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

Prof. Dr. Philippe Gourbesville
Graduate School of Engineering, Université Côte d'Azur, Nice, France

Deadline for manuscript submissions

closed (30 September 2020)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/19879

Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/journal/water

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
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

MDPI