Special Issue

Trophic Interactions in Warm Freshwater Ecosystems

Message from the Guest Editors

Trophic interactions are key for the structure and function of ecosystems. Most of the theoretical and empirical studies on trophic interactions and the consequences on ecosystem functioning, with applications to ecosystem restoration and rehabilitation, have been conducted in temperate climates, but increasing evidence suggests that, under warm climates, the strength of interactions and some cascading effects may differ. Ecosystems in warm climates are more sensitive to anthropogenic impacts, such as eutrophication and water extraction, imposing different scenarios for the biota. Consequences for the theoretical basis of restoration strategies are thus being critically reviewed. These pieces of evidence are also contributing to the prediction of effects to be expected with climate warming. In the Special Issue, we welcome articles describe trophic interactions in warm climate freshwater ecosystems (ponds, lakes, streams, rivers, lagoons, floodplains). We encourage comparative studies, manipulative experiments, long-term field studies, modelling and field experiments where clear hypotheses are tested.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2019)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/14776

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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

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