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Impact of Climate Change on Land and Water Systems

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Deadline for manuscript
submissions:

closed (15 April 2025)

Message from the Guest Editor

As the global climate continues to change, we are witnessing profound alterations in the Earth's land and water systems. This Special Issue aims to delve into these ramifications, with an explicit focus on hydrology and soil processes, such as water harvest, flood, soil moisture, and soil erosion, including surface, gully, and stream bank erosion. This Special Issue aims to collate research exploring these topics in an attempt to deepen our understanding of the complex interactions between climate change and land and water systems. We aim to foster dialogue that explores the impacts of climate change, proactive adaptation strategies and innovative mitigation approaches, driving toward the sustainable management of our increasingly vulnerable environments under a changing climate. Through broad collaboration and knowledge sharing, we strive to prepare ourselves for the evolving challenges of climate change. The scope of this Special Issue includes, but is not limited to, the following: water harvest, soil moisture, flood, soil carbon, soil health, soil erosion processes, e.g., sheet erosion, gully erosion and stream bank erosion, and agroecosystems.



mdpi.com/si/180187

Special Issue



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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.

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