



Development of Advanced Materials and Technology for Green and Sustainable Environmental Remediation

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Message from the Guest Editors

This Special Issue aims to compile recent research studies on the application of advanced materials and technologies to remediate or restore soil, water, and air environments contaminated with heavy metals, persistent organic pollutants, as well as other emerging pollutants. The articles presented in this Special Issue may also cover topics such as the optimization of sustainable and green remediation tools; key factors (e.g., environmental matrix, global climate change) affecting the effect of remediation; risk assessment; etc. Authors are invited to submit original research papers and reviews that address the following topics:

1. The development of advanced, green, and eco-friendly materials for the decontamination of pollutants;
2. Application of chemical, biological, and physical technologies to reduce the bioavailability and toxicity of contaminants;
3. The potential synergistic effects of combining functional materials (e.g., carbon-, phosphorus-, and iron-based materials) with other remediation methods for ecosystem restoration;





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Message from the Editor-in-Chief

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