery series with unique typography made of aerial views of the different buildings such as sights, public facilities and residential buildings in three cities: Tokyo, London and New York. Three letters on each product indicate the city code of each city.

NETHERLANDS

MAPS

Title: **Wayfinding on Sloterdijk** [21M1]

Type of material: Plot on Backlitfilm

Scale: 1 : 2 000

Dimensions of the sheet (width and height, in millimeters): 570 x 710

Author(s): GVB (Public Transport Amsterdam) and Carto Studio

Published by: GVB

Date published: 01/12/2014

Language(s) of the legend: Dutch, English

Brief abstract or additional comments:

Wayfinding at the Amsterdam Sloterdijk trainstation to show passengers where the next mode of transport is situated.

Title: **Railway map of Europe** [21M2]

Type of material: Paper

Scale: 1 : 4 000 000

Dimensions of the sheet (width and height, in millimeters): 876 x 673 (unsure)

Author(s): RailEurope & Cartostudio

Published by: RailEurope

Date published: 01/01/2015

Language(s) of the legend: English

Brief abstract or additional comments:

Railway map of Europe combined with relief and colouring of the individual states.

Title: **Rhine Cycle Route, EuroVelo 15** [21M3]

Type of material: Paper

Scale: 1 : 2 000 000

Dimensions of the sheet (width and height, in millimeters): 297 x 420

Author(s): BosmaGrafiek.nl

Published by: EuroVelo 15 c/o Romanischer Rhein Tourismus GmbH

Date published: 31/01/2015

Language(s) of the legend: German, English, French, Dutch

Brief abstract or additional comments:

Overview of the Rhine Cycle Route, which

is a combination of long distance cycle routes in Switzerland, Germany, France and the Netherlands. A genuine European project! The many geographical names on this thematical map are placed in a non-horizontal way. Now they follow the generalized curves of the river Rhine. The map background is made with an edited selection of Open Data from NaturalEarthData.com

Title: **Rhine Cycle Route, LF**

Themaroute [21M4]

Type of material: Paper

Scale: 1 : 600 000

Dimensions of the sheet (width and height, in millimeters): 440 x 210

Author(s): BosmaGrafiek.nl

Published by: Landelijk Fietsplatform

Date published: 31/01/2015

Language(s) of the legend: Dutch

Brief abstract or additional comments:

Overview of a combination of long distance cycle routes in the Netherlands that together form the Dutch segment of the European Rhine Cycle Route. The map background is made with an edited selection of Open Data; Top250vector, cc-by basisregistratie Topografie Kadaster.

Title: **Baku 2015 Spectator Map** [21M5]

Type of material: Paper

Scale:

Dimensions of the sheet (width and height, in millimeters): 594 x 420

Author(s): Eddie Poppe (CartoMagie) for the Operation Committee of the First European Games (BEGOC)

Published by: Operation Committee of the First European Games (BEGOC)

Date published: 01/04/2015

Language(s) of the legend: English

Brief abstract or additional comments:

The Spectator Maps gives an overview of all Competition Venues and landmarks in and around Baku, where the First European Games

are held in June 2015. The topographical data is prepared by Octopus, and the representation perfectly follows the overall design guidelines developed for the event.

Title: Amsterdam in-depth [21M6]

Type of material: High resolution full colour 3D print (ink on aluminum board)

Scale: 1 : 27 500

Dimensions of the sheet (width and height, in millimeters): 900 x 900

Author(s): Daan de Haan & Erik Meerburg

Published by: Elevatedmaps.com

Date published: 21/03/2015

Language(s) of the legend:

Brief abstract or additional comments:

Amsterdam is known around the world as the main city in the Netherlands. Amsterdam has always been the heart and soul of the Dutch trading empire. Today Amsterdam is at the heart of the open, tech-based and culturally diverse Dutch society. With a government propagating and distributing open data, tech companies like Océ inventing new 3D printing technology, and the traditionally creative way the Dutch think, it is not surprising to see a designer joining forces with a geospatial engineer to create new elevated maps based on open data. ElevatedMaps.com opened for business early 2015.

Title: Utrecht Science Park

Orienteering Map [21M7]

Type of material: Paper

Scale: 1 : 5 000

Dimensions of the sheet (width and height, in millimeters): 353 x 250

Author(s): Werner Halter

Published by: Argus Orienteering Club

Date published: 07/06/2015

Language(s) of the legend: no language - standard legend according to International Orienteering Federation regulations

Brief abstract or additional comments:

This map is used for the Dutch University Orienteering Championships on June 7th 2015. The Utrecht Science Park is the home base of the Utrecht University with more than 50 000 students. The environment reflects

the development of building styles over the last 50 years, from huge concrete buildings to modern architectural striking buildings.

Title: IABR-2014-URBAN-BY-NATURE. Experiencing the flow of the City

[21M8]

Type of material: Paper

Scale: 1 : 18 000

Dimensions of the sheet (width and height, in millimeters): 480 x 597

Author(s): Design and Cartography:

Landkaartje, Winifred Broeder Topographic data:

Kadaster Top10NL 2014 (CC-BY-3.0) Text: City of

Rotterdam Photography cover: Rens Wijnacker

Photography: City of Rotterdam, Jan van der

Ploeg, Paul van der Blom Print: Veenman+

Published by: City of Rotterdam together with

Rotterdam.Info and IABR-2014

Date published: 01/05/2014

Language(s) of the legend: Dutch, English

Brief abstract or additional comments:

During the 6th International Architecture Biennale Rotterdam (IABR) entitled Urban by Nature, Rotterdam presented itself at the exhibition of Rotterdam's IABR Project Atelier through Urban Metabolism. Urban Metabolism examines how several of the city's material flows, e.g. food, water and waste products, find their way through the city and puts them in the spotlight. Knowledge about these flows is translated into new strategies for a sustainable and healthy Rotterdam. The map guided visitors to familiar and less familiar locations in the city. From cultivating mushrooms to water collection in a car park!

Title: Sailing Map de Vecht [21M9]

Type of material: Paper

Scale: 1 : 56 000

Dimensions of the sheet (width and height, in millimeters): 300 x 450

Author(s): Cartography: Landkaartje – Winifred

Broeder Design and Lay-out: DIMAR DESIGN bno

– Dimitri Mau Asam

Published by: Regionaal Bureau voor Toerisme

Gooi & Vecht in opdracht van de gemeente

Naarden

Date published: 01/05/2015

Language(s) of the legend: Dutch

Brief abstract or additional comments:

Map showing both practical information and points of interest when traveling by boat along the river De Vecht.

Title: North Sea wrecks [21M10]

Type of material: Paper

Scale: 1 : 330 000

Dimensions of the sheet (width and height, in millimeters): 841 x 1189

Author(s): Coordination and maritime archaeology information: Thijs Coenen, Andrea Otte, Martijn Manders, Johan Opdebeeck (RCE/ Maritime Programme) and Remy Luttk (Zeester diving team) Project manager: Xander Keijser (RWS/Water, Traffic & Environment) Illustrations: Pauline van den Broeke

Published by: Cultural Heritage Agency of the Netherlands and Rijkswaterstaat

Date published: 20/04/2015

Language(s) of the legend: English

Brief abstract or additional comments:

This poster is designed to raise awareness of the importance of wrecks and gives a visual impression of the maritime history of the North Sea. A number of wrecks from each period are shown on the map. One wreck from each period is highlighted with a brief description and illustration. This poster is based on the best available information. Only a limited number of wrecks have been projected on the map, their rough location indicated with an icon. The map does not therefore show the precise location of wrecks. No rights may be derived from this poster.

Title: Zwolle - topographic map of the Netherlands 21G [21M11]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 737 x 587

Author(s): Kadaster Geo-information Zwolle

Published by: Kadaster

Date published: 01/06/2010

Language(s) of the legend: Dutch, English,

German

Brief abstract or additional comments:

This map represents the topographic base data of the Netherlands. This is the representation of the Dutch geo information at a scale

1 : 25 000. The map is part of a family of maps in the range 1 : 25 000 up to 1 : 1 000 000.

Besides the map the vector data is also available in these scale range. The 1 : 25 000 is the only exception. The vector data for this map is stored as vector data that is obtained as 1 : 10 000.

Title: Zwolle topographic map of the Netherlands 21 East [21M12]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 737 x 587

Author(s): Kadaster Geo-information Zwolle

Published by: Kadaster

Date published: 01/05/2014

Language(s) of the legend: Dutch, English, German

Brief abstract or additional comments:

This map represents the topographic base data of the Netherlands. This is the representation of the Dutch geo information at a scale

1 : 50 000. This map-series are the first Dutch topographic maps that are fully 100% generalised by an automatic generalisation.

The map is part of a family of maps in the range 1 : 25 000 up to 1 : 1 000 000. Besides the map the vector data is also available in these scale range. The 1 : 25 000 is the only exception. The vector data for this map is stored as vector data that is obtained as 1 : 10 000.

Title: 3D map of the Netherlands [21M13]

Type of material: Paper

Scale: 1 : 10 000

Dimensions of the sheet (width and height, in millimeters): 845 x 680

Author(s): Kadaster Geo-information Zwolle

Published by: Kadaster

Date published: 01/12/2014

Language(s) of the legend: English

Brief abstract or additional comments:

This map represents the topographic base data of the Netherlands as a 3D world. The 3D map is a combination of 2D topographic vector data (Top10NL) and 3d LIDAR (AHN2) represented as lod 0 for the land cover, water and roads and a lod 1 for the buildings. The generation of the 3D data is done by a full automated process.

ATLASES

Title: Tangible Time 2.0: Atlas of the Cultural History of the Province of Utrecht [21A1]

Number of pages: 432

Dimensions (width and height, in millimeters): 245 x 304

Author(s): Roland Blijdenstijn

Published by: Stokerkade Cultuurhistorische Uitgeverij

Date published: 01/02/2015

Language(s) of the text: Dutch

Brief abstract or additional comments:

The Atlas of the Cultural History of the Province of Utrecht gives a detailed overview of the fascinating history of The Netherlands' smallest province. The maps, which are based on existing data and new data, are created especially for this Atlas by GIS-specialists and cartographers at Utrecht Province.

Title: Atlas of Cultural Heritage in the Netherlands [21A2]

Number of pages: 416

Dimensions (width and height, in millimeters): 268 x 368

Author(s): Noordhoff Atlas Productions • Drs. E. Beukers, Utrecht (introductions to all chapters and editor) • Drs. L. Coffeng, Groningen (chapter 11-18) • Drs. G. Renting, Dieren (chapter 5, 8, 9, 10) • Drs. B.M.J. Speet, Amsterdam (chapter 3, 4, 6, 7) • Prof. Dr. G.P. van de Ven, Nijmegen (chapter 1-2)

Published by: Noordhoff Uitgevers, Groningen, Netherlands

Date published: 15/10/2014

Language(s) of the text: Dutch

Brief abstract or additional comments:

A description of Cultural Heritage of the Netherlands, represented in hundreds of thematic maps and infographics. This atlas was edited in close collaboration with the Dutch Cultural Heritage Agency.

DIGITAL PRODUCTS

Title: All 9 866 539 buildings in the Netherlands [21D1]

Type: Website

Format: Interactive web map

Software platform in which it is managed:

Single web page, using Leaflet and D3.js.

Buildings map made with TileMill, data from BAG, via CitySDK LD API

Author(s): Bert Spaan

Published by: Bert Spaan, Waag Society

Date published or most recently updated: 01/02/2015

Nominal scale: not applicable

Language of the alphanumeric elements: English

Brief abstract or additional comments:

All 9 866 539 buildings in the Netherlands shows all buildings, shaded according to their year of construction. The map shows the history of the country - old buildings are red, and new buildings blue - and accentuates the differences in urban planning throughout the centuries. The map uses open data only, and is open source and available on GitHub.

Title: OV-Map [21D2]

Type: web map

Format: Shapefiles on top of vectortile map

Software platform in which it is managed: CartoDB

Author(s): Carto Studio

Published by: Carto Studio

Date published or most recently updated: 01/06/2015

Nominal scale: not applicable

Language of the alphanumeric elements: Dutch

Brief abstract or additional comments:

This realtime public transport map of the Netherlands combines the tools of public transport routeplanning with the best practice of the regular printed maps of public transport.

DIGITAL SERVICES

Title of the Spatial Data Infrastructure (SDI): PDOK (Public Geo Datasets at your Service)

Portal address: www.pdok.nl/en

Information contents summary: Dutch public sector platform known as PDOK

Services provided: WMS

Provided by: PDOK organisation

Start date on the Internet: 01/01/2013

Language of the alphanumeric elements:
English

Brief abstract or additional comments:

PDOK is a central distribution platform used for deploying geographical datasets (geo datasets) and making them available as web services and geographical information files. These geo datasets are supplied by government and public administrations. They are therefore guaranteed to be up-to-date, reliable and for free. More than 230 web services are available at the moment. A web service makes it possible for every user to view the geographical data in any available internet browser. These web services are particularly meant to be used by municipalities and other public agencies, businesses, schools and also private citizens. In this way, the Dutch government is stimulating innovation and the use of geo-information.

NEW ZEALAND

MAPS

Title: New Zealand (North Island) [22M1]

Type of material: Paper

Scale: 1 : 700 000

Dimensions of the sheet (width and height, in millimeters): 960 x 1300

Author(s): Roger Smith, Geographx

Published by: Geographx

Date published: 30/04/2015

Language(s) of the legend: English

Brief abstract or additional comments:

Together with Map #2, a large format physical map of New Zealand that is designed primarily as an artwork or wall feature emphasising the country's physical diversity of landcover and form. Only on close inspection does it reveal itself also as a detailed reference map for the distribution of human settlement and key transportation networks.

Title: New Zealand (South Island) [22M2]

Type of material: Paper

Scale: 1 : 700 000

Dimensions of the sheet (width and height, in millimeters): 960 x 1300

Author(s): Roger Smith, Geographx

Published by: Geographx

Date published: 30/04/2015

Language(s) of the legend: English

Brief abstract or additional comments:

Together with Map #1, a large format physical map of New Zealand that is designed primarily as an artwork or wall feature emphasising the country's physical diversity of landcover and form. Only on close inspection does it reveal itself also as a detailed reference map for the distribution of human settlement and key transportation networks.

Title: The West Coast of the Southern Alps [22M3]

Type of material: Paper

Scale: 3D parallel oblique map projection

Dimensions of the sheet (width and height, in millimeters): 995 x 1995

Author(s): Roger Smith, Geographx

Published by: Geographx

Date published: 31/08/2014

Language(s) of the legend: English

Brief abstract or additional comments:

This custom map was drawn for a Visitor Information Centre and its purpose is to inform and excite visitors to the West Coast of New Zealand. The map view is a rotated parallel oblique 3D map projection, chosen to display the region to best advantage and make best use of the available wall space (the in-situ map measures 1500(w) x 3000(h)) Specific visitor information relating to accommodation, attractions and activities is overlaid on a pseudo-natural looking basemap and there is an extensive legend focusing on related information. Travel distances and drive times are provided as marginalia.

Title: Milford Track [22M4]

Type of material: Paper

Scale: 1 : 40 000

Dimensions of the sheet (width and height, in millimeters): 598 x 841

Author(s): Roger Smith, Geographx

Published by: Potton Burton Publishing

Date published: 31/12/2013

Language(s) of the legend: English

Brief abstract or additional comments:

The purpose of this way-finding map is to add value to the visitor experience. It is intended to function at three levels... Pre-walk: as a motivational and planning aid. On the Journey: to monitor progress, identify features, and help the user to better relate to the surrounding wilderness environment. Post-walk: as a memento and tangible reminder of the experience. Many of those who walk the Milford Track have limited route-finding and navigational skills so the track itself is drawn as a confidence-boosting

“yellow brick road”, one that if followed will safely take you through to journey’s end.

Title: The Extraordinary Living Dead Epidemic of Sydenham Borough, 1891 [22M5]

Type of material: Paper

Scale: 1 : 9 000 approx

Dimensions of the sheet (width and height, in millimeters): 420 x 297

Author(s): Tim Nolan

Published by: Black Ant Mapping Solutions

Date published: 31/08/2014

Language(s) of the legend: English

Brief abstract or additional comments:

This map uses real historical data combined with a fictional Zombie epidemic in order to create an example of a Counterfactual (or Alternate reality) historical map. It fuses a historical style of mapping with a modern fictional phenomenon (Zombies). It demonstrates that with the proliferation of modern mapping techniques there remains potential for relevant cartographic communication utilising older mapping techniques and styles.

Title: Lake Wakatipu [22M6]

Type of material: Paper

Scale: 1 : 160 000 approx

Dimensions of the sheet (width and height, in millimeters): 428 x 596

Author(s): Simon Bardsley

Published by: Simon Bardsley

Language(s) of the legend: English

Brief abstract or additional comments:

This map goes beyond default hillshade techniques by using a multidirectional model to capture the terrain in a stylized way. A range of pink and orange hues have been drawn on to subtly shade the hillshade and create a different aesthetic altogether. The intended effect is to convey a sense of sunrise over the mountains.

