



*land*



an Open Access Journal by MDPI

## Karst Land System and Sustainable Development

Guest Editor:

**Prof. Dr. Xiaoyong Bai**

Institute of Geochemistry,  
Chinese Academy of Sciences,  
Guiyang 550081, China

Deadline for manuscript  
submissions:

**closed (3 July 2023)**

### Message from the Guest Editor

Karst areas are globally distributed and occupy about 15% of the Earth's surface, supporting almost 20% of the world's population. Under the dual influence of climate change and human activities, promoting karst system science has important significance in clarifying the karst ecosystem's patterns, processes, services, and functions; revealing land–climate interactions and the water–energy–land–food nexus; and evaluating the ecosystem quality, ecological security, and the sustainability of ecological restoration.

The research fields for this Special Issue encompass karst ecosystem quality, ecosystem services, climate change, ecological restoration, carbon sink evolution, land management, and element biogeochemical cycle.

- The evolution process of ecological and environmental quality affected by climate change and land use change.
- The hydrological and biogeochemical cycling of elements driven by natural factors and human activities.
- To evaluate vegetation carbon sinks, carbonate rock chemical weathering carbon sinks, and sustainable development strategies in the karst region.



[mdpi.com/si/121195](https://mdpi.com/si/121195)

**Special** Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Christine Fürst

Institute for Geosciences and  
Geography, Department  
Sustainable Landscape  
Development, University of Halle,  
Von-Seckendorff-Platz 4, 06120  
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. I strongly recommend *Land* for your best research publications for a fast dissemination of your research.

## 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), 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, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

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