Special Issue

Sustainable Treatment of Heavy Metals: Energy- and Cost-Efficient Methods

Message from the Guest Editor

Heavy metals are important contaminants in water and soil systems. Although there are many technologies treating heavy metals in water and soil, conventional technologies consume substantial energy and/or chemicals. To deal with climate change according to the Paris Agreement, energy-efficient technologies with low carbon footprint should be developed and shared. Furthermore, to treat contaminants during sustainable development, cost-effective technologies are needed particularly in developing countries. The aim of this Special Issue is therefore to encourage the sharing of research about energy- and cost-efficient technologies to treat heavy metals in water or soil. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Energy-efficient treatment of water and soil;
- Alternative treatment chemicals to reduce carbon footprint;
- Passive treatment of dissolved heavy metals;
- Soil stabilization by cost-efficient materials;
- Sorption of heavy metals.

I look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2023)

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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