Special Issue

Frontiers in Nanomaterials Utilization in Water Treatment

Message from the Guest Editors

Nanomaterials have gained considerable attention in the past few decades for applications in various fields. Owing to their unique characteristics, nanomaterials have also been widely explored for application in water remediation. Their high surface area, ease of surface modification, presence of abundant functional groups, chemical stability, excellent thermal and mechanical properties, and easy regeneration have made them ideal candidates for the removal of numerous pollutants from water. The target of this Special Issue is to document the recent advances in this field (via research articles and review), particularly regarding the applications of various nanomaterials in water treatment, including but not limited to the synthesis and application of nanomaterials in adsorption, membranes, nanocomposites, photocatalysis, capacitive deionization, and degradation of pollutants. The goal of this Special Issue is to assist researchers in the field of water treatment to study the current significant progress in nanomaterials toward the development of effective water treatment applications.

Guest Editors

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Deadline for manuscript submissions

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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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