# Special Issue

# Functionalized Bioadsorbent Materials for Water Treatment and Environmental Sustainability

## Message from the Guest Editor

Biosorption is an economical and environmentally friendly process representing an attractive alternative for the removal of pollutants. The main element of the biosorption process is the bioadsorbent. Bioadsorptive materials has dual advantages: i) reducing waste and its negative impact on the environment; ii) such material is used to eliminate pollution at a low cost and promote a circular economy. It is only through concerted action at multiple levels that the challenges of functionalized bioadsorbent generation can be effectively addressed. For this Special Issue, both original research articles and reviews are welcome. Research areas may include (but are not limited to):

- Innovative techniques for functionalized bioadsorbent materials;
- Case studies and analyses of biosorption-based water treatment;
- Environmental sustainability;
- International cooperation in water treatment by functionalized bioadsorbent materials;
- Education and environmental awareness;
- Biosorption mechanisms;
- Bioaccumulation mechanisms;
- Kinetic studies;
- Analytical methods for characterization of materials in terms of their morphology and composition.

## Guest Editor

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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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