

Special Issue

Spatial Modelling in Water Resources Management

Message from the Guest Editors

This Special Issue will consider spatial modeling in water resources management and researches of related to it. At present, there are different challenges and uncertainties due of climate change and man-made interferences, so it is very difficult to decide and select a better decision. By contrast, mismanagement and also sustainability of the current and future water resource allocation are other concerns. Thus, it is important to use the newest technologies and tools to improve and properly develop sustainable managements. In this regard, a relationship among three tools, including remote sensing (RS), GIS, and R statistical packages, could be very effective. Land sustainability strategies and water resources management along with corrected policies must be based on accurate surveys and assessment, and the three techniques (RS, R and GIS) will contribute to achieving the right management.

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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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