Editorial

Haowen Yan¹ · Michael P. Peterson² · Zhilin Li³

Published online: 8 August 2017
© Springer International Publishing AG 2017

We are very delighted to be able to introduce *Journal of Geovisualization and Spatial Analysis* to you. As a peer-reviewed international journal, it provides an advanced forum for the evolving science, technology, and applications of spatial analysis and visualization in the geographic space. The new journal welcomes high-quality research papers, reviews, and communications addressing theories and approaches of geovisualization, and models and methods in spatial analysis.

The journal both recognizes and promotes a number of major domains such as cartography, geographic information science/system/service, remote sensing, location-based services, photogrammetry, and geology. To be more concrete, the subjects of the papers include visualization theory and technology in real and virtual environments, cartography and cartographic communication, geovisualization and analysis of dynamic phenomena (e.g., movement data and change detection) and big data, multiscale and/or higher dimensional visualization of geospatial data, and applications of geovisualization such as in geology, landscape design, decision-making, disaster response analysis of social interactions and education, human recognition of

geovisualization, and geovisualization using various mobile devices (e.g., smart phones, PDAs, tablets, and GPS), geovisualization in gaming technology for simulation and geospatial education, theories and applications of spatial analysis, spatial relations, geo-computation and geo-statistics, new methods in spatial data handling, spatial data mining, decision support systems, geo-telematics, spatial information infrastructures, and applications of geo-analysis and geovisualization technology in all possible domains.

Authors of *Journal of Geovisualization and Spatial Analysis* should bear in mind that we have an interdisciplinary audience, and our readers are expecting inspiring, insightful, and viable works of the highest quality. We encourage several types of articles. Full-length research articles present comprehensive descriptions of one or more aspects of geovisualization and/or spatial analysis, such as theory, design, and evaluation. Commentary articles provide personal views of experts on trends and other issues concerning strategic developments of the field. We also welcome other types of contributions such as reviews and reports from relevant conferences. Conference announcements and call for papers will be included as long as they are of potential interest to our readers. Authors are welcome to contact us directly regarding submitting manuscripts to the journal. If you are not sure about whether your manuscript would be suitable for the journal, please feel free to get in touch with us and we would be pleased to advise.

We would like to take this opportunity to thank our members of the editorial board for their enthusiasm and their support in the development of the journal, our publisher for its efficient and professional work, and our authors and reviewers who worked on tight schedules for this inaugural issue.

Please contact one of us if you would like to prepare an editorial and/or you want to suggest a topic in a future issue of *Journal of Geovisualization and Spatial Analysis*.

✉ Haowen Yan
haowen2010@gmail.com

Michael P. Peterson
mpeterson@unomaha.edu

Zhilin Li
lszli@polyu.edu.hk

¹ Faculty of Geomatics, Lanzhou Jiaotong University, Lanzhou, China

² Department of Geography/Geology, University of Nebraska at Omaha, Omaha, Nebraska, USA

³ Department of Land Surveying and Geoinformatics, Hongkong Polytechnical University, Hongkong, Hongkong