



## New Tools or Trends for Large-Scale Mapping and 3D Modelling

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### Message from the Guest Editors

Topographic surveys are used to capture the shape of the world and represent it as a topographic map or a three-dimensional (3D) model. Large-scale topographic maps are essential for (a) the design and construction of the infrastructure in the urban environment, (b) 3D/city modelling, and (c) general-purpose mapping. Remote sensing tools have shown their efficacy in exploring the natural, human, and social systems at unprecedented resolutions. Now, the demand for geospatial data has increased exponentially, coupled with the need for high-quality large-scale maps and 3D models. The recent developments in remote sensing cameras 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, crack measurement, etc.

In this Special Issue, we aim to compile research articles that address various aspects of large-scale mapping and 3D/city modelling with remote sensing cameras 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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