Special Issue

Spatial Analysis for Landscape Changes

Message from the Guest Editors

This Special Issue aims to collect contributions concerning the application of traditional and innovative methods in all application fields that are connected to the following changes, such as geomorphology, urban and territorial systems and archaeology. Relevant topics for the SI include:

- Multitemporal analysis of DEMs and reconstruction of short- and long-term topographic changes;
- Extraction of parameters and indexes to investigate landscape changes and related surface processes;
- Two- and three-dimensional reconstructions of historical and archaeological landscapes;
- Semi-automatic or unsupervised classification of landforms/landscapes;
- Application of quantitative methods and models to estimate landscape modification and their impact on urban systems;
- Analysis of geomorphic processes and rates by the multitemporal acquisition of high-resolution topographic data and spatial statistics;
- GIS tools and spatial statistics for the analysis of natural hazards and human impact on the landscape

Review articles about the limitations, recent developments and new approaches of this research field are also welcomed.

Guest Editors

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closed (15 September 2021)

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About the Journal

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.

Editor-in-Chief

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