Special Issue

Recent Advances in the Assessment of Current and Future Flood Risk

Message from the Guest Editor

Non-stationarity, flood model uncertainty, interaction with other hazards and uncertainty in damage or impact assessments. These uncertainties present considerable challenges for decision makers tasked with flood risk management; approaches are required that account for changes to risk and associated uncertainties. **Non-stationarity:** assessing flood risk under climate change, assessing flood risk in changing catchments, and flood frequency analysis considering non-stationarity. **Uncertainty in likelihoods:** quantification of uncertainty in risk assessments; data and flood model uncertainty. **Uncertainty in consequences:** damage modelling accounting for variability and change, transferability of damage models, and accounting for intangible impacts. **Hazard interactions:** multi-hazard risk assessment; quantification of flood risks associated with multiple combined events. **New approaches:** novel application of data science techniques to flood risk assessment and management. **From flood risk assessment to management:** presentation and communication of risk and uncertainty; accounting for uncertain future change in flood-risk management.

Guest Editor

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Deadline for manuscript submissions

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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

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