Title: The University of Auckland Campus Map [22M7]

Type of material: Paper

Scale: 1 : 4 000

Dimensions of the sheet (width and

height, in millimeters): 366 x 560

Author(s): Igor Drecki

Published by: Auckland University

Date published: 15/12/2014

Language(s) of the legend: English

Brief abstract or additional comments:

The map was produced to assist students, staff and visitors in navigating the University of Auckland five Campuses: City, Grafton, Newmarket, Epsom and Tamaki. Representing intricate urban and pedestrian information was a challenging task requiring some unique design solutions. The map was done using ESRI’s ArcGIS suite, Adobe Photoshop and Illustrator and finished off using CorelDraw. The map was printed by a commercial printer in CMYK and is distributed free of charge.

Title: Aoraki Mount Cook [22M8]

Type of material: Paper

Scale: 1 : 65 000

Dimensions of the sheet (width and height, in millimeters): 840 x 630

Author(s): Geoff Aitken

Published by: NewTopo NZ

Date published: 01/09/2013

Language(s) of the legend: English

Brief abstract or additional comments:

This is a recreational map showing information useful to trampers and other visitors on a topographic base. The map covers most of the Aoraki Mount Cook and Westland Tai Poutini National Parks.

Title: The Old Ghost Road [22M9]

Type of material: Paper

Scale: 1 : 40 000

Dimensions of the sheet (width and height, in millimeters): 600 x 840

Author(s): Geoff Aitken

Published by: New Topo NZ

Date published: 01/09/2013

Language(s) of the legend: English

Brief abstract or additional comments:

This is a recreational map showing information useful to trampers and mountain bikers on a topographic base. The map covers the whole of the Old Ghost Road, a route which

is being developed for both trampers and mountain bike riders. This track is in a dramatic bush and sub-alpine landscape and the map portrays the 80km length of the track on a fully-detailed topographic background which does justice to the environment.

Title: Rees-Dart [22M10]

Type of material: Paper

Scale: 1 : 40 000

Dimensions of the sheet (width and height, in millimeters): 600 x 840

Author(s): Geoff Aitken

Published by: New Topo NZ

Date published: 01/09/2013

Language(s) of the legend: English

Brief abstract or additional comments:

This is a recreational map showing information useful to trampers and other visitors on a topographic base. The map covers the whole of the popular Rees-Dart Track in Mount Aspiring National Park. This popular track for trampers with moderate skills is in a dramatic landscape. The map portrays the full length of the track on a fully-detailed topographic background, which does justice to the environment.

Title: Routeburn, Greenston and Caples Tracks [22M11]

Type of material: Paper

Scale: 1 : 40 000

Dimensions of the sheet (width and height, in millimeters): 600 x 840

Author(s): Geoff Aitken

Published by: NewTopo NZ

Date published: 01/09/2013

Language(s) of the legend: English

Brief abstract or additional comments:

This is a recreational map showing information useful to trampers and other visitors on a topographic base. The map covers all three of these popular interlinked tracks in Mount Aspiring and Fiordland National Parks.

NORWAY

MAPS

Title: 3D Map Longyearbyen and environs [23M1]

Type of material: Paper

Scale: Varying

Dimensions of the sheet (width and height, in millimeters): 2000 x 720

Author(s): Anders Skoglund

Published by: Norwegian Polar Institute

Date published: 01/03/2015

Language(s) of the legend: Norwegian, English

Brief abstract or additional comments:

This bird's eye view map depicts the environs of the settlement of Longyearbyen in the Norwegian archipelago Svalbard, 1300 km south of the North Pole. Brief technical information: Production software: SAGA GIS, QGIS, ArcGIS and Photoshop; Utilized a parallel projection, meaning no perspective effects, but all features in the map become comparable in size; No vertical exaggeration; A continuous elevation color scale applied for 3D effect and to make features more distinguishable from their surroundings; Regular hillshade created from two light sources rather than one, to get more terrain details; Hint of blue (cold) and yellow (warm) in shaded/highlighted areas to increase 3D effect and for realism; Cast shadows to enhance terrain details and for realism; Data from infrared band of aerial imagery used to hint about the sparse vegetation cover; Extracted sedimentation flows at river outlets from Landsat 8 imagery, and created a sea surface texture.

Title: Hiking map Longyearbyen and environs [23M2]

Type of material: Plastic

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 992 x 700

Author(s): Norwegian Polar Institute

Published by: Norwegian Polar Institute

Date published: 15/05/2015

Language(s) of the legend: Norwegian, English

Brief abstract or additional comments:

This map is produced in cooperation with the Governor of Svalbard. The construction of the map and altitude data is based on aerial photos from 2009 and 2011. Walking trails are not drawn as these may vary because glaciers, rivers and riverbeds are constantly changing. Text on the back page is supplementing information on places worth visiting. It is possible to fold the front page of the map so that it is linked to the part of the area printed on the back page.

Title: Leisure Map Sykkylven [23M3]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 700 x 700

Author: Tore Tønning

Published by: Mesterkart

Date published: 01/07/2014

Language(s) of the legend: Norwegian, English

Brief abstract or additional comments:

This map covers a popular hiking and mountaineering area in western Norway. The other side of the map sheet shows title page, pictures and information about the area.

Title: Sognesjøen - Stavenes [23M4]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 821 x 1002

Author: The Norwegian Mapping Authority, Hydrographic Division

Published by: The Norwegian Mapping Authority

Date published: 27/01/2015

Language(s) of the legend: English

Brief abstract or additional comments: Navigation Chart "Sognesjøen – Stavenes".

The new edition of chart No. 25 was printed on January 27th 2015. Chart no 25 is an approach chart including new surveys completed recently. The chart replaces the previous edition from 2009. The chart is labeled as follows: Published by Kartverket 1967. New edition 2015. Printed 01/15. Updated, inclusive Notices to Mariners No. 01/15. Printed in 500 copies. The chart has a new layout - and has been further adapted to international norm. The chart is applied QR code for check updates. Compass roses are updated with the magnetic declination for 2015.

Title: **Florø - Smøla** [23M5]

Type of material: Paper

Scale: 1 : 350 000

Dimensions of the sheet (width and height, in millimeters): 821 x 1002

Author(s): The Norwegian Mapping Authority, Hydrographic Division

Published by: The Norwegian Mapping Authority

Date published: 08/09/2014

Language(s) of the legend: English

Brief abstract or additional comments:

Navigation Chart "Florø - Smøla". The new edition of charts No. 308 was printed on September 8th 2014. Chart no 308 is a coastal chart including new surveys completed recently. The chart replaces the previous edition from 1977. The chart is labeled as follows: Published by Kartverket 1977. New edition 2014. Printed 09/14. Updated, inclusive Notices to Mariners No. 16/14. Printed in 400 copies. The chart is an international chart. Compass roses are updated with the magnetic declination for 2015.

Title: **Pilgrim ways in Europe** [23M6]

Type of material: Paper

Scale: 1 : 3 500 000

Dimensions of the sheet (width and height, in millimeters): 1400 x 1300

Author(s): eMap as (www.emap.no)

Published by: Nidaros Pilgrim Center

Date published: December 2014

Language(s) of the legend: None (self-explanatory)

Brief abstract or additional comments:

The map is a one off wall map that shows the main pilgrim routes and destinations in Europe including Jerusalem. It hangs on the wall at the Nidaros Pilgrim Center where visiting pilgrims can mark where they have been with pins.

Title: **Sogn and Fjordane county map**

[23M7]

Type of material: Paper

Scale: 1 : 250 000

Dimensions of the sheet (width and height, in millimeters): 930 x 860

Author(s): eMap as (www.emap.no)

Published by: Sogn and Fjordane county

Date published: July 2013

Language(s) of the legend: Norwegian, English

Brief abstract or additional comments:

This county map was produced for the 250 year anniversary of the Sogn og Fjordane county. The map is the 2nd edition of the map (the first was produced by the Norwegian Mapping Authority), and it intends to function as a decorative wall map as well as a functional topographic map.

Title: **National radon susceptibility map** [23M8]

Type of material: Paper

Scale: 1 : 1 000 000

Dimensions of the sheet (width and height, in millimeters): 840 x 1170

Author(s): The Geological Survey of Norway (NGU) and The Norwegian Radiation Protection

Published by: The Geological Survey of Norway

Date published: 01/05/2015

Language(s) of the legend: English

Brief abstract or additional comments:

The national radon susceptibility map shows which areas in Norway are more exposed to radon than others. The map is based on measurements of the radon content of indoor air and on knowledge of geological factors.

Title: **Landforms and sediments. Bjørndalen, Vestpynten, Svalbard**

[23M9]

Type of material: Paper

Scale: 1 : 10 000

Dimensions of the sheet (width and height, in millimeters): 750 x 555

Author(s): Lena Rubensdotter

Published by: The Geological Survey of Norway (NGU)

Date published: July 2013

Brief abstract or additional comments:

Title: Orienteering map Eggemoen
[23M10]

Type of material: Paper

Scale: 1 : 10 000

Dimensions of the sheet (width and height, in millimeters): 440 x 470

Author(s): Leif Roger Hultgren

Published by: Ringerike orienteering club

Date published: August 2013

Language(s) of the legend: Norwegian

Brief abstract or additional comments:

Title: Møllenberg orienteering Map
[23M11]

Type of material: Paper

Scale: 1 : 4 000

Dimensions of the sheet (width and height, in millimeters): 340 x 275

Author(s): Sutmap

Published by: Wing orienteering club

Date published: 20/05/2015

Language(s) of the legend: No legend

Brief abstract or additional comments:

Orienteering map (sprint, ISSOM). Made for the Norwegian national championship 2014. The map itself is based on ISSOM standard. The "decorations" around the map is in the colors of the Norwegian flag (national championship). The open field at the right is reserved for control descriptions when the track is included.

Title: Osloomarka winter edition [23M12]

Type of material: Plastic

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 700 x 1000

Author(s): Therese Torstensson

Published by: Cappelen Damm AS, Norway

Date published: 2014

Language(s) of the legend: Norwegian, English

Brief abstract or additional comments:

Topographic map covering all the forests around Norway's Capital Oslo city, showing the touring possibilities for the one million people living in Oslo city and suburbs. Base map from the national mapping authority Kartverket. Covering a cross-country skiing eldorado, the ski trails are the main information category, shown in red color. Trails are divided into illuminated trails, marked trails prepared by large machines, narrower trails prepared by small scooters, as well as marked unprepared ski trails. Ski-jumps, alpine slopes and sledging hills are shown as well. To help people find their way to their winter activities, all the bus routes are shown in green color, with bus stops and bus numbers drawn into the map, in addition to the railway and tramway stations and car parking. Unique is also that areas of well preserved, friendly "fairytale" forest environments are highlighted, in addition to the official nature conservation areas.

Title: Stavanger – Sandnes city map
[23M13]

Type of material: Paper

Scale: 1 : 20 000, 1 : 7 000

Dimensions of the sheet (width and height, in millimeters): 960 x 1370

Author(s): Kjell Rønneberg

Published by: Cappelen Damm AS, Norway

Date published: 2013

Language(s) of the legend: Norwegian, English

Brief abstract or additional comments:

First-ever continuous, large road/address map of Norway's main oil industry region, including the large cities Stavanger and Sandnes, as well as the neighboring municipalities Sola and Randaberg. Large map format makes it possible to show the whole area (including index) in one map page. But the accordion folding makes it easy to navigate along the main axis roads south-North, having only one map-fold open at a time. The city centres of Stavanger and Sandnes are shown in large scale, in order to make map space for details as shops, restaurant names, one-way traffic, bus stop names, all road names and many other information. Warm, bright map

colors are used: Red sights and dining spots. Green nature, paths and other pedestrian information. Brown bus route information (bus stops with names, bus route numbers). Violet accommodation. Pink shopping areas. Yellow-orange built-up areas. Grey industrial areas.

ATLASES

Title: The Trondheim region – road atlas [23A1]

Number of pages: 192

Dimensions (width and height, in millimeters): 170 x 240

Author(s): eMap as (www.emap.no)

Published by: eMap as (www.emap.no)

Date published: October 2013

Language(s) of the text: Norwegian

Brief abstract or additional comments:

A road atlas intended for the local population with main focus on urban areas in the Trondheim area including streets, street names and addresses. The book is used by the local transport industry, public service as well as sold to individuals through local book stores and petrol stations. The book also contains information related to public service (schools, nurseries and health), sports, leisure, attractions and other points of interest.

POLAND

MAPS

Title: Polish Topographic Map with shading, sheet Szymbark (N-34-61-A-c-2) [24M1]

Type of material: Paper

Scale: 1 : 10 000

Dimensions of the sheet (width and height, in millimeters): 450 x 591

Author(s): InterTIM Pietrzak Ludmiła

Published by: Marshal Office of the Pomorskie Voivodship

Date published: 01/09/2013

Language(s) of the legend: Polish, English

Brief abstract or additional comments:

The main data source for the creation of civil topographic map of scale 1 : 10 000 is the Database of Topographic Objects (BDOT10k) which level of detail is corresponding to these maps. The other data source is the State Register of Geographic Names (PRNG) and the Digital Terrain Model (DTM), acquired with the use of the laser scanning technology, of the accuracy of at least four points per 1 m². Topographic maps are created in two versions: with terrain relief represented by contour lines and with terrain relief represented by contour lines and shading.

Title: Polish Topographic Map with shading, sheet Porąbka (M-34-75-C-b) [24M2]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 625 x 525

Author(s): OPEGIEKA Sp. z o.o. in Elbląg

Published by: OPEGIEKA Sp. z o.o. in Elbląg

Date published: 01/01/2014

Language(s) of the legend: Polish, English

Brief abstract or additional comments:

Following the Law of Geodesy and Cartography, the Surveyor General of Poland creates, maintains and share data standard cartographic products - topographic maps of scale: 1 : 25 000,

1 : 50 000, 1 : 100 000. The topographic maps of the new generation contain representation of nine categories of objects: administrative division units, road and railway networks, watercourse networks, utility networks, land cover complex, land usage complex, protected areas, buildings, structures and equipment, other objects (e.g. monument, windmill, marsh).

Title: Polish Topographic Map, sheet Warszawa – Wschód (N-34-139-A) [24M3]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 625 x 500

Author(s): OPEGIEKA Sp. z o.o. in Elbląg

Published by: Head Office of Geodesy and Cartography, Surveyor General of Poland

Date published: 01/01/2014

Language(s) of the legend: Polish, English

Brief abstract or additional comments:

The topographic maps of the new generation of scale 1:50 000 contain nine thematic groups of objects which are represented by 52 point objects, 78 line objects, 36 area objects and inscription for the geographical names and cartographic abbreviations. The main source of data is generalized Database of Topographic Objects (BDOT10k). Topographic maps are created in two versions: with terrain relief represented by contour lines and with terrain relief represented by contour lines and shading.

Title: Polish Topographic Map with shading, sheet Bielsko-Biała (M-34-75) [24M4]

Type of material: Paper

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 625 x 500

Author(s): OPEGIEKA Sp. z o.o. in Elbląg

Published by: Head Office of Geodesy and Cartography, Surveyor General of Poland

Date published: 01/01/2014

Language(s) of the legend: Polish, English

Brief abstract or additional comments:

The topographic maps of the new generation maps of scale 1 : 100 000 is the result of generalisation data and cartographic editing. Data have been submitted to selection by attributes, selection by geometry, aggregation, simplifying of shapes of objects and manual cartographic edition.

The source of data for creation maps is the Database of Topographic Objects (BDOT10k), the State Register of Geographic Names (PRNG) and the Digital Terrain Model (DTM).

Title: Digital Geomorphological Map of Poland, sheet Tomaszów Lubelski [24M5]

Type of material: Paper

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 610 x 513

Author(s): J. J. Buraczyński, L. Gawwrysiak, Ł. Chabudziński, A. Wrochna, R. Smyk, B. Wawrzyniak, K. Kałamucki, M. Meksuła, Z. Zwoliński

Published by: Head Office of Geodesy and Cartography, Surveyor General of Poland

Date published: 01/09/2013

Language(s) of the legend: Polish, English

Brief abstract or additional comments:

The thematic content of digital geomorphological map comprises the following morphogenetic groups of land surface forms: endogenic, denudational, periglacial, glacial, fluvial, karst, eolian, littoral and limnic, organogenic as well as anthropogenic. Apart from geomorphological content, the maps contain also underlay content including: administrative borders, settlements, roads, hydrography as well as geographical names. An integral part of the map is a geomorphological database model in GIS environment. Metadata was also prepared for the database of a digital geomorphological map of Poland; its profile was developed in accordance with implementing provisions of INSPIRE Directive as regards metadata, and according to ISO standards.

