

Special Issue

Urban Morphology and Environment Monitoring

Message from the Guest Editors

Unprecedented urban growth is one of the most critical global challenges. Understanding the urban design, urban sprawl, morphological changes and their association with urban climate and environment can provide critical insight into sustainable urban practices. This Special Issue invites manuscripts that present new developments and methodologies, best practices, and applications to address the issues related to urban morphology and environment, such as the United Nations' call for "Sustainable Cities and Communities".

- urban sprawl
- landscape architecture
- urban planning
- landscape ecology
- urban microclimate
- densification of urban area
- urban heat island (UHI)
- solar energy
- low carbon societies
- urban ecology
- land cover land use
- urban green spaces
- urban morphology and public health
- monitoring change
- machine learning
- biophysical and social data integration
- sustainable development goals monitoring

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2023)



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About the Journal

Message from the Editor-in-Chief

Geomatics is an information technology discipline which integrates the tasks of gathering, storing, processing, modeling, analyzing, and delivering spatially referenced or location information.

Geomatics journal offers a new forum to promote multidisciplinary research over broad ranges geomatics innovative research and applications. Original contributions in the form of research papers, communications, letters, short notes, and reviews on all aspects of *Geomatics* are invited.

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