Special Issue

Natural Flood Management as an Adaptive Pathway to Climate-Resilient Communities

Message from the Guest Editors

Nature-based solutions to managing flooding have become an increasingly attractive approach towards creating climate-resilient communities and places. These solutions, which encompass natural flood management (NFM) interventions, attempt to work with natural hydrological processes to retain and slow water within the upper river catchment, while creating wider benefits such as habitat creation and sediment capture. These approaches work well as a catchment-based approach and incorporate woodland planting, agricultural practices, storage ponds, sustainable urban drainage systems and coastal managed realignment. NFM often involves lower costs when compared to structural and engineered approaches, whilst delivering wider ecosystem benefits. Despite these additional benefits, there has been relatively limited uptake of these approaches due to a variety of barriers, including a lack of scientific evidence, concerns with maintenance and monitoring, and a lack of appreciation of the costs and benefits involved. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Natural_Flood

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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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