Title: Geological-Tourist Map of Drawa National Park [24M6]

Type of material: Paper

Scale: 1 : 40 000

Dimensions of the sheet (width and height, in millimeters): 670 x 820

Author(s): R. Dobracki, K. Dobracki

Published by: Polish Geological Institute, National Research Institute

Date published: 01/09/2013

Language(s) of the legend: Polish

Brief abstract or additional comments:

The map presented here is one of the numerous maps of this kind published currently in Poland. It is designed to meet the needs of tourists interested in geology and environment protection. Beside the geologic content, the map also presents tourism infrastructure objects as well as the environment protection content. The reverse includes an extensive tourist guidebook and photographs.

Title: Bicycle plan of Warsaw [24M7]

Type of material: Plastic

Scale: 1 : 29 000

Dimensions of the sheet (width and height, in millimeters): 1000 x 480

Author(s): The editorial staff of ExpressMap

Published by: ExpressMap Polska Sp. z o.o.

Date published: 01/01/2015

Language(s) of the legend: Polish, English, German, French

Brief abstract or additional comments:

The bike plan of Warsaw, the capital and the largest city of Poland, is one of bike plans of Polish towns issued in 2015 by ExpressMap. The map content consists of elements typical to city plans, but is followed by specific, bicycle components, such as cycle paths, one-way cycle lanes, shared-use footways and other cycle routes. Pedestrian zones with bicycles allowed and not allowed are also marked. Since Warsaw has an extensive city bike service, its stations are indicated as well as bicycle repair shops and self-service repair stations.

Title: Tatra Mountains. Polish and Slovakian [24M8]

Type of material: Plastic

Scale: 1 : 55 000

Dimensions of the sheet (width and height, in millimeters): 1000 x 480

Author(s): The editorial staff of ExpressMap

Published by: ExpressMap Polska Sp. z o.o.

Date published: 01/01/2015

Language(s) of the legend: Polish, English, German, French

Brief abstract or additional comments:

The map presents a high-mountain area located in the south part of Poland – the Tatra Mountains, rich in environmental and cultural objects. The map is designed specifically for hiking, what is facilitated by the detailed presentation of relief, vegetation and tourism infrastructure objects (such as lodging, food outlets, as well as natural and historic objects). The reverse includes photographs and an extensive tourist guidebook.

ATLASES

Title: The Historical Atlas of Polish Towns, Vol. 4 (Silesia), no. 16 (Ziębice) [24A1]

Number of pages: 36

Dimensions (width and height, in millimeters): 340 x 490

Author(s): R. Eysymontt (ed), M. Goliński, R. Gliński, M. Siehankiewicz

Published by: R. Eysymontt (ed), M. Goliński, R. Gliński, M. Siehankiewicz

Date published: 01/01/2014

Language(s) of the text: Polish, English

Brief abstract or additional comments:

Historical atlas Ziębice in Silesia continues the tradition of elaborating historical atlases of European towns established in Vienna by International Commission for the History of Towns in 1965. The publication consists of two parts – descriptive and cartographic. The first one covers geographical and historical information like: town's location, spatial development across ages and major buildings. Two types of maps can

be distinguished. The first are scanned archival maps, such as cadastral plans from 19th c. and topographic maps depicting town with its vicinities. The second are thematic maps covering mostly town's spatial development and historical buildings' maintenance status.

Title: Historical Atlas of Poland in the 2nd Half of the 16th Century [24A2]

Number of pages: 1597

Dimensions (width and height, in millimeters): 225 x 350

Author(s): M. Słoń (ed)

Published by: Peter Lang

Date published:

Language(s) of the text: English

Brief abstract or additional comments:

Historical Atlas of Poland in the 2nd Half of the 16th Century which is presented here is a set of five maps elaborated from 1966 to 2008 – unified and combined. The idea behind the project was to reconstruct the historical landscape in the second half of the 16th century including settlements (distinguished by ownership, administrative and ecclesiastical functions and size), borders (administrative and ecclesiastical), roads and natural landscape. Data sources include both written sources (e.g. tax registers) and archival maps for physiography reconstruction. Publication consists of four volumes: One volume with maps, two with commentary and one with settlement index.

DIGITAL PRODUCTS

Title: Atlas of Sources and Materials for History of Old Poland [24D1]

Type: Website

Format: Esri Shapefile, Spatial Database

Software platform in which it is managed:

p.Mapper, Mapserver, PostgreSQL/PostGIS

Author(s): B. Szady, M. Słoń

Published by: Institute of History, Polish Academy of Sciences

Date published or most recently updated:

01/04/2015

Nominal scale: 1 : 250 000

Language of the alphanumeric elements:
Polish, English

Brief abstract or additional comments:
The main objective of the project is to build a unified system for collecting, analysing and visualising information and sources of historical geography of Poland. For now, project consists of several components including geographical and attribute data of Historical Atlas of Poland, Atlas of Faiths and Religions of Old Poland, cartographic visualisation of tax registers in 16th c. and a court book from Wschowa in 15th/16th c. All of the content is presented on a basemap which consists of settlement network and borders (administrative and ecclesiastical) of pre 19th c. Poland. The website has a status of a scientific journal.

Title: Database of Topographic Objects (BDOT10k) [24D2]

Type: Spatial database

Format: Geographic Markup Language (GML)
Software platform in which it is managed:
Geomedia (Intergraph), ArcGIS (Esri),
Microstation (Bentley)

Author(s): Commercial companies

Published by: Published by 16 Marshal Offices

Date published or most recently updated:
01/01/2013

Nominal scale: 1 : 10 000

Language of the alphanumeric elements:
Polish

Brief abstract or additional comments:
The Database of Topographic Objects (BDOT10k) developed in accordance with accepted standards specified in the Regulation of the Minister of Interior and Administration dated November 17th, 2011, includes nine class categories of topographic objects. This database will be updated from different registers kept by the National Geodetic and Cartographic Service and other public institutions. Data regarding administrative units acquired for the BDOT10k, which are necessary for creating topographic maps, are

compatible with relevant source registers such as: State Register of Borders, the State Register of Geographical Names as well as the Register of Cities, Streets and Addresses.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: Atlas of National Parks in Poland. Educational kits for blind and visually impaired. Kampinos National Park [24E1]

Type: Atlas

Author(s): M. Olczyk (ed), A. Chojecka, B. Hermanowicz, B. Mikołowicz, C. Fuksiński, M. Jakubowski, J. Michalik, A. Mizińska, R. Sitarczuk

Published by: Towarzystwo Opieki nad Ociemniałymi (Society for the Blind)

Date published: 01/01/2014

Brief abstract or additional comments:
The publication "Atlas of National Parks in Poland" is specifically design to facilitate the cognition of 23 polish National Parks by blind or visually impaired people. It consists of sets of teaching materials (colourful and tactile thematic maps along with audio format materials) making the publication the first such comprehensive tactile cartography development. Atlas of Kampinos NP covers several topics including NP's location, hydrography, forestation, cultural and natural heritage, tourism, etc. depicted on 9 sheets. These are divided into two parts: the one with colourful thematic map, and the other with its tactile version with labels written in braille alphabet.

SLOVAKIA

MAPS

Title: Atlas of the Tatra Mts. – Abiotic

Nature: Relief [25M1]

Type of material: Paper

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 780 x 500

Author(s): Wojciech Raczkowski, Martin Boltžiar, Zofia Raczkowska

Published by: Wydawnictwa Tarzańskiego Parku Narodowego

Date published: 01/05/2015

Language(s) of the legend: Polish, Slovak, English

Brief abstract or additional comments:

Relief map of Tatra Mts. has been created within an international bilateral scientific project "Atlas Tatr" published on a DVD and later on in a print form, as well. The Polish part was compiled by W. Raczkowski and Z. Raczkowska, the Slovak part by M. Boltžiar. In the production process, maps of Lukniš (1968), Klimaszewski (1985), Nemčok et al. (1994), aerial and satellite images, and terrain research lasting several years were used. The map in scale 1:100 000 is the first geomorphological digital map covering the whole territory of the Tatra Mts. (both the Slovak and Polish part) in the relevant scale. The map is available in three GIS digital vector layers (points, lines, polygons) for further use in standard ArcGIS software.

Title: Cycling Maps' Edition – Cycling map Záhorie as an example [25M2]

Type of material: Paper

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 841 x 594

Author(s): CBS spol, s. r. o.

Published by: CBS spol, s. r. o.

Date published: 05/09/2014

Language(s) of the legend: Slovak, English

Brief abstract or additional comments:

Hand painted maps for cyclists – 14 specific regions and areas – were created by painters, graphic designers, cartographers, in cooperation with Slovak Agency for Tourism and National Cycling Coordinator to promote healthy and ecological transport among citizens and tourists as well as to highlight Slovak historical, natural beauties and interesting places to visit! Castles, mineral springs, archaeological excavations, caves and much more! Visit Slovakia, use bicycle and you will obtain a real picture what Slovakia is really like!

Title: Hunting and fishing in Slovakia [25M3]

Type of material: Paper

Scale: 1 : 450 000

Dimensions of the sheet (width and height, in millimeters): 980 x 675

Author(s): CBS spol, s. r. o.

Published by: CBS spol, s. r. o.

Date published: 29/09/2014

Language(s) of the legend: Slovak, English

Brief abstract or additional comments:

When the fishing season is and what is the Hunters' Code of Ethics in Slovakia? What is the difference between fishing card and fishing licence? All information you might need, when you prefer to spend your time in Slovakia actively in beautiful middle-European forests, you can find in the hand painted map – Hunting and Fishing in Slovakia. Whole area of Slovakia, with important forestry places with hunting theme, game enclosures and thanks to our partners - with all important information about what you might need on your journey to exploration of hunting and fishing in Slovak republic, together in this unique map.

Title: Map by bikers for bikers [25M4]

Type of material: Paper

Scale: 1 : 450 000

Dimensions of the sheet (width and height, in millimeters): 980 x 675

Author(s): CBS spol, s. r. o.

Published by: CBS spol, s. r. o.

Date published: 12/03/2015

Language(s) of the legend: Slovak, English

Brief abstract or additional comments:

Having a bike means riding and not getting somewhere, that's what car drivers cannot understand. There are plenty of beautiful roads in Slovakia. But which one to choose for the best experience? We created this painted map to help you decide. The map was prepared by bikers to show bikers the most beautiful Slovak biking roads. Long curves of Šturec, beautiful views of Spiš and Liptov, unique scattered dwellings in Podpoľanie, Danube River or picturesque forgotten corners of Carpathain Mountains in Šariš... Moreover the map shows attractions, moto-services and recommended roadhouses. All hand-painted!

Title: Winery and agrotourism in Slovakia [25M5]

Type of material: Paper

Scale: 1 : 450 000

Dimensions of the sheet (width and height, in millimeters): 980 x 675

Author(s): CBS spol, s. r. o.

Published by: CBS spol, s. r. o.

Date published: 04/12/2014

Language(s) of the legend: Slovak, English

Brief abstract or additional comments:

Slovakia, a small country in the heart of Europe, surprises the world with its high-quality wine. The diversity of natural conditions, especially climate and soil, as well as cultural heritage, is reflected also in our wines. Vine-culture has a deep-rooted tradition in Slovakia, even though it is only peripheral in terms of land area used for vine growing. We created this map to provide for specific information of Winery and agro-tourism in Slovakia as a complete guide for anyone who wants to get familiar with traditional Slovak wines and rural tourism.

ATLASES

Title: Demographic Atlas of the Slovak Republic [25A1]

Number of pages: 163

Dimensions (width and height, in millimeters): 210 x 297

Author(s): Bleha Branislav, Jurčová Danuša, Meszáros Ján, Pilinská Viera, Šprocha Branislav, Vaňo Boris, Bačík Vladimír, Ďurček Pavol, Kusendová Dagmar

Published by: Geo-Grafika, Faculty of Natural Sciences Comenius University in Bratislava and Institute of Informatics and Statistics in Bratislava

Date published: 02/09/2014

Language(s) of the text: Slovak, English

Brief abstract or additional comments:

The Atlas reflects timelessness of demographic and population-geographical issues in relation to the rich tradition of atlases creation in Slovakia, where in 2006 was issued the first comprehensive Atlas of the Slovakia population. The update of demographic data was an important motivation for the emergence of a new atlas based on demographic research of population in the era of Slovakia independency. In its 7 chapters the Atlas captures major demographic changes in national, regional and local scales, presents a completely new and original knowledge on the demographic development in Slovakia in the past three decades (comparing interestingly the last three censuses) and also forecasts further prospects of population development. The PDF version of the Atlas is available on: <http://www.humannageografia.sk/demografickyatlas/>

SPAIN

MAPS

Title: Spain and Portugal Geological Map [26M1]

Type of material: Paper

Scale: 1 : 1 000 000

Dimensions of the sheet (width and height, in millimeters): 1970 x 700

Author(s): L.R. Rodríguez Fernández; F. López Olmedo; J.T. Oliveira; T. Medialdea; P. Terrinha; J. Matas; A. Martín-Serrano; L.M. Martín Parra; F. Rubio; C. Marín; M. Montes; F. Noza

Published by: Geological Survey of Spain (IGME)

Date published: 10/04/2015

Language(s) of the legend: Spanish

Brief abstract or additional comments:

Title: Map of Spain [26M2]

Type of material: Paper

Scale: 1 : 1 500 000

Dimensions of the sheet (width and height, in millimeters): 1020 x 720

Author(s): Army Geographic Center

Published by: Army Geographic Center

Date published: 15/09/2014

Language(s) of the legend: Spanish

Brief abstract or additional comments:

Title: Torremolinos 16/17-45 [26M3]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 900 x 600

Author(s): Army Geographic Center

Published by: Army Geographic Center

Date published: 15/10/2014

Language(s) of the legend: Spanish

Brief abstract or additional comments:

Title: La Breña y Marismas del Barbate [26M4]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 980 x 680

Author(s): Instituto de Estadística y Cartografía de Andalucía (IECA), Consejería de Medio Ambiente y Ordenación del Territorio (CMAOT)

Published by: IECA-CMAOT, Junta de Andalucía

Date published: 30/03/2015

Language(s) of the legend: Spanish

Brief abstract or additional comments:

Title: Map of Alentejo-Algarve-Andalucía [26M5]

Type of material: Paper

Scale: 1 : 600 000

Dimensions of the sheet (width and height, in millimeters): 1200 x 1000

Author(s): Consejería de Presidencia, Junta de Andalucía

Published by: Junta de Andalucía

Date published: 30/03/2015

Language(s) of the legend: Spanish and Portuguese

Brief abstract or additional comments:

Title: Spanish Exclusive Economic Zone. Balear sea and Valencia Gulf. Mediterranean Sea. Geomorphological Map. Sheet 400B [26M6]

Type of material: Paper

Scale: 1 : 500 000

Dimensions of the sheet (width and height, in millimeters): 842 x 684

Author(s): María P., Gómez. Spanish Oceanographic Institute

Published by: Real Instituto y Observatorio de la Armada/Spanish Oceanographic Institute

Date published: 30/10/2014

Language(s) of the legend: Spanish

Brief abstract or additional comments:

The data was acquired from singlebeam and multibeam echosounder in systematic surveys. This data has been included in the Bathymetry Database of IHM. 1990-2008.

Title: Low Flying Chart (LFC) [26M7]

Type of material: Paper

Scale: 1 : 500 000

Dimensions of the sheet (width and height, in millimeters): 990 x 660

Author(s): Cartographic Squadron, Cartographic and Photographic Center, Spanish Air Force

Published by: Ministry of Defense - CECAF

Date published: 24/11/2014

Language(s) of the legend: English

Brief abstract or additional comments:

NATO production. Lambert Conformal

Conic Projection. Datum: WGS 84.

