

Special Issue

Hydrological Impacts of Land Use/Land Cover Changes

Message from the Guest Editor

Recent changes in land use, climate, human population growth, and development have led to challenges in meeting water supply needs because elevated water demand is occurring exponentially. Thus, understanding the hydrologic effects of land cover, climate, and land use changes is an urgent challenge for both hydrologists and decision-makers. The goal of this Special Issue is to compile contributions (novel research, review articles, and field studies) that use various datasets (remote sensing, social surveys, time series observations, and climate data) in multidisciplinary studies that aim to showcase innovation for enhanced strategies and lessons learnt, especially when addressing complex issues often experienced in transboundary water system land use/land cover and climate change for strategic planning. This Special Issue is thought to foster cross-disciplinary engagements spanning physical and social sciences developing transformative research and education initiatives that can assist in mitigating complex and sensitive transboundary river system land use/land cover and climate challenges.

Guest Editor

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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.

Editor-in-Chief

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