



International Cartographic Association
Association Cartographique Internationale



Palacký University
Olomouc

Symposium ICA spring Olomouc 2023
Atlases: their design and use

PROGRAM

April 3–5, 2023
Olomouc, Czechia

www.spring2023.upol.cz



8:00–9:00	Registration	
9:00–9:30	Opening	
9:30–11:15	BLOCK I	
	Philippe DE MAEYER <i>Ghent University</i>	School atlas considerations
	Timothy TRAINOR <i>International Cartographic Association</i>	Atlas Opportunities Stimulated by the UN IGIF and the SDG Data Alliance
	Igor DRECKI, Antoni MOORE <i>National Library of New Zealand, University of Otago</i>	Managing cartographic collections spatially
	Waldemar SPALLEK <i>University of Wrocław</i>	From the paper atlas to the geoportal and back again
	Vít VOŽENÍLEK <i>Palacký University Olomouc</i>	Five periods in the history of Czech school atlases
11:15–11:45	<i>coffee break</i>	
11:45–13:30	BLOCK II	
	Gareth BALDRICA-FRANKLIN <i>University of Wisconsin-Madison</i>	Online Atlas Storytelling: Towards Nonlinear Narratives
	Jakob LISTABARTH, Pei NIE, Menno-Jan KRAAK <i>University of Twente, Enschede</i>	Crowdsourced atlas production
	Markus JOBST <i>Vienna University of Technology</i>	Crowdsourcing for Atlas Productions – experiences from the “SDG’s in action” atlas
	Eric LOSANG <i>Leibniz-Institute for Regional Geography, Leipzig</i>	Participatory Atlas Design – experiences from an SDG-Atlas pilot
	Revaz TOLORDAVA, Tedo GORGODZE, Gocha GUDZUADZE <i>Sukhumi State University, Tbilisi</i>	Geographic Information System and Complex Atlas of the Autonomous Republic of Abkhazia
13:30–15:00	<i>lunch time</i>	
15:00–16:15	BLOCK III	
	Robert ROTH <i>University of Wisconsin-Madison</i>	Mobile atlases: Their design and use?
	Rostislav NÉTEK <i>Palacký University Olomouc</i>	Rise of Map-oriented Dashboards
	Stanislav POPELKA, Anna PORTI SUAREZ <i>Palacký University Olomouc</i>	Covid-19 dashboards and their usability assessment
	Marta KUŽMA, Francis HARVEY <i>University of Warsaw, Leibniz-Institute for Regional Geography, Leipzig</i>	Eye-Tracking the Digital Humanist. How do historians use maps?
	Stanisław SZOMBARA <i>AGH University of Science and Technology, Kraków</i>	Does the dot matter? A study of dot map users’ preferences for dot size and value
16:15–16:45	<i>coffee break</i>	
16:45–18:30	BLOCK IV	
	Tomáš VANÍČEK <i>Palacký University Olomouc</i>	The use of the think-aloud method for the evaluation of the atlas
	Zurab LAOSHVILI, Giorgi KAPANADZE <i>Georgian Technical University, Tbilisi</i>	Map reading – spatial, temporal, and thematic analysis
	Michaela VOJTĚCHOVSKÁ <i>Palacký University Olomouc</i>	Visualizing User Behavior in Cartography by GazePlotter: New Eye-Tracking Sequence Chart Analysis Tool
	Lukáš HERMAN, Barbora PLAČKOVÁ <i>Masaryk University, Brno</i>	User Aspects of 3D Geovisualizations in Urban Planning
	Daniel VRBÍK <i>Technical University of Liberec</i>	Maps for toponymic research
19:30–23:30	<i>dinner</i>	

Tuesday, April 4, 2023
Corpus Christi Chapel • Department of Geoinformatics



9:00–10:45 BLOCK V

Beata MEDYŃSKA-GULIJ
Adam Mickiewicz University, Poznań

Hypsometric images of Europe in school atlases
 - the final design from the 19th century?