Aeronautical Information compiled by CECAF

Title: Instrumental Chart. Low Air

Space [26M8]

Type of material: Paper

Scale: 1 : 2 000 000

Dimensions of the sheet (width and height, in millimeters): 1190 x 841

Author(s): Cartographic Squadron, Cartographic and Photographic Center, Spanish Air Force

Published by: Ministry of Defense - CECAF

Date published: 30/01/2015

Language(s) of the legend: Spanish

Brief abstract or additional comments:

Mercator Projection. Datum: WGS 84

ATLASES

Title: Military Route Map [26A1]

Number of pages: 132

Dimensions (width and height, in millimeters): 170 x 305

Author(s): Army Geographic Center

Published by: Army Geographic Center

Date published: 04/11/2013

Language(s) of the text: Spanish

Brief abstract or additional comments:

SPAIN

INSTITUTO GEOGRÁFICO NACIONAL ESPAÑA

MAPS

Title: Political Map of Spain [27M1]

Type of material: Paper

Scale: 1 : 2 250 000

Dimensions of the sheet (width and height, in millimeters): 700 x 500

Author(s): National Geographic Institute of Spain

Published by: National Center of Geographic Information of Spain

Date published: 15/12/2014

Language(s) of the legend: Spanish

Brief abstract or additional comments:

Title: Political Map of World [27M2]

Type of material: Paper

Scale: 1 : 30 000 000

Dimensions of the sheet (width and height, in millimeters): 1380 x 970

Author(s): National Geographic Institute of Spain

Published by: National Center of Geographic Information of Spain

Date published: 28/04/2015

Language(s) of the legend: Spanish

Brief abstract or additional comments:

Title: National Topographic Map of Tías (Sheet_1082-III) [27M3]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 760 x 520

Author(s): National Geographic Institute of Spain

Published by: National Center of Geographic Information of Spain

Date published: 25/04/2015

Language(s) of the legend: Spanish

Brief abstract or additional comments:

Title: Region Map of Barcelona [27M4]

Type of material: Paper

Scale: 1 : 200 000

Dimensions of the sheet (width and height, in millimeters): 900 x 750

Author(s): National Geographic Institute of Spain

Published by: National Center of Geographic Information of Spain

Date published: 17/11/2014

Language(s) of the legend: Spanish

Brief abstract or additional comments:

Title: Thematic Map of Natural Park of Gredos [27M5]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 1200 x 1000

Author(s): National Geographic Institute of Spain

Published by: National Center of Geographic Information of Spain

Date published: 27/04/2015

Language(s) of the legend: Spanish

Brief abstract or additional comments:

Title: National Topographic Map of Talavera de la Reina (Sheet_627) [27M6]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 760 x 520

Author(s): National Geographic Institute of Spain

Published by: National Center of Geographic Information of Spain

Date published: 16/03/2015

Language(s) of the legend: Spanish

Brief abstract or additional comments:

Title: Sierra de Guadarrama National Park (Special edition with four sheets) [27M7]

Type of material: Paper
Scale: 1 : 25 000
Dimensions of the sheet (width and height, in millimeters): 1750 x 1500
Author(s): National Geographic Institute of Spain
Published by: National Center of Geographic Information of Spain
Date published: 10/11/2014
Language(s) of the legend: Spanish
Brief abstract or additional comments:

DIGITAL PRODUCTS

Title: National Park of Sierra de Guadarrama [27D1]
Type: Multimedia CD-ROM
Format: Video
Software platform in which it is managed: Windows (XP or higher)
Author(s): National Center of Geographic Information of Spain
Published by: National Center of Geographic Information of Spain
Date published or most recently updated: 10/11/2014
Nominal scale: 1 : 25 000
Language of the alphanumeric elements: Spanish
Brief abstract or additional comments:

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: Magnetic World Map Puzzle [27E1]
Type: Map
Author(s): National Geographic Institute of Spain
Published by: National Center of Geographic Information of Spain
Date published: 26/05/2014

Brief abstract or additional comments:
Magnetic puzzle map helps learning geography. The world magnetic map puzzle teaches about countries, capitals. 100 pieces puzzle

Title: Outline Maps [27E2]
Type: Map
Author(s): National Geographic Institute of Spain
Published by: National Center of Geographic Information of Spain
Date published: 16/03/2015
Brief abstract or additional comments:
Outline maps of the World, Europe and Spain. Physical and Political maps

SWEDEN

MAPS

Title: Total population change in European regions 2000-2013 [28M1]

Type of material: Paper

Scale:

Dimensions of the sheet (width and height, in millimeters): 594 x 841

Author(s): Linus Rispling

Published by: Nordregio

Date published: 25/02/2015

Language(s) of the legend: English

Brief abstract or additional comments:

The map displays the long-term, annual average population change in Europe's regions between years 2000 and 2013. Furthermore, the map shows the population size of each region. In the Nordic countries, the largest city regions are also those which have seen a positive population change, while many smaller regions experienced a negative change. Western Europe is largely characterised by population increase, but exceptions exist, such as some of Eastern Germany, parts of Portugal and Southern Italy. The populated regions on Spain's Mediterranean coast and Western Turkey witnessed striking population increases during these years. In Eastern Europe, the capitals and certain major metropolitan areas stand out with positive population change. In some particular cases, such as around Romania's capital, it is Ilfov, the region which borders the actual capital region Bucharest, which has the only positive change in the area.

Title: World, physical [28M2]

Type of material: Paper

Scale: 1 : 4 380 000

Dimensions of the sheet (width and height, in millimeters): 775 x 485

Author(s): Pär Aspenberg

Published by: Norstedts

Date published: 07/07/2014

Language(s) of the legend: Swedish

Brief abstract or additional comments:

Title: Huddinge – Bike and sightseeing map [28M3]

Type of material: Paper

Scale: 1 : 15 000, 1 : 30 000

Dimensions of the sheet (width and height, in millimeters): 900 x 600

Author(s): Lotta Ekberg

Published by: Infab AB, Huddinge kommun

Date published: 10/08/2014

Language(s) of the legend: Swedish

Brief abstract or additional comments:

Title: Special chart 611 - 06 Arholma South [28M4]

Type of material: Polyart

Scale: 1 : 10 000

Dimensions of the sheet (width and height, in millimeters): 594 x 420

Author(s): Joakim Lannek

Published by: Hydrographica

Date published: 27/02/2015

Language(s) of the legend: Swedish

Brief abstract or additional comments:

Hydrographica is a highly specialized private company producing nautical charts exclusively for pleasure cruising purposes. Hydrographica charts are produced in scale 1 : 10 000 and is complementary to the official Swedish HO charts, in areas where a more detailed product is needed. Chart production starts indoor with aerial photo interpretation and photogrammetry. Hydrographica have developed a technique where water depth down to 4-5 meters normally can be penetrated and measured with high accuracy through stereoscopic analysis of aerial photos. Bathymetric contours for 2 and 3 meters can be drawn and water depth on separate shoals can be established. All photointerpreted data is confirmed through extensive field surveys.

Title: Special chart 611 - 06 Arholma North [28M5]

Type of material: Polyart

Scale: 1 : 10 000

Dimensions of the sheet (width and height, in millimeters): 594 x 420

Author(s): Joakim Lannek

Published by: Hydrographica

Date published: 27/02/2015

Language(s) of the legend:

Brief abstract or additional comments:

Hydrographica is a highly specialized private company producing nautical charts exclusively for pleasure cruising purposes. Hydrographica charts are produced in scale 1 : 10 000 and is complementary to the official Swedish HO charts, in areas where a more detailed product is needed. Chart production starts indoor with aerial photo interpretation and photogrammetry. Hydrographica have developed a technique where water depth down to 4-5 meters normally can be penetrated and measured with high accuracy through stereoscopic analysis of aerial photos. Bathymetric contours for 2 and 3 meters can be drawn and water depth on separate shoals can be established. All photointerpreted data is confirmed through extensive field surveys.

Title: Mountain Map, Z7 Åre-Vålå dalen-Bydalen [28M6]

Type of material: Pretex

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 910 x 780

Author(s): Lantmäteriet

Published by: Lantmäteriet

Date published: 09/09/2014

Language(s) of the legend: Swedish, English, German

Brief abstract or additional comments:

Title: Nordic Countries, Physical [28M7]

Type of material: Paper

Scale: 1 : 2 000 000

Dimensions of the sheet (width and height, in millimeters): 750 x 1000

Author(s): Britt-Marie Kling

Published by: Norstedts

Date published: 19/11/2013

Language(s) of the legend: Swedish

Brief abstract or additional comments:

ATLASES

Title: World Atlas [28A1]

Number of pages: 304

Dimensions (width and height, in millimeters): 250 x 335

Author(s): Thomas Renström, Alistair Dinwiddie

Published by: Liber Ab

Date published: 22/11/2014

Language(s) of the text: Swedish

Brief abstract or additional comments:

Title: Important maps for daydreamers and adventurers [28A2]

Number of pages: 37

Dimensions (width and height, in millimeters): 255 x 345

Author(s): Sarah Sheppard

Published by: Bonnier Carlsen

Date published: 10/10/2013

Language(s) of the text: Swedish

Brief abstract or additional comments:

Title: Geochemical Atlas of Sweden [28A3]

Number of pages: 208

Dimensions (width and height, in millimeters): 250 x 315

Author(s): Madelene Andersson

Published by: Geological Survey of Sweden

Date published: 02/11/2014

Language(s) of the text: Swedish, English

Brief abstract or additional comments:

The bedrock of Sweden has a long geological history and the oldest rocks formed 3,2 billion years ago. The Quaternary deposits covering the bedrock mostly consist of till and are younger, mainly formed c. 10 000 years ago during the latest glaciation. About 75% of Sweden's land surface is covered by glacial till, the material on which this atlas is based. Through chemical analyses of the till we now have a better understanding of how the elements vary in

the till in different parts of the country. These variations affect e.g. water quality and the health of humans and animals. Knowledge of the natural distribution of elements is of great value in mineral exploration but also in infrastructure planning and health and environmental work. We hope that this atlas will have a wide range of applications.

DIGITAL PRODUCTS

Title: Tectonic map of Sweden [28D1]

Type: Image map

Format: WMV

Software platform in which it is managed:

ESRI ArcMap 10.2.2

Author(s): Michael Stephens, Amanda Baumgartner

Published by: Geological Survey of Sweden

Date published or most recently updated: 01/05/2015

Nominal scale: 1 : 5 000 000

Language of the alphanumeric elements: English

Brief abstract or additional comments:

A new database documenting the tectonic evolution in Sweden during the past 2800 million years at the scale 1 : 5 million (or lower) has been constructed by the Geological Survey of Sweden. A primary breakdown into orogenic belts of different ages, magmatic provinces unaffected by orogenic activity and sedimentary provinces outside orogenic belts has been made for the rock units exposed at the ground surface. The database focuses attention on the structural framework of the bedrock in Sweden; the timing of formation of each rock unit and the prevailing tectonic setting when each unit formed; and, in the case of the orogenic belts, the timing of ductile deformation and metamorphism in each orogenic system. The database provides the basis for a movie that will demonstrate the tectonic evolution in time sequence and includes some sub-surface imaging.

DIGITAL SERVICES

Title of the Spatial Data Infrastructure (SDI): Open geospatial data from the municipality of Örebro as a service

Portal address: <http://data.karta.orebro.se>

Information contents summary:

Services provided: Open geospatial data as a service

Provided by: The municipality of Örebro

Start date on the Internet:

Language of the alphanumeric elements: Swedish

Brief abstract or additional comments:

Open geospatial data is published thru <http://data.karta.orebro.se> and about 45 sources are available now. A lot of attention has been given to usability so please try the website out, google translate works reasonably well but code examples are corrupted. The purpose is to stimulate the creation of innovative mobile apps and web services.

SWITZERLAND

MAPS

Title: Mera Peak / Island Peak [29M1]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 800 x 490

Author(s): Sandra Greulich, Sacha Wettstein

Published by: climbing-map.com GmbH

Date published: 01/02/2014

Language(s) of the legend: English, German

Brief abstract or additional comments:

Topographic climbing maps from Island & Mera Peak 1 : 25 000, village maps of Lukla and Namche Bazar, description of climbing routes, Khumbu general map 1 : 200 000, Panorama view, vegetation illustrations, climatic diagram, GPS information. Coordinate System: WGS 84 / UTM. ISBN-Number 978-3-9523294-5-0.

Title: Geneva - Area Chart ICAO [29M2]

Type of material: Paper

Scale: 1 : 250 000

Dimensions of the sheet (width and height, in millimeters): 900 x 600

Author(s): Muffmap, Bern

Published by: Skyguide, AIM, Wangen b. Dubendorf

Date published: 05/03/2015

Language(s) of the legend: English, French, German

Brief abstract or additional comments:

Zurich area on reverse side. 6th edition.

Title: Aarau, sheet 1089 [29M3]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 570 x 780

Author(s): Federal Office of Topography, swisstopo

Published by: Federal Office of Topography, swisstopo

Date published: 01/01/2014

Language(s) of the legend: German, French, Italian, English

Brief abstract or additional comments:

Reliable, easy to read and intelligent.

Discover the specific characteristics of the new Swiss national maps. The most accurate and detailed topographic map of Switzerland for hikers, alpinists, vacationers, individualists and adventurers. Complete and differentiated rail, road and route networks. Detailed representations of settled areas, hydrography, vegetation and terrain. Complete lettering of the shown objects. All maps are available folded and unfolded.

Title: Grand Tour of Switzerland - Touring Map und Touring Guide [29M4]

Type of material: Paper

Scale: 1 : 275 000

Dimensions of the sheet (width and height, in millimeters): 1390 x 675

Author(s): Hallwag Kummerly+Frey AG

Published by: Hallwag Kummerly+Frey AG

Date published: 01/01/2015

Language(s) of the legend: German, French, Italian, English

Brief abstract or additional comments:

This map, which is to a scale of 1 : 275 000 and laminated, is as special as the "Grand Tour of Switzerland" itself. 44 highlights along the 1600-km route and the most beautiful route sections are specially marked. The map is a small tour guide in itself! Photos and descriptions in four languages (German, French, Italian and English) complement the cartographical information. It is perfect for previewing and reminiscing about the many attractions along the memorable "Grand Tour of Switzerland".

Title: Public transport map, City of Bern (ÖV-Zeitkarte der Stadt Bern) [29M5]

Type of material: Paper

Scale: 1 : 20 000 / 1 : 55 000

Dimensions of the sheet (width and height, in millimeters): 210 x 300 / 300 x 210 (2 maps)

Author(s): Leon Buhrer

Published by: Leon Buhrer, Gymnasium Kirchenfeld

Date published: 28/11/2013

Language(s) of the legend: German

Brief abstract or additional comments:

Two different visualisations, in two different scales, show the public transport time, that passengers need to go from home to Bern's main railway station.

Title: Municipality map of Dulliken (Ortsplan Dulliken) [29M6]

Type of material: Paper

Scale: 1 : 5 000

Dimensions of the sheet (width and height, in millimeters): 891 x 1260

Author(s): Simon Etter, Shirkou Moradi

Published by: Municipality of Dulliken

Date published: 03/11/2014

Language(s) of the legend: German

Brief abstract or additional comments:

The municipality map will be displayed in the street of Dulliken for orienteering purposes.

Title: Development of the Ile de la Cité, Paris (Entwicklung der Ile de la Cité, Paris) [29M7]

Type of material: Paper

Scale: 1 : 16 000

Dimensions of the sheet (width and height, in millimeters): 420 x 297 (includes all 4 maps)

Author(s): Nina Bonassi

Published by: Nina Bonassi, ETH Zurich

Date published: 01/03/2015

Language(s) of the legend: German

Brief abstract or additional comments:

Four different maps depicting four different time periods.

Title: Individual traveling along the Trans-Siberian Railway (Individuelles Reisen entlang der Transsibirischen Eisenbahn) [29M8]

Type of material: Paper

Scale: 1: 40 million

Dimensions of the sheet (width and height, in millimeters): 534 x 750

Author(s): Fabian Ringli, Pascal Tschudi

Published by: Fabian Ringli, Pascal Tschudi

Date published: 30/04/2015

Language(s) of the legend: German

Brief abstract or additional comments:

For traveling along the Trans-Siberian Railway, this cartographic product could be useful for individual tourist travellers. They get a general idea about the route of the railway, the topography and the sights in this part of the world. The map shows also the different time zones in this area. Additionally, with the help of the detailed city maps, travellers are able to orientate themselves for sightseeing.

Title: Area with urban character [29M9]

Type of material: Paper

Scale:

Dimensions of the sheet (width and height, in millimeters): 579 x 875

Author(s): Viktor Goebel, Gerhard Zbinden, Joel Gasche, Oliver Frey

Published by: Federal Statistical Office (FSO), ThemaKart, Neuchatel

Date published: 01/01/2014

Language(s) of the legend: German, French, Italian, English

Brief abstract or additional comments:

Thematic map of municipalities of Switzerland shows urban areas, divided in six units: principle core, secondary core, municipality in the commuting zone of agglomeration, municipality oriented to multiple cores, core municipality outside agglomeration, and rural municipality without urban character.

Title: City map of Bern for mobility-impaired people (Stadtplan von Bern für mobilitätsbehinderte Menschen) [29M10]

Type of material: Paper

Scale: 1 : 7 000

Dimensions of the sheet (width and height, in millimeters): 180 x 250

Author(s): Leane Blunshi, Andreas Coray, Benjamin Zbinden
Published by: Federal Office of Topography, swisstopo

Date published: 01/01/2015

Language(s) of the legend: German

Brief abstract or additional comments:

The project was realised by three trainees of swisstopo in conjunction with the "Behindertenkonferenz Stadt und Region Bern" (<http://www.brb-bern.ch/berncity.pdf>)

Title: Discover the old town of Bern by wheel chair (Die Altstadt Bern im Rollstuhl entdecken) [29M11]

Type of material: Paper

Scale: 1 : 2 200

Dimensions of the sheet (width and height, in millimeters): 1040 x 440

Author(s): Laura Junker, Sarah Kamber, Doris Locher, Regina Moser (ZHAW Winterthur)

Published by: Design: Hallwag Kummerly+Frey AG, CH-3322 Schonbuhl, Bern. Print: studiodruck.de

Date published: 01/12/2013

Language(s) of the legend: German

Brief abstract or additional comments:

Four ergo-therapists not only helped to design the map, but also tested it by using wheel chairs in the old town of Bern. They revealed the barriers and difficulties of people with a mobility handicap.

