

Special Issue

New Tools or Trends for Large-Scale Mapping and 3D Modelling (Second Edition)

Message from the Guest Editors

Topographic surveys are used to capture the shape of the earth's surface, which provide the information needed for 2D or 3D representations. Large-scale topographic maps are essential for (a) the design and construction of the infrastructure in the urban and rural areas, (b) vegetation analysis and monitoring, (c) 3D and city modelling, and (d) general-purpose mapping. Remote sensing tools have shown their efficacy in exploring the natural, human, and social systems at unprecedented resolutions. The recent developments in remote sensing sensors have opened the door for the high-quality, large-scale mapping of our environment, 3D/city modelling, as well as many useful applications such as infrastructure monitoring and crack measurement.

This is the second volume of the Special Issue of Remote Sensing on "New Tools or Trends for Large-Scale Mapping and 3D Modelling". In this Special Issue, we aim to compile research articles that address various aspects of large-scale mapping and 3D modelling with remote sensing sensors from field data acquisition used to map or 3D-model, and their applications. Review contributions and papers describing new sensors/concepts are also welcomed.

Guest Editors

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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