

Special Issue

Urban Water Management and Urban Flooding

Message from the Guest Editor

Around the world many cities are growing, increasing the pressure on aging urban infrastructure. In addition, the predictions of future climate changes show that extreme rainfall events will increase in number and strength. Many cities struggle with urban flooding problems today, and the conditions mentioned aggravate the urban flood problems further. Hence, there is a need for methods supporting the timely, sustainable and financially sound management of flood risk in cities. The aim of this Special Issue is to present state-of-the-art research and applications within urban water management and urban flooding, i.e., to bring forward the most recent research not just dealing with water management and modeling itself, but also presenting novel research within flood damage, resilience, green solutions, health risks associated with urban flooding, and other societal and financial aspects. We are encouraging papers that demonstrate new research with an added value to traditional research within urban water and flood management, e.g., by the use of AI, crowd sourcing, and IoT. For further reading, please visit the [Special Issue website](#)

Guest Editor

Dr. Ole Mark
DHI Water - Environment, Horsholm, Denmark

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

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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

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

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