



water

an Open Access Journal by MDPI



Blue-Green Cities for Urban Flood Resilience

Guest Editors:

Dr. Vassilis Glenis

Water Group, School of
Engineering, Newcastle
University, UK

Dr. Claire Walsh

Water Group, School of
Engineering, Newcastle
University, Newcastle, UK

Deadline for manuscript
submissions:

closed (15 October 2021)

Message from the Guest Editors

Dear Colleagues,

Blue-green infrastructure can play an important role in contributing to building flood resilience in urban areas, as well as providing a wider range of environmental, social, and economic benefits to multiple stakeholders at a range of scales. By increasing green and blue features in urban areas, infiltration and permeability are increased, enabling the capture, attenuation, and storage of surface water. Furthermore, features can contribute to improving water quality through filtration, offer amenity value, enhance biodiversity, and provide a lower-cost solution to traditional grey drainage infrastructure.

Contributions considering blue-green infrastructure are welcome that: quantify benefits; seek to understand their effectiveness during different weather events; consider how to best design features; explore their management and maintenance requirements; gather data to provide evidence for a range of functions; and/or compare their value with traditional grey infrastructure.

For further reading, please visit the [Special Issue Website](#).



mdpi.com/si/45823

Special Issue



water



an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)