Florian LEDERMANN
Vienna University of Technology

Improved cartographic rendering and design
 of detailed street maps and urban atlases

Jakub KONÍČEK
Palacký University Olomouc

Infographics vs maps: Czech-Brazil visual comparison
 in understanding spatially oriented visualization

René SIEBER, Michael SCHMUKI, Lorenz HURNI
ETH Zurich

Designing and Implementing Storytelling in Interactive
 Atlases – A Case Study of the Atlas of Switzerland

Vít VOŽENÍLEK, Jakub KONÍČEK, Alena VONDRÁKOVÁ
Palacký University Olomouc

Conceptual changes in dialect atlases

10:45–11:15 *coffee break*

11:15–13:00 BLOCK VI

László ZENTAI
Eötvös Loránd University, Budapest

The first atlas I have created: the unpublished
 and banned Atlas of Lake Balaton

Gocha GUDZUADZE, Tedo GORGODZE
Tbilisi State University

Atlas mapping of urban systems of Georgia

Václav TALHOFFER
University of Defence, Brno

Map projections in atlases – a reflection on their use

Irene SAHAGUN LUIS
National Geographic Institute of Spain, Madrid

Application of the general procedure of the national
 atlas of Spain (ANE). Updating. History section

Tedo GORGODZE, Nodar KHORBALADZE,
 Sophio GORGIANIDZE, Gocha GUDZUADZE
Ministry of Defence of Georgia, Tbilisi

Creation and use of special purpose atlases in Georgia
 on the example of „Officer's Atlas“

13:00–14:50 *lunch time*

14:50–15:10 Atlas cookbook release

15:10–16:45 WORKSHOPS

Čeněk ŠAŠINKA
Masaryk University, Brno

Maps in Collaborative Immersive Virtual Environments

Radek BARVÍŘ, Jan BRUS, Alena VONDRÁKOVÁ
Palacký University Olomouc

Interactive tactile models creation

Stanislav POPELKA et al.
Palacký University Olomouc

Eye-tracking and its possibility for analyses
 of map-reading

after 16:45 free afternoon and evening – optional social program

18:30–19:15 *organ concert*

Department of Geoinformatics

Corpus Christy Chapel



Wednesday, April 5, 2023
Fort Science



9:00–11:00 BLOCK VII

Jakub ŽEJDLÍK
Palacký University Olomouc

Guide to selected monuments of Czechia for people with visual impairment

Tomáš BAYER
Charles University, Prague

Automated analysis of map projections

Robert MAGHLAKELIDZE, Giorgi MAGHLAKELIDZE, Neli GOGINASHVILI, Giorgi KAPANADZE
Tbilisi State University

Some issues of separation and atlas mapping of cultural natural-territorial complexes

Karol KOWALCZYK
Maria Curie-Skłodowska University, Lublin

Railway Atlases as the Products of Thematic Cartography: an Attempt at Typology

Saba MODEBADZE, Demetre MODEBADZE, Tengiz GORDEZIANI
Tbilisi State University

Methodology for creating a football atlas and geographic information system of Georgia

Mariam GAGOSHASHVILI, Saba MODEBADZE
Tbilisi State University

Methodology of geocological atlas mapping, on the example of Zestafoni Municipality (Georgia)

11:00–11:30 *coffee break*

11:30–13:30 BLOCK VIII

Alena VONDRÁKOVÁ
Palacký University Olomouc

Cooperation of thematic experts and cartographers in the atlas projects

Manana SHARASHENIDZE, David SHAVLAKADZE, Saba MODEBADZE
Tbilisi State University

Electronic atlas of viticulture and winemaking of Kakheti region. Challenges of practice (Georgia)

Viktor CHABANIUK
National Academy of Science of Ukraine, Kyiv

Transformational cartography in Dynamic atlas information systems. Problems and solutions

Giorgi DVALASHVILI
Tbilisi State University

Geographical features of the photo atlas of landmark natural monuments of Georgia

Tengizi GORDEZIANI, Tedo GORGODZE, Saba MODEBADZE, Neli JAMASPASHVILI, Nika BERUCHASHVILI, Gocha JINCHARADZE, Mariam GAGOSHASHVILI, Tamar GORDEZIANI
Tbilisi State University

Complex atlas mapping of selected municipalities and administrative regions of Georgia

Alexander WOLODTSCHENKO
Technical University Dresden

On atlas cartography, atlassemiotics and atlasgraphy

13:00–14:00 **Closing**



Fort Science
Interactive Science Museum

www.pevnostpoznani.cz

