



Landscape Monitoring, Ecosystem Services and Sustainable Development

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Message from the Guest Editors

To incite and evaluate a sustainable use of the environment and its natural resources, it is indispensable to assess and monitor landscape dynamics and its effects on the provision of ecosystem services in space and time. Although research in ecosystem services is advancing rapidly, the linkages to sustainable landscape dynamics are less explored.

This Special Issue therefore invites studies advancing concepts and applications addressing the interactions between landscape dynamics and ecosystem services to indicate sustainable, nature-based solutions (NBS) inclusive the development of green infrastructure (GI). In particular, we welcome contributions that focus on past and future impacts of land-use/cover changes on ecosystem services, identification of underlying mechanisms, as well as best-practice applications to implement monitoring systems for a sustainable use of natural resources. We also would like to indicate the most relevant open research questions and future perspectives in the context of sustainable landscape dynamics and maintenance of multiple ecosystem services.





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