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Emerging Remediation Technologies for PFAS-Contaminated Soils

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Message from the Guest Editors

Dear Colleagues,

This Special Issue, titled "Emerging Remediation Technologies for PFAS-Contaminated Soils", focuses on the latest advancements in addressing the pervasive environmental challenge posed by poly- and perfluoroalkyl substances (PFAS) contamination in soils. PFASs, known for their persistence and resistance to degradation, pose significant risks to ecosystems and human health. This Issue compiles cutting-edge research on innovative remediation technologies, including physical, chemical, and biological approaches, to effectively mitigate PFAS contamination. Key topics include novel adsorption materials, advanced oxidation processes, electrochemical methods, and phytoremediation techniques. This Special Issue aims to highlight the effectiveness, scalability, and sustainability of these emerging solutions, providing a comprehensive overview for researchers, policymakers, and environmental practitioners. By showcasing successful case studies and experimental breakthroughs, this collection of studies seeks to drive forward the development and implementation of effective strategies to remediate PFAS-contaminated soils and protect environmental and public health.



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Special Issue



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Message from the Editor-in-Chief

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