



Urban Modeling: Simulating Urban Growth and Subsequent Landscape Change

Guest Editors:

Dr. Rahim Aguejdad

UMR TETIS, CNRS, Université de
Montpellier, 500 rue Jean-
François Breton, 34093
Montpellier, France

Dr. Thomas Houet

LETG-Rennes COSTEL - UMR 6554
CNRS, Université Rennes 2, Place
du recteur Henri Le Moal, 35043
Rennes, CEDEX, France

Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editors

This Special Issue aims at collecting new developments and methodologies about your recent research on urban growth modeling. Accordingly, we would like to invite you to submit articles that provide the community with the most recent advancements, practices, and applications on all aspects of urban growth modeling and simulation, including, but not limited to, the following:

- New approaches and models for urban growth modeling and simulation;
- Developing robust methods and algorithms for model calibration and validation;
- 3D modeling of urban growth;
- Uncertainty, remote sensing data, and scales requirements for urban growth and subsequent landscape changes modeling;
- Non-stationarity of land use changes in calibrating and validating urban growth models;
- Emerging and innovative methods of urban growth scenarios development;
- Urban growth models to support adaptation decision, strategic planning, and sustainability assessment of urban land-use policy;
- Comparative studies of urban growth models;
- Comparative applications of urban growth simulations to various urban contexts.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S.
Geological Survey (USGS), USGS
Western Geographic Science
Center (WGSC), 2255, N. Gemini
Dr., Flagstaff, AZ 86001, USA

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.

Author Benefits

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

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank: JCR - Q1 (*Geosciences, Multidisciplinary*) / CiteScore - Q1 (*General Earth and Planetary Sciences*)

Contact Us

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

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

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)