Title: Project "ResEau" – Map Ennedi [29M12]

Type of material: Paper

Scale: 1 : 500 000

Dimensions of the sheet (width and height, in millimeters): 930 x 650

Author(s): swisstopo

Published by: The United Nations Institute for Training and Research (UNITAR), UNOSAT, Swiss Agency for Development and Cooperation (SDC)

Date published: 25/06/2014

Language(s) of the legend: French

Brief abstract or additional comments:

Hydrogeological maps, Chad: The map, on a 1 : 500 000 scale, covers the entire area by assembling nine contiguous maps illustrating the

nature, location and relative productivity of the various regional aquifer reservoirs.

ATLASES

Title: Graphical and statistical Atlas of Switzerland 1914-2014 (Graphisch-statistischer Atlas der Schweiz 1914-2014) [29A1]

Number of pages: 128

Dimensions (width and height, in millimeters): 420 x 280

Author(s): Federal Statistical Office (FSO)

Published by: Federal Statistical Office (FSO)

Date published: 11/03/2015

Language(s) of the text: German, French

Brief abstract or additional comments:

On the occasion of the 100th publication anniversary of this impressive atlas, which is only difficult to obtain nowadays, the Federal Statistical Office decided to fully reproduce this work and make it available again to a broad and interested public. ISBN: 978-3-303-00525-5.

DIGITAL PRODUCTS

Title: Automatic generalisation of buildings [29D1]

Type: Sample or extracted from GIS

Format:

Software platform in which it is managed: ArcGIS

Author(s): Anna Vetter

Published by: Esri Suisse AG, Federal Office of Topography swisstopo, Vienna University of Technology

Date published or most recently updated: 28/11/2014

Nominal scale:

Language of the alphanumeric elements:

Brief abstract or additional comments:

The automatic generalisation of buildings whilst maintaining the settlement

structure: A case study based on the
1 : 50 000 Swiss National Map Series.

Title: Mapping and Analysing the Geography of Fiction with interactive Tools [29D2]

Type: Web

Format:

Software platform in which it is managed:

Author(s): Anne-Kathrin Weber, Barbara Piatti (ETH Zurich)

Published by: ETH Zurich

Date published or most recently updated:
01/01/2014

Nominal scale: various

Language of the alphanumeric elements:
German, English

Brief abstract or additional comments:

It all starts with the supposedly simple questions: Where is literature set and why there? Europe offers an abundant wealth of fictionalised landscapes and cities. The nascent research area of literary geography / literary cartography aims at visibly rendering such complex overlays of real and fictional geographies. Against this background that an interactive prototype of a "Literary Atlas of Europe" has been developed. www.literaturatlas.eu/en/

Title: Automatic Adjustment of Image Sharpness in Relief Shading [29D3]

Type: Sample or extracted from GIS

Format:

Software platform in which it is managed:
ArcGIS

Author(s): Marianna Serebryakova

Published by: Institute of Cartography and Geoinformation, ETH Zurich

Date published or most recently updated:
30/06/2014

Nominal scale:

Language of the alphanumeric elements:
English

Brief abstract or additional comments:

Relief shading is a technique to depict topography on maps in a way that it is intuitively understood by the user. While relief shading was traditionally performed manually,

nowadays digital elevation models are used as basis for analytical (i.e., automatic) relief shading methods. This Master thesis aims at the creation of a new method to perform automatic contrast adjustment in analytical relief shading. This is one of the core tasks of the Swiss-style relief shading and relies on applying the aerial perspective effect, which should contribute to imitating manual relief shading as close as possible. The new method was implemented in the ESRI ArcGIS environment, since currently there is no standardized method to employ atmospheric corrections in GIS. As a first step in developing a novel method, two existing approaches for analytical relief shading were implemented as ArcGIS Geoprocessing models using ArcGIS built-in functions, ModelBuilder and Python programming language.

Title: Analysis of complex geovisualizations (Erkenntniserfassung in komplexen Geovisualisierungen) [29D4]

Type: Master thesis

Format: JavaScript

Software platform in which it is managed:

Author(s): Manuel Datwyler

Published by: Institute of Geomatics Engineering, University of Applied Sciences and Arts Northwestern Switzerland FHNW

Date published or most recently updated:
01/01/2015

Nominal scale:

Language of the alphanumeric elements:
German

Brief abstract or additional comments:

Title: Thematic Mapper [29D5]

Type: Cartographic software for thematic maps

Format: OCAD vector files

Software platform in which it is managed:
OCAD

Author(s): Angeliki Tsorlini, Hubert Klausner

Published by: OCAD Inc.

Date published or most recently updated:
30/04/2105

Nominal scale:

Language of the alphanumeric elements:

English

Brief abstract or additional comments:

The main idea of this project is the development of a software in which the user will have the opportunity to create thematic maps through a guided procedure in form of Wizards, based on cartographic principles of thematic cartography. In OCAD Thematic Mapper Wizard, the special characteristics of the data will be defined by the user at the beginning of the procedure and according to them, the software will activate the suitable visualization methods for the specific data (e.g. proportional symbols, charts, choropleths etc.). In this way, the user is directed by the software to select an appropriate method avoiding mistakes during the map's construction.

EDUCATIONAL CARTOGRAPHIC PRODUCTS

**Title: Viewpoints –
Worldmapgenerator** [29E1]

Type: Web

Author(s): Julia Mia Stirnemann, Berne,
University of Applied Sciences (BFH)

Published by: www.worldmapgenerator.com/en

Date published: 01/01/2014

Brief abstract or additional comments:

Generate your world map... Do you think, that the north on a world map has to be "on top"? Do you know, if Greenland really is bigger than Australia? Does the "Western civilization" really lives in the west? How can you draw a route from Asia to Europe passing through the Arctic? Have you already constructed a world map? Click on "Da Vinci", "Journalist" or "Tourist" and generate your unique world map.

**Title: Literature maps
(Literaturlandkarten)** [29E2]

Type: Web

Author(s): Anne-Kathrin Weber, Barbara Piatti

Published by: Swiss embassy in Germany,

Leipzig book fair

Date published: 14/03/2014

Brief abstract or additional comments:

Six different interactive maps can be seen at <http://www.literatur-karten.ch/de/karten>.

**Title: SWISS WORLD ATLAS interactive
as web application - a prototype
realised by ArcGIS API for JavaScript**
[29E3]

Type: Web

Author(s): Barbara Born

Published by: Barbara Born, Institute of
Cartography and Geoinformation, ETH Zurich

Date published: 27/04/2014

Brief abstract or additional comments:

SWISS WORLD ATLAS interactive (SWAi), a free and interactive application, was released as a supplement for SWISS WORLD ATLAS (SWA). Using this platform-independent Java Web Start application is not always possible in schools due to partly insufficient privileges. In addition, SWAi cannot be started on numerous mobile devices, because they do not support Java. In order to make SWAi available for these devices the prototype of a web application is developed. It uses ArcGIS API for JavaScript and ArcGIS for Server. In contrast to the current SWAi this platform independent prototype can be used on mobile devices.

**Title: Development and evaluation
of ethno-electoral school maps of
Sub-Saharan Africa (Entwicklung
und Evaluation ethno-elektoraler
Schulkarten zu Subsahara-Afrika)**
[29E4]

Type: Master thesis

Author(s): Shirkou Moradi

Published by: Shirkou Moradi, Department of
Geography, University of Zurich

Date published: 30/01/2015

Brief abstract or additional comments:

**Title: Swiss Quiz - How well do you
know Switzerland? (SwissQuiz - Wie
gut kennst du die Schweiz?)** [29E5]

Type of material: cardboard

Author(s): Joel Gasche, Oliver Frey

Published by: Joel Gasche, Oliver Frey (Federal Statistical Office FSO)

Date published: 01/01/2014

Brief abstract or additional comments:
Board game

Title: Memory game - Structure types of thematic cartography by E. Imhof (Memory - Gefugetypen der Thematischen Kartografie nach E. Imhof) [29E6]

Type of material: Paper

Author(s): Joel Gasche, Oliver Frey

Published by: Joel Gasche, Oliver Frey (Federal Statistical Office FSO)

Date published: 01/01/2014

Brief abstract or additional comments:
Memory game - a mix and match game

TURKEY

MAPS

Title: Balikesir I19a2 [30M1]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 560 x 710

Author(s): General Command of Mapping (GCM)

Published by: General Command of Mapping (GCM)

Date published: 01/01/2015

Language(s) of the legend: Turkish, English

Brief abstract or additional comments:

K816 Series 1 : 25 000 scaled Standard

Topographic Maps are produced from Topographic database of GCM.

Title: Ankara I29b4 [30M2]

Type of material: Fabric

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 530 x 710

Author(s): General Command of Mapping (GCM)

Published by: General Command of Mapping (GCM)

Date published: 27/12/2013

Language(s) of the legend: Turkish, English

Brief abstract or additional comments:

K816 Series 1 : 25 000 scaled

Standard Topographic Maps can also be pressed on a fabric material.

Title: Istanbul Orthophoto [30M3]

Type of material: Paper

Scale: 1 : 30 000

Dimensions of the sheet (width and height, in millimeters): 900 x 1200

Author(s): General Command of Mapping (GCM)

Published by: General Command of Mapping (GCM)

Date published: 23/12/2011

Language(s) of the legend:

Brief abstract or additional comments:

Istanbul orthophoto is produced from aerial photos with a resolution of 45cm.

Title: Adana M34a [30M4]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 560 x 710

Author(s): General Command of Mapping (GCM)

Published by: General Command of Mapping (GCM)

Date published: 09/03/2015

Language(s) of the legend: Turkish, English

Brief abstract or additional comments:

K 716 Series 1 : 50 000 scaled Standard

Topographic Maps are produced through generalization of 1 : 25 000 scaled Standard Topographic Maps.

Title: Adana M34 [30M5]

Type of material: Paper

Scale: 1 : 100 000

Dimensions of the sheet (width and height, in millimeters): 560 x 710

Author(s): General Command of Mapping (GCM)

Published by: General Command of Mapping (GCM)

Date published: 11/03/2015

Language(s) of the legend: Turkish, English

Brief abstract or additional comments:

K 613 Series 1 : 100 000 scaled Standard

Topographic Maps are produced through generalization of 1 : 25 000 scaled Standard Topographic Maps.

Title: NJ37-12 [30M6]

Type of material: Paper

Scale: 1 : 250 000

Dimensions of the sheet (width and height, in millimeters): 700 x 550

Author(s): General Command of Mapping (GCM)
Published by: General Command of Mapping (GCM)
Date published: 14/02/2015
Language(s) of the legend: Turkish, English
Brief abstract or additional comments: JOG 1501 Series 1 : 250 000 scaled Standard Topographic Maps are produced through generalization of 1 : 100 000 scaled maps and use of Level 1 Vector Maps (VMAP).

Title: NJ37-12-A [30M7]
Type of material: Paper
Scale: 1 : 250 000
Dimensions of the sheet (width and height, in millimeters): 700 x 550
Author(s): General Command of Mapping (GCM)
Published by: General Command of Mapping (GCM)
Date published: 14/02/2015
Language(s) of the legend: Turkish, English
Brief abstract or additional comments: JOG 1501 Series 1 : 250 000 scaled Standard Topographic Maps are produced through generalization of 1 : 100 000 scaled maps and use of Level 1 Vector Maps (VMAP). Only aerial traffic information is added into this series of maps.

Title: NJ37-12-LTFCU [30M8]
Type of material: Paper
Scale: 1 : 250 000
Dimensions of the sheet (width and height, in millimeters): 700 x 550
Author(s): General Command of Mapping (GCM)
Published by: General Command of Mapping (GCM)
Date published: 14/02/2015
Language(s) of the legend: Turkish, English
Brief abstract or additional comments: With some supplementary flight information (Traffic Information Zone, Terminal Control Area, etc.), TFC(L)-TU Series 1 : 250 000 scaled Standard Topographic Maps are produced using similar techniques applied in JOG 1501 series maps.

Title: Evasion Chart [30M9]
Type of material: Tyvek
Scale: 1 : 250 000
Dimensions of the sheet (width and height, in millimeters): 700 x 1000
Author(s): General Command of Mapping (GCM)
Published by: General Command of Mapping (GCM)
Date published: 20/11/2014
Language(s) of the legend: Turkish, English
Brief abstract or additional comments: This special map is produced by using 1 : 250 000 scaled JOG Series Maps and additional data are collected from miscellaneous open sources.

Title: 1404 324-D [30M10]
Type of material: Paper
Scale: 1 : 500 000
Dimensions of the sheet (width and height, in millimeters): 700 x 600
Author(s): General Command of Mapping (GCM)
Published by: General Command of Mapping (GCM)
Date published: 16/11/2012
Language(s) of the legend: Turkish, English
Brief abstract or additional comments: JOG 1404 Series 1 : 500 000 scaled maps are produced through generalization of 1 : 250 000 scaled Standard Topographic Maps.

Title: SAC 324-D [30M11]
Type of material: Paper
Scale: 1 : 500 000
Dimensions of the sheet (width and height, in millimeters): 700 x 600
Author(s): General Command of Mapping (GCM)
Published by: General Command of Mapping (GCM)
Date published: 17/04/2014
Language(s) of the legend: Turkish, English
Brief abstract or additional comments: JOG SAC Series 1 : 500 000 scaled maps are produced through generalization of 1 : 250 000 scaled Standard Topographic

Maps. Only aerial traffic information is added into this series of maps.

Title: Turkey Plastic Relief Map [30M12]

Type of material: Plastic

Scale: 1 : 1 850 000

Dimensions of the sheet (width and height, in millimeters): 960 x 500

Author(s): General Command of Mapping (GCM)

Published by: General Command of Mapping (GCM)

Date published: 18/11/2007

Language(s) of the legend:

Brief abstract or additional comments:

This plastic relief map is produced from 1 : 1 850 scaled thematic map whose data is collected from miscellaneous sources like topographic maps, atlases, etc.

Title: Europe-Africa Thematic Map

[30M13]

Type of material: Paper

Scale: 1 : 12 000 000

Dimensions of the sheet (width and height, in millimeters): 960 x 640

Author(s): General Command of Mapping (GCM)

Published by: General Command of Mapping (GCM)

Date published: 02/12/2014

Language(s) of the legend: Turkish, English

Brief abstract or additional comments:

Thematic maps are produced by collecting data from miscellaneous sources like topographic maps, atlases, etc.

Title: World Thematic Map [30M14]

Type of material: Paper

Scale: 1 : 30 000 000

Dimensions of the sheet (width and height, in millimeters): 1390 x 910

Author(s): General Command of Mapping (GCM)

Published by: General Command of Mapping (GCM)

Date published: 09/12/2014

Language(s) of the legend: Turkish, English

Brief abstract or additional comments:

Thematic maps are produced by collecting data from miscellaneous sources like topographic maps, atlases, etc.

UKRAINE

MAPS

Title: Undivided Country. Mainland and Peninsula [31M1]

Type of material: Paper

Scale: 1 : 2 700 000, 1 : 5 400 000

Dimensions of the sheet (width and height, in millimeters): 960 x 660

Author(s): Dmytro Isaiev

Published by: SSPE "Kartographia"

Date published: 14/06/2014

Language(s) of the legend: Ukrainian

Brief abstract or additional comments:

From the series "Undivided country". It contains eight maps that show the historical connections between Ukraine and Crimea since the times of Kyivan Rus and until now.

Title: Undivided Country. Population and Territory [31M2]

Type of material: Paper

Scale: 1 : 5 000 000, 1 : 36 000 000, 1 : 30 000 000

Dimensions of the sheet (width and height, in millimeters): 960 x 660

Author(s): Dmytro Tykhomyrov

Published by: SSPE "Kartographia"

Date published: 14/06/2014

Language(s) of the legend: Ukrainian

Brief abstract or additional comments:

From the series "Undivided country". It contains 12 maps that illustrate the ethnic history of Ukraine since the beginning of Common Era till nowadays.

Title: Undivided Country. Ethnic Composition of Population [31M3]

Type of material: Paper

Scale: 1 : 650 000

Dimensions of the sheet (width and height, in millimeters): 960 x 660

Author(s): Victoria Molochko

Published by: SSPE "Kartographia"

Date published: 14/06/2014

Language(s) of the legend: Ukrainian

Brief abstract or additional comments:

From the series "Undivided country". It represents dissemination of ethnic groups that live close together on the territory of Ukraine. It contains diagrams that have been built using the official census data of 1900, 1926, 1959, 1970, 1979, 1989, 2001 years.

Title: Ukraine - Rus'. X-XII centuries [31M4]

Type of material: Paper

Scale: 1 : 1 500 000

Dimensions of the sheet (width and height, in millimeters): 960 x 660

Author(s): Lydia Khmara

Published by: SSPE "Kartographia"

Date published: 17/06/2014

Language(s) of the legend: Ukrainian

Brief abstract or additional comments:

The ancient objects of Kyivan Rus (boundaries and capital cities of principalities, towns that are listed in chronicles, places of nameless ancient settlements, positions of battles etc.) are shown on the map of today's Ukraine. City plans of ancient cities with reference to the modern street network are given on the back side of the map.

