

Special Issue

Advances in Phytomanagement of Arsenic and Emerging Contaminants in Soil and Water

Message from the Guest Editors

The long-standing presence of heavy metals and metalloids such as arsenic and the increasing prevalence of contaminants of emerging concern (CECs), including pharmaceuticals, pesticides, industrial chemicals, micro and nanoplastics (MNPs), and perfluoroalkyl substances (PFASs), significantly threaten environmental and human health. Conventional remediation methods, while effective, are often associated with high costs and ecological risks, resulting in soil and water degradation. In this context, there is an urgent need to identify and promote sustainable and innovative approaches.

Phytomanagement, which integrates phytoremediation with ecosystem services and sustainable land use, has gained attention as a cost-effective and environmentally friendly strategy for mitigating such contamination.

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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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