Special Issue

Integrated Flood Management: Concepts, Methods, Tools and Results

Message from the Guest Editor

The integrated flood management (IFM) approach aims to maximize the productivity and efficient use of floodplains and coastal zones, while minimizing the loss of life and impact on livelihoods and assets through protective measures. Obviously, absolute protection from flooding is impossible to achieve and a choice has to be made regarding the level of risk that is acceptable for a society. This pro-active risk reduction approach has to be supported by concepts, methods and operational tools. This Special Issue aims to propose an overview of the most advanced research and results obtained with new concepts, methods and tools in the field of flood risk reduction. Submissions focused of emerging ICT solutions and hydroinformatics tools implemented in decision support systems and in catastrophe modelling are strongly encouraged. Submissions presenting a return on experience (REX) for extreme events and operational technical solutions are welcome.

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

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