

Special Issue

Development of New Tools and Techniques for Aquatic Monitoring and Conservation

Message from the Guest Editors

In recent times, there has been a continuous trend of improving tools and methods for the conservation of aquatic ecosystems. A large number of traditional tools and techniques of aquatic monitoring and conservation, rooted in fundamental ecology, are continuously being supplemented with methods and practices from other disciplines such as genetics, oceanography, limnology and a wide range of social sciences. An integrative approach is often highlighted as needed to address the growing challenges facing aquatic ecosystems. This Special Issue will cover a wide range of topics, from global threats to biodiversity such as habitat destruction or degradation, overexploitation, species invasion and water pollution, to specific threats to particular habitats such as groundwater-dependent ecosystems and the interstitial environments that are largely neglected in both recent scientific studies and in management plans for aquatic ecosystems conservation.

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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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