



water

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Flood Risk and Resilience

Guest Editors:

Prof. Dr. Guangtao Fu

G.Fu@exeter.ac.uk

Dr. Monica Rivas Casado

m.rivas-casado@cranfield.ac.uk

Dr. Fanlin Meng

M.Fanlin@exeter.ac.uk

Prof. Roy Kalawsky

r.s.kalawsky@lboro.ac.uk

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Message from the Guest Editors

Flooding has been increasingly recognized as a global threat due to the extent and magnitude of damage it poses around the world each year. To reduce flood losses, we need to understand both current and future risks, develop cost-effective intervention strategies, and increase the resilience of local communities and critical infrastructure to flood events. This requires innovative approaches, advanced computer models and tools to assess flood risk and resilience. This Special Issue will provide a platform for researchers and engineers to share and discuss state-of-the-art scientific knowledge and best practices in flood management.

This Special Issue aims to address key challenges towards a more flood resilient future, encompassing not only both flood risk and resilience, but also their intersections. It will cover a full suite of flood issues, including, but not limited to, system monitoring and early warning, flood modelling and assessment, structural and non-structural measures, policies and financial instruments, social dynamics and communication by which flood management knowledge within communities is learned and shared.



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Special Issue



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Editor-in-Chief

Dr. Jean-Luc PROBST

ECOLAB, Centre National de la
Recherche Scientifique (CNRS),
University of Toulouse, campus
ENSAT, Auzeville Tolosane,
France

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.

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Contact Us

Water
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
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