Special Issue

Freshwater Communities in Human-Altered Ecosystems

Message from the Guest Editors

Rapid human-induced environmental changes, such as warming, nutrient enrichment, habitat fragmentation, and pollution, pose threats to global biodiversity and the functioning of aquatic ecosystems. Macroinvertebrate communities are an important part of aquatic ecosystems, aquatic macroinvertebrates are frequently used for biomonitoring, being able to either respond quickly to deteriorated conditions and/or to bioaccumulate xenobiotics entering water recipients. Although changes could not mean the disappearance of particular species, their behaviour, physiology or life cycle could be altered, affecting the ecosystem's functioning. However, our knowledge about the ecological effects of the mentioned human-induced changes to aquatic ecosystem is very limited. Therefore, the topic of the current Special Issue is more complex, providing a platform to gather information about macroinvertebrate communities, taxonomic groups or single species and their responses to various stressors linked to human activities.

Guest Editors

Dr. Martin Bláha

University of South Bohemia, Faculty of Fishery and Protection of Waters, Research Institute of Fish Culture and Hydrobiology, Zátiší 728/II, 38925 Vodňany, Czech Republic

Dr. Kateřina Grabicová

Faculty of Fishery and Protection of Waters, Research Institute of Fish Culture and Hydrobiology, University of South Bohemia, Zátiší 728/II, 38925 Vodňany, Czech Republic

Deadline for manuscript submissions

closed (10 December 2021)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.8

mdpi.com/si/52511

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

mdpi.com/journal/water

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.8

mdpi.com/journal/water

About the Journal

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

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 (Water Science and Technology)

MDPI