

Geospatial Data in Land Use Change and Landscape Dynamics Assessment

Guest Editor:

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Deadline for manuscript
submissions:

closed (25 May 2023)

Message from the Guest Editor

Over the past few decades, most ecological land has been converted to urban land or bare land, resulting in increased fragmentation and reduced aggregation. At present, issues related to landscape dynamics have attracted extensive attention from the international community in terms of land use change, urbanization, ecological structure and function, and environmental protection. Land use and landscape dynamics are an important part of livelihood strategies and it is, therefore, necessary to use geographic data to assess land use change and landscape dynamics before constructing land cover scenarios for the wider region to support regional sustainable planning.

This special issue intends to include original research articles, reviews, and technical comments, with respect to the above and/or the following topics (but are not limited to):

- Land use/land cover change;
- Relationship between land use change and landscape pattern;
- Landscape metrics used to analyze changes in landscape patterns;
- Aggregation, fragmentation and heterogeneity in landscape;
- Time series analyses;
- Land management policies and environment protection decisions.



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Message from the Editor-in-Chief

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