Special Issue

Multiple Stressors Effects on Soil and Freshwater Ecosystems, in a Climate Change Scenario

Message from the Guest Editor

Degradation of ecosystems at different spatial and temporal scales occurs through multiple stressors, resulting in a loss of biodiversity and in an impoverishment of ecosystem services. Nowadays, the preservation of the structure and function of ecosystems is essential to ensure economic, cultural, and recreational benefits for the human population and to guarantee the maintenance of ecological balance with the protection of biodiversity. The global change scenario, with the appearance of new stressors and changes at climate patterns (including drought, temperature increase and intensification of heavy rainfalls), may negatively influence the quality of soil and freshwater systems, incrementing its scarcity and degradability. The main goal of this Special Issue is to bring together current research and reviews looking into the dynamic and impacts of emergent contaminants and/or potentially toxic metals on freshwater and soil ecosystems, from the perspective of climate change. Submissions addressing water and soil quality studies, ecological and ecotoxicological indicators, risk assessment methodologies, and environmental prioritization studies are also welcome.

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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