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Applications of GIS and 3D City Modelling for Sustainable Urban Planning—from Remote Sensing Perspective

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Message from the Guest Editors

This is the second Special Issue concerning the contributions of remote sensing to the 'Applications of Geographic Information System and 3D City Modelling for Sustainable Urban Planning'.

Rapid urban development has resulted in environmental problems linked to unsustainable transport, housing, waste, energy, and land use management.

By processing two-dimensional and three-dimensional geospatial data from satellite imaging, aerial photography, and remote sensors, in combination with environmental and socioeconomic variables, GIS technology offers the means to input, manage, and synthesize information rapidly. It also provides a detailed perspective on land and infrastructure, thereby improving the base of decision making for practitioners and other participants in the processes of urban planning.

We encourage you to submit original research papers and technical or review articles to this Special Issue, placing particular emphasis on the applications of GIS and 3D city models in urban development strategies towards sustainability in order to generate new solutions to urban issues while improving the quality of life and urban resilience.

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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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