

Special Issue

Application of Ecohydrology Approach for Mitigation of Freshwater Ecosystems Contamination

Message from the Guest Editor

Water is the primary medium responsible for the transport of matter, nutrients, and pollutants from the catchment, global change will influence the concentrations and loads of pollutants in freshwater ecosystems such as rivers, lakes, and dam reservoirs. It is crucial to monitor and mitigate the degradation/pollution level of freshwater ecosystems. The first step toward reducing water ecosystem degradation is a thorough assessment of its condition. This assessment should include a broad spectrum of analyses of the given ecosystem pollution status in relation to the individual components of the environment, together with the interactions and processes that determine the pollution status, and then using the knowledge of these links to improve the quality of the environment. In sight of this, the main goal of this Special Issue is to bring together studies looking into (1) the pollution of freshwater ecosystems, (2) the roles played by the factors and processes determining ecosystem pollution status and (3) the nature-based solutions enabling safe remediation of the contaminated environmental matrices.

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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