



Urban Morphology and Environment Monitoring

Guest Editors:

Dr. Sawaid Abbas

Dr. Ghaffar Ali

Prof. Dr. Nitin Kumar Tripathi

Dr. Sertaç Güngör

Deadline for manuscript
submissions:

closed (30 April 2023)

Message from the Guest Editors

Dear Colleagues,

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





Editor-in-Chief

Prof. Dr. Naser El-Sheimy

Department of Geomatics
Engineering, The University of
Calgary, Calgary, AB T2N 1N4,
Canada

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.6 days after submission; acceptance to publication is undertaken in 3.2 days (median values for papers published in this journal in the second half of 2023).

Recognition of Reviewers: APC discount vouchers, optional signed peer review, and reviewer names published annually in the journal.

Contact Us

Geomatics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/geomatics
geomatics@mdpi.com
[X@Geomatics_MDPI](#)