



Advances in Characterizing and Addressing Land Degradation and Associated Ecosystem Responses

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Message from the Guest Editors

Climate change and rapid urbanization cause serious problems for the ecosystem. The world has experienced dramatic land degradation in recent years, and destructive land use is driving long-term losses of ecosystem function and productivity. The existing literature has been carried out to investigate the temporal and spatial characteristics of land degradation and its negative impacts on ecosystems. However, the research framework, dataset, method and case studies to estimate land degradation and associated ecosystem responses require further exploration.

We are interested in contributions that link the ecosystem changes response to land degradation, including but not limited to:

- Land use and land cover change;
- Land degradation;
- Ecological impacts of urbanization;
- Ecosystem services estimation and simulation;
- Influencing mechanism of land degradation on ecosystem;
- Carbon neutrality;
- Social, economic and ecological coordinated development;
- SDGs and high-quality development.





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Message from the Editor-in-Chief

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