Special Issue

Application of Geospatial Information Systems and Technologies in Water Resources Management

Message from the Guest Editor

The Special Issue seeks high-quality original research articles, reviews, and case studies that showcase the applications of GIS and geospatial technologies in various aspects of water resources management. Potential topics include, but are not limited to:

- GIS-based hydrological modeling and simulation
- Remote sensing applications in water quality and quantity assessment
- Flood risk mapping and disaster management
- Groundwater modeling and management using geospatial tools
- Integration of GIS with Internet of Things (IoT) for smart water management
- Spatial analysis of water resources and watershed management
- Application of geospatial big data analytics in water resource management
- Climate change impacts on water resources analyzed through GIS
- Decision support systems for water resource planning and management
- Water conservation strategies and policy analysis using geospatial methods

Please click the below link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/LZH47O539M

Guest Editor

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Deadline for manuscript submissions

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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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