



## **Advances in Characterizing and Addressing Land Degradation and Associated Ecosystem Responses**

Guest Editors:

**Prof. Dr. Jinyan Zhan**

**Prof. Dr. Xinqi Zheng**

**Prof. Dr. Shaikh Shamim  
Hasan**

**Dr. Wei Cheng**

Deadline for manuscript  
submissions:

**closed (30 November 2022)**

### **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.





*land*



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Christine Fürst

Department Sustainable  
Landscape Development,  
Institute for Geosciences and  
Geography, University of Halle,  
Halle, Germany

## Message from the Editor-in-Chief

*Land* is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant Impact Factor, and has a goal to become the best journal in land in the coming years.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SSCI (Web of Science), GEOBASE, PubAg, AGRIS, GeoRef, RePEc, and other databases.

**Journal Rank:** JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Nature and Landscape Conservation)

## Contact Us

---

*Land* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/land  
land@mdpi.com  
X@Land\_MDPI