

Special Issue

The Eutrophication of Freshwater Ecosystems

Message from the Guest Editor

Freshwater ecosystems include lakes, reservoirs, rivers, streams, wetlands and, sometimes, entire drainage basins. Over 100,000 species live in streams and wetlands. Today, numerous freshwater ecosystems are under stress due to urban and agricultural runoff, toxic chemicals, and invasive species. In the United States, for example, nearly 50% of lakes and rivers do not currently meet water quality standards. The major pollutants affecting freshwater ecosystems are nitrogen and phosphorus. There are many challenges to improving water quality, including technical and economic challenges as well as climate change. In this Special Issue, we invite submissions of research papers, review articles, and case studies on topics such as the effects of pollutants on ecosystems, hydrologic and water quality modeling, invasive species, water quality and land use relationships, and long-term water quality trends in lakes, rivers, and streams.

Guest Editor

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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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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