Special Issue

Addressing the Environmental Impacts of Hydropower

Message from the Guest Editors

As global demand for lower carbon sources of energy increases, many there have been renewed interests in hydropower development. However, hydropower dams and their operation have the potential to produce a variety of environmental impacts. Similarly, new water power technologies can present a variety of stressors to aquatic organisms. For this special issue on the environmental effects of hydropower, we welcome papers that discuss:

- original research (laboratory and field) on any of these environmental impacts described above,
- quantitiative analyses of large-scale biological impacts,
- quantitative analysis of ecosystem-level impacts,
- innovative science- and technology-based solutions designed to reduce or account for impacts,
- innovative approaches to site selection or prioritization that seeks to reduce environmental impacts,
- design features that mitigate specific enviornmental stressors,
- regional and continental differences in impacts and solutions,
- case studies,
- other topics related to the environmental impacts of hydropower.

We are especially interested in papers that pressent possible solutions to address these environmental issues.

Guest Editors

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closed (30 September 2020)

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About the Journal

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
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