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Assessment of Water Quality and Pollutant Behavior

Guest Editors:

Prof. Dr. Fuhong Sun

Chinese Research Academy of Environmental Sciences, Beijing, China

Dr. Fanhao Song

Chinese Research Academy of Environmental Sciences, Beijing, China

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Message from the Guest Editors

This Special Issue aims to explore the environmental behaviour of water elements and pollutants, the interaction between pollutants and aquatic organisms, and their ecological effects. This Special Issue conducts an in-depth and systematic cross-disciplinary research analysis on water environmental quality assessment (including environmental science and engineering, ecology, earth science, environmental chemistry, etc.). The research results can provide scientific basis and theoretical support for evaluating water quality and potential ecological risks of emerging pollutants. This Special Issue focuses on the assessment of water quality and pollutant behaviour, including (but not limited to) the following topics:

- An evaluation of water elements, such as carbon, nitrogen, and phosphorus;
- Environmental behaviours such as the migration and transformation of pollutants;
- Relationships between pollutant stress and ecological status;
- The synergistic ecological effects of water elements and environmental pollutants.

For further reading, please follow the link to the Special Issue Website at:

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Special Issue



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Dr. Jean-Luc PROBST

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

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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Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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