Special Issue

The Impact of Environmental Stressors on Carbon Dynamics in the Aquatic System

Message from the Guest Editor

Inland waters tend to process and transport large quantities of terrestrial carbon and both bury and emit carbon to the atmosphere, making them important to the global carbon cycle. However, there remain significant gaps in our knowledge of how carbon loading and carbon processing are changing over time in response to environmental stressors. Our ability to predict emergent global patterns is further limited as most research has been carried out in the temperate climatic zones of Europe and North America, and a small number of boreal and Arctic systems. For this Special Issue, we are soliciting papers that investigate the effects of specific or multiple stressors on carbon dynamics in inland waters, including both small-scale mechanistic studies and broad-pattern analyses of changes, including research describing understudied regions or system-types.

Guest Editor

Dr. Soren Brothers

Department of Watershed Sciences / Ecology Center, Utah State University, Logan, UT, USA

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

mdpi.com/journal/water

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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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