Title: China [31M5]

Type of material: Cardboard

Scale: 1 : 4 000 000

Dimensions of the sheet (width and height, in millimeters): 1580 x 1080

Author(s): Zhanna Bonk, Veronica Radchenko

Published by: SSPE "Kartographia"

Date published: 29/04/2015

Language(s) of the legend: Chinese

Brief abstract or additional comments:

Educational aid. It is used in studying of Chinese language. It shows UNESCO World Heritage List, natural reserves, historical, archeological and natural monuments, religious buildings, climatic and ski resorts etc. The map

is supplemented by illustrations. Geographical names in Chinese are repeated by Latin transcription (Pinyin).

Title: Political Map of the World [31M6]

Type of material: Cardboard

Scale: 1 : 22 000 000

Dimensions of the sheet (width and height, in millimeters): 1580 x 1080

Author(s): Zhanna Bonk, Veronica Radchenko

Published by: SSPE "Kartographia"

Date published: 17/03/2014

Language(s) of the legend: English

Brief abstract or additional comments:

ATLASES

Title: Portolanos for the Black Sea

[31A1]

Number of pages: 216

Dimensions (width and height, in millimeters): 320 x 235

Author(s): Anton Gordyeyev

Published by: SSPE "Kartographia"

Date published: 05/01/2015

Language(s) of the text: Ukrainian, English

Brief abstract or additional comments:

Popular science edition. It contains reproductions of ancient nautical charts for the Black and Azov Seas from 14-17 centuries.

Title: Following the Footsteps of the Great Kobzar [31A2]

Number of pages: 88

Dimensions (width and height, in millimeters): 235 x 330

Author(s): Lesia Veklych, Iryna Kopylova, Nadia Kryzhova

Published by: SSPE "Kartographia"

Date published: 17/02/2014

Language(s) of the text: Ukrainian

Brief abstract or additional comments:

Popular illustrated science edition. It contains detailed information about Taras Shevchenko, the Great Ukrainian poet and painter. Maps show the places, connected with his life and

work. Supplied by Shevchenko's works of art. Dedicated to his 200-birthday anniversary.

Title: Ukrainian Historic Towns Atlas.

Lviv [31A3]

Number of pages: 95

Dimensions (width and height, in millimeters): 300 x 426

Author(s): Myron Kapral and colleagues

Published by: SSPE "Kartographia"

Date published: 04/05/2014

Language(s) of the text: Ukrainian, English

Brief abstract or additional comments:

It includes 25 original maps of Lviv, 11 reconstructed maps and 6 views of the city. This is the first Ukrainian edition in the series of town atlases published under the aegis of the International Commission for the History of towns.

DIGITAL PRODUCTS

Title: Africa. Interactive Map [31D1]

Type: Multimedia CD-ROM

Format: Adobe Flash, ActiveX, HTML, jQuery, Win32API

Software platform in which it is managed:

SWF, MTASC, external libraries AutoltX3.dll, gdiplus.dll, glax.dll, wso.dll, Flash11.ocx

Author(s): Veronica Radchenko, Vitaliy Ostroukh

Published by: SSPE "Kartographia"

Date published or most recently updated:

08/06/2015

Nominal scale: 1 : 40 000 000 –

1 : 10 000 000

Language of the alphanumeric elements:

Ukrainian

Brief abstract or additional comments:

Electronic education aid for geography learning in 7th form. It contains map series for Africa. Maps are arranged as "layer by layer". Suitable for manipulation with different thematic layers and content editing.

Title: Geography of Ukraine.

Population and Economy [31D2]

Type: Multimedia CD-ROM

Format: Adobe Flash, ActiveX, HTML, jQuery, Win32API

Software platform in which it is managed:

SWF, MTASC, external libraries AutoItX3.dll, gdiplus.dll, glax.dll, wso.dll, Flash11.ocx

Author(s): Svitlana Kapustenko, Vitaliy Ostroukh

Published by: SSPE "Kartographia"

Date published or most recently updated:
17/06/2015

Nominal scale: 1 : 5 000 000 – 1 : 2 500 000

Language of the alphanumeric elements:

Ukrainian

Brief abstract or additional comments:

Electronic education aid for geography learning. It contains a lot of charts, maps, illustrations, and texts with animation which enables to simulate the actual situation.

**Title: Economical and Social
Geography of the World [31D3]**

Type: Multimedia CD-ROM

Format: Adobe Flash, ActiveX, HTML, jQuery, Win32API

Software platform in which it is managed:

SWF, MTASC, external libraries AutoItX3.dll, gdiplus.dll, glax.dll, wso.dll, Flash11.ocx

Author(s): Inna Yevropyina, Vitaliy Ostroukh

Published by: SSPE "Kartographia"

Date published or most recently updated:
12/07/2014

Nominal scale: 1 : 35 000 000 – 1 : 120 000 000

Language of the alphanumeric elements:

Ukrainian

Brief abstract or additional comments:

Electronic education aid for geography learning. It contains a lot of charts, maps, illustrations, and texts with animation which enables to simulate the actual situation.

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

MAPS

Title: Collins Children's World Map [32M1]

Type of material: Paper

Scale:

Dimensions of the sheet (width and height, in millimeters): 900 x 600

Author(s):

Published by: HarperCollins Publishers

Date published: 21/05/2015

Language(s) of the legend: English

Brief abstract or additional comments:

This highly illustrated pictorial map is designed to take children on a journey of discovery around the countries of the world. The mapping is clear, colourful and highly informative and shows countries and capital cities. Stunning illustrations are used to depict themes such as national emblems, customs, food, birds, animals, buildings and sports to help younger readers gain an understanding of peoples around the world.

Title: BEDMAP2 - Bed topography of the Antarctic [32M2]

Type of material: Paper

Scale: 1 : 10 000 000

Dimensions of the sheet (width and height, in millimeters): 1168 x 1190

Author(s): Peter Fretwell

Published by: British Antarctic Survey/Natural Environment Research Council

Date published: 01/04/2015

Language(s) of the legend: English

Brief abstract or additional comments:

BEDMAP2 is a major international collaboration to map the rock beneath the ice of Antarctica. Thirty-six international institutions contributed geophysical data, and these were merged, modelled and visualized to create a GIS dataset and 1 : 10 000 000 scale map. The map is the first

detailed topographic rendition of the sub-glacial, ice-rock interface of Antarctica; information essential for understanding future ice-loss, sea-level change and the tectonic evolution of Antarctica. Since publication in 2013 the GIS data and science paper have been downloaded over 20 000 times, and the map has been incorporated into the Times Atlas and several global datasets.

Title: Socio-Economic Tectonics [32M3]

Type of material: Paper

Scale: 1 : 160 000 000

Dimensions of the sheet (width and height, in millimeters): 914 x 1220

Author(s): Kenneth Field

Published by: Esri

Date published: 01/06/2015

Language(s) of the legend: English

Brief abstract or additional comments:

A large format poster displaying a range of key socio-economic indicators using a new thematic mapping method that focuses on adjacency relationships rather than areal values. The poster is designed as an eye-catching information graphic with small multiples used to depict a range of variables across 20 small-scale thematic maps. The focus is on the dissimilarity ratio between adjacent countries and is designed to offer an alternative to the choropleth which focuses on area symbolisation when, in fact, many of the important questions are about the between relationships.

Title: Discover The Western Isles [32M4]

Type of material: Paper

Scale: 1 : 140 000

Dimensions of the sheet (width and height, in millimeters): 594 x 840

Author(s): Footprint maps

Published by: Footprint maps (the imprint of Stirling Surveys)

Date published: 01/01/2015

Language(s) of the legend: English
Brief abstract or additional comments:
 Visitor map of the Western Isles of Scotland, from the Butt of Lewis to Barra Head. A new map based on OS Open data, with loads of additional information. Folds to compact pocket size. Represents excellent value for money at £6.95.

Title: Visitors map of Charnwood Forest Regional Park [32M5]

Type of material: Paper
Scale: 1 : 25 000
Dimensions of the sheet (width and height, in millimeters): 796 x 695
Author(s): Mary Spence MBE
Published by: Global Mapping
Date published: 01/03/2014
Language(s) of the legend: English
Brief abstract or additional comments:
 Charnwood Forest is part of the National Forest located between Leicester and Loughborough. It is a surprisingly rugged upland area, its ancient geology is of international significance and has given rise to an area of rich biodiversity and great landscape beauty. The map is ideal for walkers highlighting footpaths, permissive routes and public access land. It also shows long distance footpaths including the new National Forest Way which passes through the area. Two National Cycle Routes also pass through. The map is enhanced by information panels illustrated with attractive images giving a positive impression of the region.

Title: Historical Map of York about 1850 [32M6]

Type of material: Paper
Scale: 1 : 2 500
Dimensions of the sheet (width and height, in millimeters): 890 x 630
Author(s): Edited by Peter Addyman of the York Archaeological Trust and Giles Darkes of the Historic Towns Trust. Cartography by Chrissy Bond and Louisa Keyworth of Lovell Johns Ltd.
Published by: Old House Books
Date published: 01/07/2013
Language(s) of the legend: English
Brief abstract or additional comments:
 An historical map showing the city of York

as it was in about 1850, with the sites of the main medieval and post-medieval public buildings (both extant and lost) shown. The map also indicates inns and hotels and land-use, streets of medieval origin, and historic water courses. The reverse carries a descriptive gazetteer and introduction to the city's history and buildings. The map is an extract from the British Historic Towns atlas volume on the city, part of the European Historic Towns Atlas programme. The map won the Stanfords Award for Printed Mapping, and the BCS Award, 2014.

Title: Chart of the Night Sky [32M7]

Type of material: Paper
Scale:
Dimensions of the sheet (width and height, in millimeters): 455 x 935
Author(s): Mark Peterson
Published by: Global Mapping
Date published: 01/04/2014
Language(s) of the legend: English
Brief abstract or additional comments:
 The ideal introduction to stargazing, these charts are simple to use at any time of the year, anywhere in the world! Packed with information, help and advice, as well as detailed instructions to help you get a firm understanding of the Stars and Constellations. The Chart of the Night Sky map set accurately depicts the night sky as it appears everywhere in the populated world. With a little practice, stargazers of all ages can use these charts to locate and learn the names of stars, constellations and other fascinating objects in the heavens.

Title: 'Le Tour du Nord' splashmap [32M8]

Type of material: Made from a super special lightweight, breathable, durable and washable fabric
Scale:
Dimensions of the sheet (width and height, in millimeters): 760 x 760
Author(s): Steer Davies Gleave and Splashmaps
Published by: Spashmaps
Date published: 17/05/2014
Language(s) of the legend: English

Brief abstract or additional comments:

The congestion busting map series encourages spectators onto their bikes for the best vantage spots and contains the most essential points of interest for racegoers and legacy racers, and also aids visitors to access the best (and most inaccessible) locations to view the race by bicycle. 'Welcome to Yorkshire' had previously highlighted the green credentials of Le Tour and the importance of its legacy as the region benefits from international exposure. By providing an almost indestructible map with thoroughly researched and designed navigable detail the "Le Tour du Nord" SplashMaps helps achieve both these ambitions.

Title: The Dynamic World [32M9]

Type of material: Plastic

Scale:

Dimensions of the sheet (width and height, in millimeters):

Author(s): Samantha Hosking, Alan Smith

Published by: MBN Systems

Date published: 01/11/2014

Language(s) of the legend: English

Brief abstract or additional comments:

A '3D Interactive' World Map Postcard 250 Million Years in the making, watch our world develop from the Early Triassic period when there were just two major land masses- Pangea and Gondwana-into the present day arrangement. This simple postcard demonstrates very clearly plate tectonics and how the continents have drifted.

Title: Helensburgh [32M10]

Type of material: Paper

Scale:

Dimensions of the sheet (width and height, in millimeters): 594 x 420

Author(s): Euan Forrest

Published by: Visit Helensburgh

Date published: 01/07/2013

Language(s) of the legend: English

Brief abstract or additional comments:

Design as the centre page spread of a new tourist magazine, the map is based on Ordnance Survey Open Data, but is not to scale, with

the town centre being slightly magnified. 3D pictographs of important buildings were drawn from photographs. An enlarged version of the map has subsequently been commissioned by the Local Authority for display in the town centre. The map represents the author's first attempt at cartography and was Commended in the British Cartographic Society's New Map Maker Award.

ATLASES

Title: Times Comprehensive Atlas of the World: 14th edition [32A1]

Number of pages: 544

Dimensions (width and height, in millimeters): 310 x 450

Author(s): Collins Bartholomew

Published by: HarperCollins Publishers

Date published: 25/09/2014

Language(s) of the text: English

Brief abstract or additional comments:

The latest edition of the world's most prestigious and authoritative world atlas, containing up-to-date world maps and thematic information curated by experts in geography and cartography. Now in its fourteenth edition, the Times Comprehensive Atlas of the World continues to be the benchmark of cartographic excellence. The atlas is relied on and trusted by governments, media companies and international organizations around the world including the UN and the European Commission.

Title: Collins World Atlas: Reference edition [32A2]

Number of pages: 240

Dimensions (width and height, in millimeters): 226 x 312

Author(s): Collins Bartholomew

Published by: HarperCollins Publishers

Date published: 06/11/2014

Language(s) of the text: English

Brief abstract or additional comments:

A new, fully updated edition of this popular atlas in the stylish and authoritative Collins world atlas range. Designed in the distinctive Collins style, it

is the ideal reference atlas for school, home and business use. This is a great value world atlas with more place names and mapping than any other atlas at this price. This Collins World Atlas presents a complete view of the world, bringing it to life through innovative maps, stunning images and detailed content. It offers an exciting perspective on how the planet is made up, how it looks and how it works.

Title: **Atlas of Epidemic Britain. A Twentieth Century Picture** [32A3]

Number of pages: 207

Dimensions (width and height, in millimeters): 270 x 367

Author(s): Matthew Smallman-Raynor, Andrew Cliff

Published by: Oxford University Press

Date published: 01/07/2013

Language(s) of the text: English

Brief abstract or additional comments:

This full-colour Atlas views a century of change – the ebb and flow of infection – in Britain’s epidemic landscape. It maps and interprets the time–space tapestry woven in twentieth century Britain by the uneven retreat of some infectious diseases, the emergence of new infections and the re-emergence of certain historical plagues. Representative maps are accompanied by micrographs of the biological disease agents, illustrations of the environments in which they occur, the impacts they have had, and the pioneers who unravelled their life cycles. The text summarizes the epidemics each pathogen has caused, its current status, and the probability of control.

Author(s): Steer Davies Gleave

Published by: Swindon Travel Choices, Swindon Borough Council

Date published or most recently updated: 01/07/2013

Nominal scale:

Language of the alphanumeric elements: English

Brief abstract or additional comments:

<http://www.swindontravelchoices.co.uk/jplanner/>. The custom-made journey planner and map for Swindon Borough Council was created through Steer Davies Gleave’s support of ‘Swindon Travel Choices’ LSTF project, a new initiative to promote sustainable travel alternatives to employees working in Swindon town centre. Using OpenStreetMap (osm.org) data for routing as well as to create the stylised mapping consistent with all printed products, Steer Davies Gleave designed and developed an effective map base that was easy to understand in all the formats required. The cutting edge planner application is fully responsive to all devices, including smartphones and tablets, and provides multi-modal door-to-door travel options using ‘open source’ data. British Cartographic Society Avenza Award winner 2013.

Title: **William Smith’s Maps-Interactive Website** [32D2]

Type: Website

Format: ESRI File Geodatabase of georectified map images

Software platform in which it is managed:

ESRI ArcGIS Server and custom map viewer (JavaScript) running in all major browsers

Author(s): Peter Wigley (editor), Peter Dolan, Tom Sharpe, Hugh Torrens, Dave Williams, Neil Anderton, Christoph Schramm

Published by: UK Onshore Geophysical Library (UKOGL)

Date published or most recently updated: 23/03/2015

Nominal scale:

Language of the alphanumeric elements: English

Brief abstract or additional comments:

<http://www.strata-smith.com>. YouTube help

DIGITAL PRODUCTS

Title: **Swindon Journey Planner** [32D1]

Type: Website

Format: journey planner with interactive map layers and travel choice categories

Software platform in which it is managed:

Quantum GIS, ArcGIS and MapPublisher for data processing; TileMill/MapBox for map styling and tile production; Leaflet for combining map data. Hosted by Steer Davies Gleave.

video: http://youtube/nKu_aX9piB8. The website is in two parts, firstly 70 pages (CSS) describing the life and times of William Smith; secondly an interactive map viewer. The website contains the largest digital collection of William Smith's geology maps ever assembled (27 gigabytes). In the viewer historical maps can be compared with one another and also with modern base maps and other geological/geophysical layers. The viewer also displays Smith's geological sections and 3D animations from ArcScene, based on SRTM. The website is a free educational resource; celebrating the bicentennial of the first geological map. The website will be permanent and regularly updated by UKOGL.

