

Special Issue

3D City Modelling and Remote Sensing: Advances, Challenges, and New Technologies

Message from the Guest Editors

Today, digital societies are largely dependent on information. However, several tasks in urban and architectural design are undertaken in a geospatial context. Building Information Models (BIM) and geospatial technologies offer models of 3D city that provide information about buildings and the surrounding environment. A 3D city model is generally defined as the digital representation of the Earth's surface and the built environment within a city. Using such a model, a variety of applications can be created, covering the whole city or may focus on a specific building model. As models become more detailed, the relationships between the spatial objects have to be modelled. Research and development in the above-described areas is sought for this Special Issue on "3D City Modelling and Remote Sensing: Advances, Challenges, and New Technologies". Potential topics include, but are in no way limited to:

- Three-dimensional city modelling;
- BIM-GIS integration;
- Urbanization and settlements;
- Sustainable development of cities;
- Smart cities and regions;
- Different applications of 3D city modelling (e.g., 3D cadastre, crisis management, etc.).

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Deadline for manuscript submissions

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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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