Special Issue

Aquatic Engineering Enhancing Natural Biological Production and Purification Processes

Message from the Guest Editor

Aquatic ecosystems have various roles known as ecosystem services that benefit humanity, such as providing/regulating biodiversity, food resources, and the environment. To sustainably gain such benefits, we have to not only perform restoration, but also understand the potential ability of ecosystems, stimulate activities of indigenous organisms, and suitably harvest overgrown/decommissioned organisms to enhance turnover. Our aim is to gather traditional and new aquatic engineering techniques and related knowledge on enhancing biological production and nutrients/organic removal processes in natural aquatic systems, and to discuss key organisms, habitats, resources, and ecosystem processes for the further development of engineering techniques.

Guest Editor

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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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