Title: OceanRaster Premium [32D3]

Type: Website

Format: WMS, WMTS, TMS

Software platform in which it is managed:

Author(s):

Published by: OceanWise Limited

Date published or most recently updated:
14/04/2015

Nominal scale:

Language of the alphanumeric elements:
English

Brief abstract or additional comments:

Familiar Nautical Charts with the land removed enabling end-users to combine appropriate local land mapping to provide a seamless background display. Combined with OceanWise Marine Themes Digital Elevation Model to enhance the seabed features, these services provide a quick and familiar background for use in Web Mapping or direct into desktop GIS. Not available publicly as behind a secure login (www.oceanwise.eu).

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: Collins Student Atlas: 5th edition
[32E1]

Type: Atlas

Author(s): Collins Bartholomew

Published by: HarperCollins Publishers

Date published: 12/02/2015

Brief abstract or additional comments:

Completely new and extended edition of the best-selling Collins Student Atlas. The Atlas has been specifically designed for students aged 14-16, but its well-researched and uncluttered design makes it suitable for all students. This fifth edition has been extensively revised, updated and extended. It features up-to-date reference and thematic mapping, mapping skills, country-by-country statistics and a fully comprehensive index to all names appearing on reference maps.

Title: Collins First Atlas [32E2]

Type: Atlas

Author(s): Author(s) Collins Bartholomew

Published by: HarperCollins Publishers

Date published: 04/12/2014

Brief abstract or additional comments:

Collins First Atlas is a fun, vibrant and clear starter atlas for 4-6 year olds which provides an introduction to basic geographical and atlas vocabulary. This first atlas introduces the younger pupil to photographs and mapping of a local area. From this beginning the atlas gradually maps through regional, national, continental and world regions with global views of the wider world. Carefully selected map labels highlight certain countries or features which can be easily identified to illustrate the concept of mapping as it becomes more complex. All maps are supported with short informative text.

Title: Chile before Chile Exhibition
[32E3]

Type: Exhibition: online, printed to substrate over a painted aluminium, and within printed guidebook

Author(s): Clare Seldon, Gaggeroworks

Published by: Museum of pre-Columbian Art of Chile, Santiago

Date published: 01/12/2013

Brief abstract or additional comments:

The Chile before Chile exhibition is intended to celebrate the first human societies to inhabit the

territories that are now the Republic of Chile, drawing attention to their achievements, art and beliefs and connecting them with their legitimate descendants, the present-day indigenous peoples of Chile. The exhibition map was designed by Clare Seldon and Constanza Gaggero in collaboration with the museum to highlight the origin of artefacts within the exhibition. It is also a key part of the website and guidebook as the exhibition is categorised by geographical region.

<http://www.chileantesdechile.cl/en/>
<http://www.gaggeroworks.co.uk/63026/2372272/home/precolombino-museum->

UNITED KINGDOM

ORDNANCE SURVEY

MAPS

Title: Engineering the Glasgow 2014 Commonwealth Games [33M1]

Type of material: Paper

Scale: Various

Dimensions of the sheet (width and height, in millimeters): 1010 x 890

Author(s): Paul Naylor and Charley Glynn, CartoDesign, Ordnance Survey (GB)

Published by: Ordnance Survey (GB) and the Institution of Civil Engineers

Date published: 01/07/2014

Language(s) of the legend: English

Brief abstract or additional comments:

The map for schoolchildren and students, in partnership with ICE, showcases the work of civil engineers in delivering major sporting events – not just in building or converting the venues, but ensuring that Glasgow's water, waste, energy and transport networks could accommodate the extra million visitors – and Ordnance Survey's role in providing geographical information.

Over the year previous our surveyors had been capturing the changing landscape. Consuming this information via our vector product portfolio, we were able to create an accurate and detailed map, using colour to highlight the routes and locations of the Games and key transport links.

Title: Event marketing floor tiles [33M2]

Type of material: Plastic

Scale: 1 : 832

Dimensions of the sheet (width and height, in millimeters): 1000 x 1000 (one tile of a set totalling 4000 x 3000)

Author(s): Paul Naylor and Charley Glynn, CartoDesign, Ordnance Survey (GB)

Published by: Ordnance Survey (GB)

Date published: 01/10/2014

Language(s) of the legend: English

Brief abstract or additional comments:

A set of map floor tiles created to compliment Ordnance Survey stands at conferences and exhibitions of the financial services and insurance industry. The mapping is OS MasterMap which has been cartographically restyled. One tile is going to be shown on a panel.

Title: V3K Ultra Skyrun [33M3]

Type of material: Paper

Scale: 1 : 25 000

Dimensions of the sheet (width and height, in millimeters): 890 x 1000

Author(s): Christopher Wesson, CartoDesign, Ordnance Survey (GB)

Published by: Ordnance Survey (GB)

Date published: 01/05/2014

Language(s) of the legend: English

Brief abstract or additional comments:

We were approached by athletes preparing for a 55km running race across the highest mountains of North Wales. To help them plan and navigate their route we designed a paper map depicting the route and topography along the 'ultra' course. Another version was later created for the race to better fit the runners' needs with practicality becoming far more critical than presentation. This was achieved by using a more compact sheet size at a slightly smaller scale, changing the route style to suit dim light conditions and moving all marker symbols, etc. out of the path of the route itself.

Title: Off-road Cycle Trail: 21 Fritham [33M4]

Type of material: Paper

Scale: 1 : 50 000

Dimensions of the sheet (width and height, in millimeters): 297 x 210 (double sided)

Author(s): Mark Wolstenholme, Ordnance Survey (GB)

Published by: Ordnance Survey (GB) and Hampshire County Council

Date published: 01/07/2014

Language(s) of the legend: English

Brief abstract or additional comments:

To test the market for a new product, OS released a series of off-road cycle trail maps for Hampshire. Known cycle routes suitable for activity customers are shown over a base of our existing colour raster products. Paper copies were published in four geographical area packs or bundles, and individual route maps were also offered as PDF download. This Fritham sheet showing a strenuous 18 mile cycle trail is one such example and is from the Off-road Cycle Trails Hampshire South Pack around the New Forest. The difficulty and length of the routes vary and some also display route-shortening options.

Title: How to Find Us [33M5]

Type of material: Paper

Scale: Various

Dimensions of the sheet (width and height, in millimeters): 297 x 210

Author(s): Christopher Wesson, CartoDesign, Ordnance Survey (GB)

Published by: Ordnance Survey (GB)

Date published: 01/05/2015

Language(s) of the legend: English

Brief abstract or additional comments:

A set of location maps, also available online, to show visitors how to find our headquarters at Ordnance Survey, Southampton. Unlike previous and other organisation's location maps, we wanted to focus more heavily on the important information to the user, in this case transport links, routes and journey times to and from our main offices and where to go on arrival. As a national mapping agency it was also important for us to show this information both clearly and in a common style.

Title: Go! Rhinos [33M6]

Type of material: Paper

Scale: 1 : 6 000

Dimensions of the sheet (width and height, in millimeters): 297 x 420

Author(s): Charley Glynn and Paul Naylor, CartoDesign, Ordnance Survey (GB)

Published by: Marwell Wildlife

Date published: 01/06/2013

Language(s) of the legend: English

Brief abstract or additional comments:

For 10 weeks throughout the summer of 2013 Marwell Wildlife's Go! Rhinos colourful sculptures inhabited the streets of Southampton in a mass public art event, showcasing the wealth of artistic talent in the area, promoting some of the city landmarks and highlighting the significant conservation threat facing wild rhinos. The sculptures were subsequently auctioned off for local charities. We supplied a map and cartographic style to Marwell Wildlife for the trail. Marwell Wildlife then added their own information and created this official trail map, of which 35 000 copies were printed.

Title: PSMA Eventbrite location maps [33M7]

Type of material: Online (but exhibited on paper)

Scale: Various

Dimensions of the sheet (width and height, in millimeters): 320 x 320

Author(s): Christopher Wesson, CartoDesign, Ordnance Survey (GB)

Published by: Ordnance Survey (GB)

Date published: 01/06/2014

Language(s) of the legend: English

Brief abstract or additional comments:

A set of location maps to direct our Public Sector Mapping Agreement customers to their member events across the country. Our events of this nature tend to be communicated on the website Eventbrite which has a maximum image upload width and defaults to Google Maps for location. We prefer to rely on our own map data and so create bespoke mapping. The small size makes cartography tricky, so we keep them simple and for each event we try to match the cartographic style and colour scheme to the event branding and/or logo; in this case the PSMA user group.

DIGITAL PRODUCTS

Title: OS MasterMap River Network and OS Open Rivers [33D1]

Type: Network map data

Format: GML, ESRI shapefile (OS Open Rivers only) (exhibited by video)

Software platform in which it is managed: Various

Author(s): Ordnance Survey (GB)

Published by: Ordnance Survey (GB)

Date published or most recently updated: 24/03/2015

Nominal scale: We recommend viewing between 1 : 100 and 1 : 150 000 for maximum legibility.

Language of the alphanumeric elements: English

Brief abstract or additional comments:

A digital representation of watercourses presented as a series of connected centrelines, the river network is set to enhance significantly the systems our customers use to manage waterways, rivers and the flood risks they pose. Both products are supplied with a plug and play cartographic stylesheet.

Title: OS MasterMap Highways and OS Open Roads [33D2]

Type: Network map data

Format: GML, ESRI shapefile (OS Open Roads only) (exhibited by video)

Software platform in which it is managed: Various

Author(s): Ordnance Survey (GB)

Published by: Ordnance Survey (GB)

Date published or most recently updated: 23/03/2015

Nominal scale: We recommend viewing between 1 : 100 and 1 : 150 000 for maximum legibility.

Language of the alphanumeric elements: English

Brief abstract or additional comments:

A digital representation of roads presented as a series of connected centrelines, the road network is set to enhance significantly the systems our customers use to work with road-related data. Both products are supplied with a plug and play cartographic stylesheet.

Title: OS Maps [33D3]

Type: Web map service

Format: WMS (exhibited by video)

Software platform in which it is managed: Mapbox

Author(s): Ordnance Survey (GB)

Published by: Ordnance Survey (GB)

Date published or most recently updated: 01/05/2015

Nominal scale: Any

Language of the alphanumeric elements: English

Brief abstract or additional comments:

OS Maps is a web map service and mobile application aimed to be better for the outdoor leisure. It contains a new, consistently-styled, consumer zoom stack as well as traditional OS raster products. It also has search functionality using our own gazetteer. In the app, areas of mapping can be downloaded to be viewed offline, including zooming. The website allows route plotting and recording, offering height profiles, etc. which can be uploaded to a mobile phone. Also 'smart maps' allows the user to view purchased paper maps within the app, via download, with insets repositioned to their correct geographical location.

Title: The Grandest Views: Mayson's model [33D4]

Type: 3D Model

Format: Public exhibition (exhibited here as a video)

Software platform in which it is managed: Various

Author(s): Gary Priestnall et al, University of Nottingham; Ordnance Survey

Published by: University of Nottingham

Date published or most recently updated: 09/02/2015

Nominal scale: N/A

Language of the alphanumeric elements: English

Brief abstract or additional comments:

Commissioned in 1875, Henry Mayson's Ordnance Model of the Lake District offered an unprecedented overview of the landscape

they were about to explore. It was based 'mathematically' on Ordnance Survey maps. It was displayed in Keswick until the 1970s but attempts to trace the remains of the model have failed. When a large number of negative moulds were recovered from storage in 2013 the University of Nottingham set out to explore the creation of the model and its role as a visitor experience. The work brought together expertise from the university and OS in 3D scanning, GI processing, and 3D fabrication.

OTHER CARTOGRAPHIC PRODUCTS

Title: Event marketing floor tiles [3301]

Type of material: Plastic

Scale: 1 : 832

Dimensions of the sheet (width and height, in millimeters): 4000 x 3000

Author(s): Paul Naylor and Charley Glynn, CartoDesign, Ordnance Survey (GB)

Published by: Ordnance Survey (GB)

Date published: 01/10/2014

Language(s) of the legend: English

Brief abstract or additional comments:

A set of map floor tiles created to compliment Ordnance Survey stands at conferences and exhibitions of the financial services and insurance industry. The mapping is OS MasterMap which has been cartographically restyled. To be shown on the floor by Ordnance Survey's map panels at the exhibition area.

UNITED STATES OF AMERICA

MAPS

Title: Congressional Districts of the 114th Congress of the United States [34M1]

Type of material: Paper

Scale: 1 : 5 000 000

Dimensions of the sheet (width and height, in millimeters): 908 x 673

Author(s): Douglas Lockhart

Published by: U.S. Census Bureau

Date published: 01/03/2015

Language(s) of the legend: English

Brief abstract or additional comments:

This wall map depicts congressional district boundaries in effect for the 114th Congress of the United States (January 2015-2017). The map includes county names and boundaries for each state, the District of Columbia, Puerto Rico, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and U.S. Virgin Islands. The map also includes a listing of the names of all members of the 114th Congress, as of February 10, 2015. This map is available in PDF format at the following web site: www.census.gov/geo/maps-data/maps/reference-cd114.html. The map on display here has been reduced from its original size.

Title: 114th Congressional District Wall Map of New York [34M2]

Type of material: Paper

Scale: 1 : 975 000; inset – 1 : 350 000

Dimensions of the sheet (width and height, in millimeters): 908 x 613

Author(s): U.S. Census Bureau

Published by: U.S. Census Bureau

Date published: 01/01/2015

Language(s) of the legend: English

Brief abstract or additional comments:

This map is part of a series of state-based reference maps that display the congressional district boundaries and related geographies in effect for the 114th Congress of the United

States (January 2015-2017). Congressional districts are portrayed with unique adjacent colors, while other geographies and features provide locational context. American Indian Reservations in New York are listed by congressional district. This map also includes a locator map and profile information for New York based on the 2010 Census. This series of maps is available in PDF format at the following web site: www.census.gov/geo/maps-data/maps/reference-cd114.html. The map on display here has been reduced from its original size.

Title: 114th Congressional District Wall Map of New York's 27th District [34M3]

Type of material: Paper

Scale: 1 : 270 000

Dimensions of the sheet (width and height, in millimeters): 908 x 613

Author(s): U.S. Census Bureau

Published by: U.S. Census Bureau

Date published: 01/01/2015

Language(s) of the legend: English

Brief abstract or additional comments:

This map is part of a series of congressional district-based reference maps that display the congressional district boundaries and related geographies in effect for the 114th Congress of the United States (January 2015-2017). The subject congressional district and its included geographies and features are visually emphasized, while exterior geographies and features provide locational context. This map also includes a locator map, a map portraying change in tract population, and profile information for the district based on the 2010 Census. This series of maps is available in PDF format at the following web site: www.census.gov/geo/maps-data/maps/reference-cd114.html. The map on display here has been reduced from its original size.

Title: Metropolitan and Micropolitan Statistical Areas of the United States and Puerto Rico [34M4]

Type of material: Paper

Scale: 1 : 4 000 000

Dimensions of the sheet (width and height, in millimeters): 960 x 623

Author(s): Mike DeGennaro

Published by: U.S. Census Bureau

Date published: 01/02/2014

Language(s) of the legend: English

Brief abstract or additional comments:

This map shows metropolitan and micropolitan statistical areas, collectively referred to as "core based statistical areas" (CBSAs), metropolitan divisions, and their component counties based on the February, 2013 definitions for the United States and Puerto Rico. This map is available in PDF format at the following web site: www.census.gov/geo/maps-data/maps/cbsacs.html. The map on display here has been reduced from its original size.

Title: Combined Statistical Areas of the United States and Puerto Rico

[34M5]

Type of material: Paper

Scale: 1 : 4 000 000

Dimensions of the sheet (width and height, in millimeters): 960 x 623

Author(s): Mike DeGennaro

Published by: U.S. Census Bureau

Date published: 01/02/2014

Language(s) of the legend: English

Brief abstract or additional comments:

This map shows combined statistical areas, and identifies their component metropolitan, and micropolitan statistical areas for the United States and Puerto Rico. Metropolitan and micropolitan statistical areas, which fall outside of combined statistical areas, are also identified. This map is available in PDF format at the following web site: www.census.gov/geo/maps-data/maps/cbsacs.html. The map on display here has been reduced from its original size.

Title: Maryland: Population Density and Mean Centers of Population: 2010; Maryland Mean Center of Population 1880 to 2010 [34M6]

Type of material: Paper

Scale: 1 : 875 000; inset – 1 : 110 000

Dimensions of the sheet (width and height, in millimeters): 508 x 406

Author(s): Amanda Moritz

Published by: U.S. Census Bureau

Date published: 01/10/2013

Language(s) of the legend: English

Brief abstract or additional comments:

This map is an illustration of the population density and mean centers of population for the state of Maryland. The main map depicts the population density (people per square mile) in 2010 by census tract. Orange triangles symbolize the mean center of population for each county and the county seats are labeled. The inset depicts the mean center of population for the entire state from 1880 to 2010. Major interstates, county names, and place names provide orientation to the viewer. Latitude and longitude coordinates of the mean center of population are provided for each year.

