Special Issue

Advanced Studies in Land Cover Change and Geographic Data Fusion

Message from the Guest Editors

This Special Issue aims to publish papers which study the emerging important methodology and pursue technical advancements in change monitoring, spatio-temporal data fusion, data–model integration, change analyses, and uncertainty quantification and propagation. Topics of interest include, but are not limited to, the following:

- Land cover change typology;
- From change detection to change monitoring;
- Multi-source data technology and data streaming;
- Applied Bayesian statistics in geospatial domain;
- Data support and cross-resolution data modeling;
- Bayesian spatio-temporal data fusion;
- Bayesian downscaling;
- Land cover change as surface time series;
- Bayesian spatio-temporal data assimilation;
- New landscapes for machine learning;
- Uncertainty quantification and propagation;
- Statistical methodology towards building up digital twins of the environment;
- Case studies in natural resources and the environment.

Guest Editors

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Deadline for manuscript submissions

30 December 2025

Applied Sciences

an Open Access Journal by MDPI

**Impact Factor 2.5
CiteScore 5.5**

mdpi.com/si/202626

Applied Sciences
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mdpi.com/journal/
applsci

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.

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