

## Special Issue

# Land System Dynamics and Climate-Related Hazards

### Message from the Guest Editors

Land systems, encompassing the complex interactions between land cover, land use, ecological processes, and human activities, are constantly undergoing dynamic changes. These changes, driven by factors such as urbanization, agricultural expansion, deforestation, and infrastructure development, significantly alter the Earth's surface and its functioning. In a changing climate, these alterations in land system dynamics interact with and exacerbate various environmental hazards. Climate change intensifies extreme weather events, alters hydrological cycles, and contributes to sea-level rise, creating a complex web of interconnected risks. Understanding the intricate relationships between land system dynamics and climate-related hazards is crucial for developing sustainable land management strategies and mitigating the adverse impacts on both human societies and ecosystems.

The goal of this Special Issue is to collect original research articles and comprehensive review papers that provide critical insights into the complex interplay between land system dynamics and climate-related hazards.

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### Guest Editors

Dr. Anam Ashraf

Dr. Sheikh Saeed Ahmad

Dr. Muhammad Israr

Dr. Todd Robinson

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### Deadline for manuscript submissions

closed (31 March 2026)



## Land

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CiteScore 6.4



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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Christine Fürst  
Department Sustainable Landscape Development, Institute for  
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