



International Cartographic Association
Association Cartographique Internationale

Commission Report to the ICA Executive Committee

Commission: WG on Digital Transformation of NMA
Date of report: 15/07/2023
Period of report: 08/2022 - 07/2023
Name of reporter: Bin Jiang and Juha Oksanen
EC liaison: Tim Trainor

General Remarks:

The report should focus on major events and generally not exceed 1.5 pages incl. photos and links. Activities to be reported may fall into the following categories, but should either be (co)initiated by your commission or reflect significant commission participation:

Commission/Working Group highlights (e.g. conferences, publications, products & services, awards, etc. and outcomes for the EC to take note)

Time: 2022.11.1

Online workshop: Living structure as a scientific foundation of maps and mapping
The AutoCarto 2022 workshop attracted many participants from all over the world.

Time: 2022.12.15

Online seminar: Advanced technology for national map updating

Time: 2022.10.27

As a sponsor of the Virtual conference: Advanced in topographic mapping

Time: 2023.8.12

International Symposium: Location-based big data and GeoAI 2023 (LocBigDataAI 2023)

Notable cross-disciplinary events (e.g. with other ICA Commissions/WGs, regional and international communities)

Time: 2023.6.16

Exhibition: INNOTECH 2023@HKUST(GZ) The Hong Kong University of Science and Technology (Guangzhou), China.

Notable public events (e.g. invited public speech, Mapathon, TED talks, hackathon, etc.)

The 5th International Conference on Big Earth Data, November 12-13, 2022, Wuhan China, Geospatial big data, space and its livingness;
GeoSpatial Conference 2022, October 15–18, 2022, University of Tehran, Iran: A new kind of GeoInformatics built on living structure and the third view of space;

Educational highlights (e.g. degree programs, MOOCs, lifelong learning courses)

UGOD 5060 Urban Data Analytics in which living structure was introduced to MPhil and PhD students

Any other sharable experiences

Upcoming events and planned actions

International summer school on the new urban agenda and sustainable development goals, June, 2024