Special Issue

Removal of Heavy Metals and Other Pollutants from Aqueous Solutions

Message from the Guest Editors

Water, a crucial natural resource, unfortunately, rapid economic growth, industrialization, and population expansion have deteriorated water quality.

This pollution, which contains various toxins including heavy metals, inorganic and organic compounds, and emerging contaminants, poses a serious threat to water bodies and ecosystem health. Consequently, researchers have been exploring novel treatment approaches to address this issue. In response, this Special Issue of the Water journal focuses on advancing our understanding of the development and application of innovative techniques for identifying and removing contaminants from aquatic environments.

Original research and review papers are encouraged, covering diverse areas such as the removal of heavy metals from aquatic environments; water and wastewater treatment utilizing physical, chemical, and biological methods; and the elimination of organic and inorganic contaminants. By addressing these critical research areas, this Special Issue aims to contribute to the preservation and restoration of water quality, ensuring its sustainability for future generations.

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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

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