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## Smart Cartography for Big Data Solutions

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### Message from the Guest Editors

The increasing amount of data encourages the creation of new methodologies for data processing, as well as the development of digital technologies. Both are progressively yielding new potentials and possibilities in the evolution of cartographic analyses, synthesis, visualization, and their applications. This trend also leads to new challenges in cartography due to dealing with the gathering, storage, analysis, and visualization of spatial information and data. Cartography is one of the few visualization disciplines to have always used, and correctly analyzed a huge amount of data, and represented them on different levels of preciseness according to the needs of potential users. We certainly need to develop and integrate new methodologies and technologies, but smart probably starts to be valid from the moment we create new and higher quality of the problem solutions.

### Keywords

- Big data challenges for geo-scientists
- Geoinformation for Smart Cities
- Multi-D Mapping and Visualization
- Web, Virtual, Augmented Cartographic Modeling
- Volunteer Geographic Information
- Virtual Geographic Environments
- Cartographic Communication for Big Data Era



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## Message from the Editor-in-Chief

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