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Freshwater Quality as a Driver of Aquatic Ecosystem Health

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Deadline for manuscript submissions:
closed (31 January 2019)

Message from the Guest Editors

There is still growing demand for more knowledge-based actions on freshwater quality change in water ecosystems as habitats for a diversity of aquatic organisms. The last few decades have brought a number of reports on the mechanistic understanding of the hydro-biogeochemical processes governing mobilization, transport, fate, and effects of pollutants in order to assess and implement the best abatement practices. On the other hand, a variety of restoration actions have been undertaken to recover degraded freshwater ecosystems to healthy conditions, simultaneously promoting the biodiversity development and ecosystem services.

We would like to call for papers exploring potential effects of water quality change on freshwater ecosystems in changing climate; the impacts of various organic and non-organic pollutants delivered to freshwater ecosystems. The research results referring to potential ecological risks, benefits, and costs of water quality improvement are required to enhance ability to predict and identify impacts and to evaluate management options.

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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.

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