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Integrated Approaches to Manage Floods in Urban Environments

Guest Editors:

Prof. Dr. Chris Zevenbergen

1. Water Science & Engineering
Department, UNESCO-IHE, The
Netherlands;
2. Faculty of Civil Engineering and
Geosciences, Delft University of
Technology, The Netherlands

Prof. Dr. Walid Abdelazim Ibrahim

Sanitary Engineering
Department, Faculty of
Engineering, Alexandria
University

Dr. Mohanasundar Radhakrishnan

Water Science & Engineering
Department, UNESCO-IHE, The
Netherlands

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Message from the Guest Editors

Many cities are currently revisiting their urban flood risk management strategy. There is a shift in focus from reacting to and preparing for singular extreme events to (also) anticipating trends in these types of events. This long-term focus is inherently coupled with large uncertainties as we are uncertain about how physical (climate change) and economic conditions will change, what research and innovation will bring, how societal preferences will develop, etc. Moreover, long lead times of flood protection infrastructure and transformative change of urban infrastructure are prompting (city) governments to consider the long-term horizon.

In this Special Issue, we will address these challenges of taking a long-term perspective, assuming that climatic conditions will drastically change in the future. We would also like to receive contributions on the opportunities arising from an alignment or integration of preparedness and prevention. What is needed for its implementation in cities?" In summary, with this Special Issue, we hope to share international experiences and explore challenges and opportunities of an integrated, anticipatory urban flood risk management strategy.



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Special Issue

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

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Contact Us

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

Tel: +41 61 683 77 34
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