

## Preface

The discipline of cartography is a fascinating domain. With a rich history and a long record of achievements in making and using maps, cartography is currently facing fascinating opportunities and a bright future. This is because of the digital era of our societies and “living”, where it becomes crucially important to not only have data available but to use the data accordingly so that meaning becomes possible, awareness is achieved, decisions are underpinned, or simply phenomena of all kinds are understood. Whenever this is related to a spatial context, the power of abstraction maps are offering is a decisive advantage of cartographic products.

It is therefore no surprise that eventually more maps than ever are produced, either as artefacts or as services, and exciting innovations push the discipline of cartography further. Cartographic conferences mirror those developments and it is with great pleasure that we are able to offer this volume of abstracts of the EuroCarto 2024 Conference, demonstrating through numerous cartographic submissions the vital and lively ongoing developments of the discipline.

The EuroCarto 2024 conference builds upon the successful EuroCarto 2015 in Vienna, EuroCarto 2020, which was held online and EuroCarto 2022 in Vienna. The conference is organized by the Research Unit Cartography of the Technische Universität Wien, co-organized by the German Cartographic Society (Deutsche Gesellschaft für Kartographie), the Swiss Cartographic Society (Schweizerische Gesellschaft für Kartographie), the British Cartographic Society, the Austrian Cartographic Commission (Österreichische Kartographische Kommission) and the Czech Cartographic Society. EuroCarto 2024 is also endorsed by the International Cartographic Association (ICA) as ICA Regional Conference. The conference proceedings contain a selection of short papers. All submissions have undergone a review process by two members of the scientific committee. The volume provides therefore 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, toponymy, 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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