



water

an Open Access Journal by MDPI



Effects of Species Introduction on Aquatic Communities

Guest Editors:

Dr. Frédéric Santoul

EcoLab (UMR5245 CNRS-UPS-
INPT) University Toulouse III -
Paul Sabatier

Dr. Stéphanie Boulêtreau

EcoLab (UMR5245 CNRS-UPS-
INPT) University Toulouse III -
Paul Sabatier

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

Aquatic communities are deeply affected by human pressure such as species introduction, which remains a major concern for these communities. The arrival of new species can result in different ecological effects, and sometimes leads to biological invasions and adverse impact. Introduced species establish new interactions (e.g., predation, parasitism, competition) with the recipient community that can modify the aquatic community structure, composition, and functions. We especially lack information on how species introduction can be a dominant force in regulating aquatic communities by its creation of new interactions. Analyses of the life history traits (e.g., nest-guarding) of these introduced species can also be of importance to understand how these species become established in aquatic ecosystems. Understanding these traits and interactions remains a key concern of conservation biology. The aim of this Special Issue of *Water* is to explore these topics, although other topics (e.g., behavior, molecular approaches) are also welcome.

Dr. Frédéric Santoul

Dr. Stéphanie Boulêtreau

Guest Editors



mdpi.com/si/21749

Special Issue



water



an Open Access Journal by MDPI

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

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 (*Water Science and Technology*)

Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
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)