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Understanding Watershed Connectivity in a Changing Planet

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Deadline for manuscript submissions:

closed (30 November 2022)

Message from the Guest Editors

Efforts to enhance watershed connectivity are continually challenged by shifting ecological and hydrological baselines. Climate change and human disturbances impact aquatic environments by altering the source composition (e.g., groundwater, surface water) and properties (e.g., temperature, turbidity, salinity) of water in these systems. We invite manuscripts that discuss current questions regarding watershed connectivity and the challenges, pitfalls, and knowledge gaps that face us as we aim to restore and protect aquatic ecosystems in an uncertain future:

- contributions relevant to the current state of knowledge as well as watershed connectivity goals from hydrological, ecological, and sociopolitical realms
- contributions relevant to connectivity improvements in freshwater
- contributions by authors who identify as belonging to under-represented groups in the sciences (e.g., BIPOC, LGBTQ+, early career mothers)
- contributions that examine future research and management priorities for watershed connectivity
- studies that utilize or develop emerging tools for characterizing species, communities, and ecosystem health in fragmented systems or recently connected systems



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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.

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