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Nanomaterials for the Environmental Remediation of Water and Soil

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Message from the Guest Editors

Dear Colleagues

Nanomaterials in the form of catalysts, chemical oxidants, and adsorbents guarantee the rapid detection and consequent detoxification of various contaminants such as pharmaceuticals, pesticides, drugs, aromatic heterocycles, volatile organic compounds, heavy metals, and inorganic ions from water, air, and contaminated land sites. This proposed Special Issue will focus on prospects and challenges in nanoremediation and environmental clean-ups. This Special Issue welcomes contributions from all researchers working on the possibility to use waste-derived precursors for preparing nanomaterials for environmental remediation of water and soil.

Some topics of interest covered by this Special Issue include but are not limited to:

- Sustainability in agro-based bioeconomy;
- Green technology and natural resources;
- Fabrication of nanoparticles and nanobiocomposites;
- Carbon nanoparticles;
- Industrial, electric/electronic, and plastic waste for environmental clean-ups;
- Groundwater remediation and desalination for drinking and reuse;
- Decontamination of mining or wastes sites.



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Special Issue



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Message from the Editor-in-Chief

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