Title: Maps to Support the 2012 American Community Survey Brief Publications [34M7]

Type of material: Paper

Scale: Multiple

Dimensions of the sheet (width and height, in millimeters): 713 x 950

Author(s): Amanda Moritz

Published by: U.S. Census Bureau

Date published: 01/05/2014

Language(s) of the legend: English

Brief abstract or additional comments:

These thematic maps represent data collected through the U.S. Census Bureau's American Community Survey (ACS). The ACS is an ongoing survey that provides data yearly so communities can appropriately allocate funding for services in their area. Information like age, race, education, and disabilities collected from the survey helps federal and state government agencies distribute \$400 billion annually. The information on this poster contains data collected through the ACS from 2000 to 2012 regarding Poverty, Household Income, Noncitizens Under Age 35, Health Insurance, and Home Value and Homeownership Rates. These maps are available in PDF format at the following web site: www.census.gov/library/publications.html.

Title: 2012 Economic Census – Reference Maps [34M8]**Type of material:** Paper**Scale:** Multiple**Dimensions of the sheet (width and height, in millimeters):** 713 x 950**Author(s):** U.S. Census Bureau**Published by:** U.S. Census Bureau**Date published:** 01/04/2014**Language(s) of the legend:** English**Brief abstract or additional comments:**

The Economic Census, conducted by the U.S. Census Bureau, is the U.S. Government's official five-year measure of American business and the economy. These maps are individual examples from the reference map suite prepared to accompany the scheduled data releases by geographic type including nation, states and statistical equivalents, counties and statistical equivalents, metropolitan areas (CSAs and CBSAs), and economic places. These maps are available in PDF format at the following web site: www.census.gov/econ/census/help/geography/.

Title: The Nova Forma Urbis Romae [34M9]**Type of material:** Paper**Scale:** 1 : 4 000**Dimensions of the sheet (width and height, in millimeters):** 1750 x 1150**Author(s):** James Tice, Professor, University of Oregon; Erik Steiner, Creative Director Spatial History Project, Stanford University; Allan Ceen, Director, Studium Urbis, Rome; Nicola Camerlenghi, Assistant Professor, Dartmouth College; Giovanni Svevo, national director of the Associazione Nazionale Archeologi; Student Assistants: Lauren Hoffman, Kelly Mabry, David Cho, Anna Ponting, Ashleigh Wais, Lucas Dube**Published by:** University of Oregon**Date published:** 01/01/2015**Language(s) of the legend:** English, Italian**Brief abstract or additional comments:**

Initiated four years ago, the Nova Forma Urbis Romae is a meticulously hand-vectorized update to the cartographic masterpiece Forma Urbis Romae published in 1901 by archeologist

Rodolfo Lanciani (1845-1929). This capacious map shows building by building detail and captures over two thousand years of continuous urban development in Rome, representing epochs as a series of color-coded layers. The Nova Forma Urbis is the centerpiece of our digital application currently in development on the spatial history of the city that will also include a wealth of new geo-referenced tabular, textual and visual information for scholars, students, and enthusiasts of Rome.

Title: Cartograms of per capital annual maximum pesticide exposure in the Contiguous United States from 1992 to 2009 [34M10]**Type of material:** Paper**Scale:** N/A - area cartogram**Dimensions of the sheet (width and height, in millimeters):** 180 x 163**Author(s):** Mingshu Wang**Published by:** Environment and Planning A (ISSN 0308-518X (print) 1472-3409 (electronic))**Date published:** 11/02/2015**Language(s) of the legend:** English**Brief abstract or additional comments:**

Modern agriculture in the U.S. is only made possible by the use of pesticides. However, the extensive application of pesticides poses severely adverse impact to both the environment and human health. This map explores the two most commonly applied pesticides at county level of the Contiguous United States from 1992 to 2009. Cartograms are used to reveal per capita pesticide exposure of the top two pesticides (Area of each county is proportional to kg per capita).

Title: The Asheville Map [34M11]**Type of material:** Paper**Scale:** 1 : 7 920 and 1 : 55 440**Dimensions of the sheet (width and height, in millimeters):** 560 x 430**Author(s):** Bruce Daniel, Nora Daniel**Published by:** Best Local Map**Date published:** 01/10/2013**Language(s) of the legend:** English**Brief abstract or additional comments:**

An accurate, attractive paper map of the Asheville, NC area for visitors and residents, showing topography, streets, landmarks and points of interest. The map highlights some of the unique, quirky qualities of the area. Smart Corners™ on the map feature graphically embedded QR codes that access a curated digital guide to local points of interest. Each map sold benefits a local food bank by providing funds for more than a meal. Cartographic content was assembled from public city, county, state, and federal data, along with proprietary content. GIS data was imported and styled in Adobe Illustrator and Photoshop.

Title: Evening in California: 8:00 pm, Summer Solstice [34M12]

Type of material: Paper

Scale: 1 : 1 900 000

Dimensions of the sheet (width and height, in millimeters): 600 x 700

Author(s): David Imus

Published by: Imus Geographics

Date published: 01/03/2015

Language(s) of the legend: English

Brief abstract or additional comments:

As the sun sets on Los Angeles, a rosy glow fills the central valley and deep shadows drape the eastern Sierra Nevada. To the north in Redwood National Park, the sun will shine for nearly another hour. This is the light I have tried to reflect with Evening in California. On this map, changing colors and fading light produce an impression of earth curvature.

Title: Africa Travel Reference Map [34M13]

Type of material: Paper

Scale: 1 : 5 000 000

Dimensions of the sheet (width and height, in millimeters): 990 x 1700

Author(s): Lan Joyce, Head of Cartography, ITMB

Published by: ITMB Publishing

Date published: 01/01/2015

Language(s) of the legend: English

Brief abstract or additional comments:

Africa has been rather poorly treated

cartographically. Few countries have survey mapping authorities or enough of an infrastructure to develop detailed mapping. ITMB has been mapping individual countries on the continent for a quarter century, but schematically. With improved technology, it is now possible to portray the entire continent as a digital data base compilation of information. This creates both a framework for mapping the continent as a whole and for expanding the scale to map regions of the continent and, ultimately, the larger countries – accurately, precisely, and attractively. Our purpose is to use this map to promote tourism to the continent.

Title: In Case of Volcanic Eruption, Run! Estimated Travel Time of Mudflows at Mount Hood, Oregon [34M14]

Type of material: Paper

Scale: N/A panorama

Dimensions of the sheet (width and height, in millimeters): 762 x 610

Author(s): Charles Preppernau

Published by: Journal of Maps

Date published: 24/09/2014

Language(s) of the legend: English

Brief abstract or additional comments:

This map was created for a study that tested the effectiveness of 3d perspective maps vs. 2D topographic maps for communicating volcanic hazards at Mount Hood, Oregon. The map shows the extent and minimum travel time of volcanic mudflows, or lahars. The terrain is a mosaic of multiresolution terrain tiles from NED data with draped NAIP orthoimagery, subjected to progressive terrain bending. Vector line features were converted to 3D tubes and rendered with the 3D scene to avoid some of the limitations of line features on 3D maps. Lahar travel times were computed with the model used by the USGS.

ATLASES

Title: Wyoming Student Atlas [34A1]

Number of pages: 55

Dimensions (width and height, in

millimeters): 229 x 305

Author(s): Hamerlinck, J.D., Webster, G.R. and Berendsen, M.E.

Published by: University of Wyoming

Date published: 01/11/2014

Language(s) of the text: English

Brief abstract or additional comments:

The purpose of the Wyoming Student Atlas is to provide students and teachers with resources that will aid in learning more about Wyoming geography while at the same time increasing students' spatial awareness and critical thinking skills. The Atlas contains over 100 full color maps along with a section of map reading skills and numerous photographs, charts and tables. It is being distributed to all Wyoming elementary and junior high classrooms that teach geography as part of their curricula, as well as school and county libraries in the state.

Title: Route 66: The Mother Road Travel Atlas [34A2]

Number of pages: 65

Dimensions (width and height, in millimeters): 140 x 210

Author(s): Lan Joyce, Head of Cartography, ITMB

Published by: ITMB Publishing

Date published: 01/01/2015

Language(s) of the text: English

Brief abstract or additional comments:

US highway 66 was an extremely important arterial road in the early part of the last century in the USA. It was the first semitranscontinental roadway built initially as a wagon road joining the end of rail lines at Chicago with the rapidly settling territories being annexed to the expanding USA in the 1860s and reaching to Los Angeles. It was gradually paved and refined and became both the major migrant route followed by settlers heading for California and the major military route to the west coast. Route 66's fame mushroomed in the 1930s and 1940s as individual Americans embraced the automobile as a means of travel. New concepts of campgrounds, motels, diners and roadside attractions redefined America. The actual highway no longer exists, replaced by

motorways, but the route can still be explored, following Historic Route 66 road signs in brown. It is extremely popular for nostalgia buffs and a great way to discover what America really means.

Title: Historical Atlas of Maine [34A3]

Number of pages: 208

Dimensions (width and height, in millimeters): 368 x 260

Author(s): Stephen J. Hornsby and Richard W. Judd (editors), Michael J. Hermann (cartographic designer)

Published by: University of Maine Press

Date published: 01/01/2015

Language(s) of the text: English

Brief abstract or additional comments:

After more than a decade of extensive research, the Historical Atlas of Maine presents in cartographic form the historical geography of Maine from the end of the last ice age to the year 2000. Organized in four chronological sections, the Atlas tells the principal stories of the many people who have lived in Maine over the past 13,000 years. The Atlas covers the history of Native peoples, European exploration and settlement, the American Revolution, Maine statehood, industrial development, and the rise of tourism and environmental awareness. To tell these stories, the Atlas presents a rich array of newly created maps, historical maps, paintings, graphs, and text.

DIGITAL PRODUCTS

Title: A Year In The Life Of Earth's CO² [34D1]

Type: Website

Format: Link to a web map

Software platform in which it is managed: Firefox, Safari, Google Chrome

Author(s): Bernhard Jenny (Oregon State University), Bojan Šavrič (Oregon State University), Johannes Liem (Oregon State University), William M. Putman (NASA), Kayvon Sharghi (USRA), Aaron E. Lepsch (ADNET Systems, Inc.), Patrick Lynch (Wyle Information

Systems)

Published by: Cartography and Geovisualization Group, College of Earth, Ocean, and Atmospheric Sciences, Oregon State University

Date published or most recently updated: 27/12/2014

Nominal scale: Small and middle scale

Language of the alphanumeric elements: English

Brief abstract or additional comments:

The interactive video map shows how carbon dioxide in the atmosphere travels around the globe between January and December 2006. The simulation illustrates differences in carbon dioxide levels and distinct swings in global carbon dioxide concentrations as the growth cycle of plants and trees changes with the seasons. The carbon dioxide visualization was created by scientists at NASA Goddard Space Flight Center. Cartographers at Oregon State University created an interactive video map with a rotatable and zoomable equal-area projection. The map offers spatial and temporal navigation, and includes narration. It is based on WebGL, HTML5 Video and HTML5 Canvas.

Title: The Atlas of Infectious Diseases [34D2]

Type: Interactive digital atlas

Format: iBook

Software platform in which it is managed:

iBooks software on an iPad or Mac computer

Author(s): Brooke Marston, Meagan Atkinson, Greg Berardinelli, Michael Bloom, Yamilette Colón Almodóvar, James Eynard, Mallory Feagans, Cody Hackney, Edward Helderop, Olivia Hollenhorst, George J. Kleinknecht, Aspen Mathias, Jose Montero, Paul Platosh, Lucy Romero, and Bernhard Jenny

Published by: Cartography and Geovisualization, College of Earth, Ocean, and Atmospheric Sciences, Oregon State University

Date published or most recently updated: 01/06/2014

Nominal scale: various

Language of the alphanumeric elements: English

Brief abstract or additional comments:

The Atlas of Infectious Diseases, created by Cartography students at Oregon State University, provides a view of the past and current state of a broad range of infectious diseases. The four chapters of the Atlas of Infectious Diseases for iPads showcase aspects of select infectious diseases, both historic and emerging, through interactive maps. The first chapter provides a broad history of several diseases. The second chapter touches on socioeconomics and healthcare availability. The third chapter explains select infectious disease in depth, including their discovery, transmission, management, and mortality rates. The fourth chapter documents the history of immunization for select infectious diseases. Download link: <http://cartography.oregonstate.edu/AtlasOfInfectiousDiseases.html>

EDUCATIONAL CARTOGRAPHIC PRODUCTS

Title: Educational Map of the World [34E1]

Type: Map

Author(s): Lan Joyce, ITMB

Published by: ITMB Publishing

Date published: 01/01/2013

Brief abstract or additional comments:

Most educators decry the lack of geographical and political awareness of young people. It is very difficult to interest youngsters in Brazil when few are old enough even to conceptualize America. This educational tool is actually two maps – one with country names shown, along with some cities, and the other with the same artwork but without the countries being named. This is product designed for young people, and is cartographically correct, with individual countries shown in different colors. The teacher/adult would show the child the named map and ask the student to remember all the names. The teacher would then replace that map with the

un-named map and ask the youngster to find something easy, like Canada or China. Usually, the student cannot do so, so the teacher gives the named map to the student. The un-named map is then provided again and the student can usually pick out some countries. The intent is to make learning fun as well as easy.

OTHER CARTOGRAPHIC PRODUCTS

Title: Monsters of the United States

[3401]

Material: Digital scan of an original made with watercolor paper, ink, and wash

Author(s): Chelsea Nestel

Published by: Chelsea Nestel

Date published: 01/01/2015

Brief abstract or additional comments:

This map shows mythical monsters native to each of the 48 contiguous United States. The goal of the map is to inform map viewers about American cryptozoology and to stimulate conversations about the monsters native to each state.

UNITED STATES OF AMERICA

U. S. GEOLOGICAL SURVEY

MAPS

Title: US Topo Tumwater, WA [35M1]

Type of material: Paper

Scale: 1 : 24 000

Dimensions of the sheet (width and height, in millimeters): 578 x 737

Author(s): U.S. Geological Survey

Published by: U.S. Geological Survey

Date published: 01/01/2015

Language(s) of the legend: English

Brief abstract or additional comments:

1) US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). These maps are modeled on the 7.5-minute quadrangle maps of the period 1947-late 1990s, but are mass-produced from national GIS databases on a repeating cycle. This map represents Tumwater, Washington, United States. The Tumwater 1997 map was published at a scale of 1 : 24 000 as part of the USGS topographic map series.

Title: US Topo Tumwater, WA [35M2]

Type of material: Paper

Scale: 1 : 24 000

Dimensions of the sheet (width and height, in millimeters): 578 x 737

Author(s): U.S. Geological Survey

Published by: U.S. Geological Survey

Date published: 01/01/2015

Language(s) of the legend: English

Brief abstract or additional comments:

2) US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). These maps are modeled on the 7.5-minute quadrangle maps of the period 1947-late 1990s, but are mass-produced from national GIS databases on a repeating cycle. This map represents Tumwater, Washington, United States. It is a 2011 US Topo quadrangle map published at a level of

detail equivalent to the 1 : 24 000-scale USGS topographic map series. The map was created from an early digital US Topo product distributed by the USGS in layered GeoPDF format.

Title: US Topo Tumwater, WA [35M3]

Type of material: Paper

Scale: 1 : 24 000

Dimensions of the sheet (width and height, in millimeters): 578 x 737

Author(s): U.S. Geological Survey

Published by: U.S. Geological Survey

Date published: 01/01/2015

Language(s) of the legend: English

Brief abstract or additional comments:

3) US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). These maps are modeled on the 7.5-minute quadrangle maps of the period 1947-late 1990s, but are mass-produced from national GIS databases on a repeating cycle. This map represents Tumwater, Washington, United States. It is a 2014 US Topo quadrangle map published at a level of detail equivalent to the 1 : 24 000-scale USGS topographic map series. The content has been updated on this map since the 2011 US Topo and the map shows the updated cartography characteristic of more recent US Topo products.

Title: Change Data in a US Topo Map [35M4]

Type of material: Paper

Scale: 1 : 24 000

Dimensions of the sheet (width and height, in millimeters): 914 x 1219

Author(s): Andrew J. Stauffer; Kristin A. Fishburn; Kristina H. Yamamoto

Published by: U.S. Geological Survey

Date published: 01/01/2015

Language(s) of the legend: English

Brief abstract or additional comments:

The U.S. Geological Survey is evaluating change detection tools and processes to help minimize resources associated with maintaining 1 : 24 000-scale US Topo maps. When data changes, the current instance of a feature is compared to the feature at the time it was last published. The degree and significance of change is evaluated across datasets within a single map footprint. A map is scheduled for revision only if the total change found is greater than a predetermined threshold. This poster will show how change data displayed on a US Topo Map can help determine revision and republication decisions.

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