Big Data in Geocomputation for the Built Environment

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Deadline for manuscript submissions:
closed (30 April 2021)

Message from the Guest Editors

Welcome papers should provide, through real-life case studies, clear evidence of the benefits arising from the adoption of geocomputational models and methods. The papers must cover both the theoretical and the experimental aspects.

Contributions on the following topics are particularly welcome:

- Citizen sensing and open data;
- Crowdsourcing and citizen science data;
- Geospatial uncertainty;
- Spatial databases;
- Spatial data mining;
- GISs technology;
- Open geospatial science;
- Agent-based spatial modeling;
- Cellular automata spatial modeling;
- Spatial statistical models;
- Environmental modeling;
- Urban modeling;
- Land use dynamics;
- Geographic visualization and visual analytics;
- Complex systems analysis;
- Machine learning methods for environmental planning;
- Built environment;
- Environmental protection;
- Case studies.

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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