

Special Issue

Anthropogenic and Climatic Disturbances in Aquatic Ecosystems: Multiscale Spatio-Temporal Evolution and Effects

Message from the Guest Editor

Freshwater systems, coastal zones and open sea regions are currently affected by a variety of hydrological, geochemical and biological transformations originated by a complex interaction of anthropogenic and climatic disturbances, which mainly act on spatial scales ranging from meso to mega and temporal scales from daily to centennial.

This Special Issue is focused on the analysis of the evolution of aquatic ecosystems over a large variety of spatial and temporal scales, in order to identify the effects of concomitant anthropogenic and climatic forcings. Aquatic systems from tropical to polar regions can be considered. We encourage the submission of specific and multidisciplinary studies based on field and laboratory experiments, the reanalysis of data series, and ecological modelling, as well as papers providing reviews and synthesis of the scientific literature.

This Special Issue is the second volume, following the previous one titled “Anthropogenic and Climatic Disturbances in Freshwater and Coastal Ecosystems: Interactive Impacts and Expected Threats.”

Guest Editor

Dr. Stefano Cozzi
CNR–ISMAR Marine Science Institute, 34149 Trieste, Italy

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

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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

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

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