

Preface

We are now living in a digital information era, which is fundamentally changing science and society. Maps and other cartographic means, which communicate information tailored to human users through various media, play a crucial role in this information era. It is related to the fact that we can witness that more spatial data than ever is produced currently. We can also witness that we are not short of ever more new modern technologies for all parts of the spatial data handling processes, including data acquisition, modeling, visualisation and dissemination. The problem is often not that we do not have enough data but rather too many. We need to make more and more efforts to deal with all those data efficiently, mining the relevant information and link and selecting the appropriate information for a particular scenario. Maps and cartography play a vital role in this respect as cartography works with abstraction, narrations and holistic views to allow for efficient and effective interfaces between data and users.

The EuroCarto 2022 conference is meant as a forum to present, exchange and discuss the ongoing evolution and research trends in the scientific field of cartography. The conference build upon the successful EuroCarto 2015 conference in Vienna and EuroCarto 2020 conference which was held online, and was co-organized by the German Cartographic Society (Deutsche Gesellschaft für Kartographie), the Swiss Cartographic Society (Schweizerische Gesellschaft für Kartographie), the British Cartographic Society and the Austrian Cartographic Commission (Österreichische Kartographische Kommission). EuroCarto 2022 is also endorsed by the International Cartographic Association (ICA) as ICA Regional Conference.

The conference proceedings contain a selection of short papers submitted to EuroCarto 2022. All submissions have been reviewed double-blind by two members of the scientific committee. The book provides a general picture of recent research activities related to the domain of cartography, including new methods, insights and technologies concerning issues of topographic cartography, thematic cartography, multimedia cartography, cartographic education positioning, generalization, perception and cognition, visualization and design, collaborative mapping, location-based services, atlas cartography, cartographic heritage, toponomy, cartographic applications and spatial data infrastructures.

We thank all the authors and reviewers for their excellent work. We hope you enjoy reading these papers and look forward to your participation in future cartographic conferences.

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Vienna, 2022

Acknowledgements

We thank the members of the scientific committee and reviewers:

Alenka Poplin, Alexander Dunkel, Alexander Kent, Amy Griffin, Andrés Arístegui Cortijo, Angeliki Tsorlini, Anne Ruas, Anthony Robinson, Arzu Çöltekin, Barend Köbben, Beata Medyńska-Gulij, Benedicte Bucher, Benjamin Hennig, Bin Jiang, Christian Murphy, Christophe Claramunt, Christophe Lienert, Chrysoula Boutoura, Dalia Varanka, Dariusz Gotlib, David Fairbairn, Detlef Günther-Diringer, Dirk Burghardt, Dušan Petrović, Edyta Bogucka, Eric Losang, Eva Hauthal, Evangelos Livieratos, Florian Ledermann, Francis Harvey, François Lecordix, Georg Gartner, Giedre Beconyte, Guillaume Touya, Haosheng Huang, Holger Kumke, Ian Muehlenhaus, Jan Brus, Jan Feranec, Jana Moser, Jesús Reyes, Jie Shen, Jochen Schiewe, Juha Oksanen, Jukka Krisp, Juliane Cron, László Zentai, Liqiu Meng, Luciene Delazari, Mark Wigley, Markus Jobst, Mathias Gröbe, Mátyás Gede, Menno-Jan Kraak, Michael Peterson, Milan Konecny, Miljenko Lapaine, Monika Sester, Necla Ulugtekin, Nico van de Weghe, Nikolas Prechtel, Oren Raz, Otakar Čerba, Paulo Raposo, Peter Jordan, Peter Schmitz, Philippe De Maeyer, Pyy Kettunen, René Sieber, Robert Roth, Sagnik Mukherjee, Sara Irina Fabrikant, Serena Coetzee, Silvana Camboin, Stefan Peters, Susanne Bleisch, Tao Wang, Terje Midtbø, Thomas Schulz, Tumasch Reichenbacher, Vít Pászto, Vít Voženílek, Wangshu Wang, William Cartwright, Wolfgang Kainz, Zdeněk Stachoň.