



water



an Open Access Journal by MDPI

Disentangling Influences of Natural and Human Factors on Aquatic Ecosystems

Guest Editors:

Dr. Lizhu Wang

International Joint Commission
and School for Environment and
Sustainability, University of
Michigan, Ann Arbor, MI 48109,
USA

Dr. Yong Cao

Illinois Natural History Survey,
University of Illinois –
Champaign, Champaign, IL
61820, USA

Dr. Dana Infante

Department of Fisheries and
Wildlife, College of Agriculture &
Natural Resources, Michigan
State University, East Lansing, MI
48824, USA

Deadline for manuscript
submissions:

closed (31 March 2023)

Message from the Guest Editors

The characteristics of aquatic systems are determined by natural factors (e.g., geology, soil, topography, climate, biotic dispersal and accessibility) and anthropogenic factors (e.g., changes in land use/cover, intensity of point and non-point pollution, ecoservice extraction, unintended feedback of resource management, invasive species, population density and migration) at different temporal and spatial scales. In addition, human-induced climate change has a strong influence on both natural and anthropogenic factors. Hence, it is imperative to include and distinguish natural and anthropogenic factors in the study of aquatic ecosystems, in order to improve science and natural resource management. This Special Issue focuses on the developments, evaluations, reviews, and applications of conceptual frameworks and statistical methods applicable to disentangling the effects of natural environment and human disturbances [...]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/aquatic_systems



[mdpi.com/si/106523](https://www.mdpi.com/si/106523)

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)