



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

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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.





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Message from the Editorial Board

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