Special Issue

Innovative Approaches Applied to Flood Risk Management in Urban Areas

Message from the Guest Editors

Flood risk management plans can be based on three main strategies: (i) measures of a structural nature (defense works, river channeling, etc.); (ii) soft measures through cost-benefit analysis and similar approaches (e.g. risk prevention, education, risk, preparedness, or spatial planning) as well as of the blue and green infrastructure in reducing disaster risk; and (iii) non-structural measures (mostly plans, early warning systems, and civil protection exercises). This Special Issue aims to include contributions with case studies or research articles related to flood risk assessment and risk management strategies (structural, soft and non-structural measures), in urban areas worldwide, addressing both spatial and temporal changes in flood risk drivers, i.e. hazard, exposure, and vulnerability. Additionally, are welcome studies about the impact of flood risk management measures in the hydrological models, and in the interventions at the basin scale in urban areas and adaptation strategies to climate change.

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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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