

## Special Issue

# Linking Hydrological Function and Landscape Dynamics

### Message from the Guest Editors

Linking hydrological function and landscape dynamics is vital in understanding the complex interactions between the physical and biological processes that control the flow and storage of water in landscapes. Landscapes are constantly evolving, and this evolution is driven by a variety of factors, including climate, geology, vegetation, and human activity. Hydrological processes, such as precipitation, infiltration, runoff, and evapotranspiration, are also constantly changing in response to landscape dynamics. This Special Issue will welcome manuscripts that link the following themes:

- Hydrological processes;
- Climate change and hydrological response;
- Land cover change and hydrological function;
- Ecosystem services and hydrological function;
- Watershed management;
- Resilience and adaptive management;
- Geomorphology and hydrological connectivity;
- Remote sensing and modeling;
- Socio-economic implications;
- Stakeholder engagement and decision-making;

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### Guest Editors

Dr. Tesfay Gebretsadkan Gebremicael

Dr. Gebremedhin Gebremeskel Haile

Dr. Helen Poulos

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### Deadline for manuscript submissions

closed (25 March 2024)



## Land

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CiteScore 5.9



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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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#### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Nature and Landscape Conservation)