

Special Issue

Applications of GIS and Remote Sensing in Hydrology and Hydrogeology

Message from the Guest Editors

This Special Issue aims to highlight the latest advancements and applications of GISs and RS in hydrology and hydrogeology, showcasing how these technologies can provide greater insights into water systems and improve disaster management. We hope to cover a variety of topics, including (but not limited to) the following:

- Hydrological Modeling and Simulation;
- Water Resource Management;
- Flood and Drought Monitoring;
- Sediment Source Identification;
- Climate Change Impact Analysis;
- Disaster Risk Reduction.

We invite researchers, practitioners, and scholars to submit original research articles, review papers, and case studies that highlight the applications of GIS and RS in hydrology and hydrogeology. Submissions should provide clear evidence of the use of these technologies to address specific challenges in the field, demonstrate innovative methodologies, and present significant findings that advance the state of the art. [...]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/RO21JONIP1

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About the Journal

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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