

Special Issue

Anthropogenic and Climatic Disturbances in Freshwater and Coastal Ecosystems: Interactive Impacts and Expected Threats

Message from the Guest Editor

In the last century, freshwater and coastal marine environments have been impacted by growing anthropogenic pressure, which is now globally spread. Discharges of nutrients, pollutants, sediments, and biogeochemical transformations originated by an intensive usage of ecosystem services, have often definitively changed the structure of these aquatic environments. At the same time, these environments are currently exposed to direct and indirect disturbances originated by the climate change, as their status depends on the evolution of meteorological conditions, runoff, extreme events, hydrology, circulation, sea level, and orographic characteristics. This Special Issue will explore current and expected interactions between anthropogenic pressures and climate change in freshwater and coastal ecosystems. Multidisciplinary studies based on experimental activities, reanalysis of data-series, ecological modeling, and review and synthesis of the scientific information are encouraged.

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2022)



Water

an Open Access Journal
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Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/32650

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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

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