

Special Issue

Human Impacts on the Land–River Interface

Message from the Guest Editor

The primary focus of this Special Issue is to bring together cutting-edge research that examines the following areas:

- Anthropogenic Changes: How urbanization, agriculture, deforestation, and industrial activities are altering the physical and chemical properties of these interfaces.
- Ecological Consequences: The impact of these changes on flora and fauna, including shifts in species composition, habitat fragmentation, and the introduction of invasive species.
- Hydrological Alterations: The effects of water management practices, such as damming, irrigation, and drainage, on the natural flow regimes, sediment transport, and nutrient cycling.
- Pollution and Contamination: The sources, pathways, and effects of pollutants entering the river systems from land-based activities.
- Mitigation and Restoration: Strategies for mitigating negative impacts.

The purpose of this Special Issue is to foster an interdisciplinary dialogue among ecologists, hydrologists, environmental scientists, and policymakers, aiming to advance our understanding and management of the land–river interface in the face of increasing anthropogenic pressures.

Guest Editor

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Deadline for manuscript submissions

closed (25 February 2025)



Water

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Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/209929

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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