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Green Energy from Soil Remediation

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Deadline for manuscript submissions:
10 December 2024

Message from the Guest Editors

Green energy is recognized as a sustainable solution to issues related to environmental concerns and the depletion of non-renewable energy sources. It also aligns with the circular economy, which is sustainable and is recommended as a alternative for mitigating the negative impact of soil contaminants. Green energy also involves promoting renewable energy production and by implementing hydro, wind, and solar projects and projects centered on biomass utilization.

A sustainable strategy for soil remediation should consider using biomass not only for producing bioplastics, biomaterials, and chemicals but also for processing it into bioenergy in solid, liquid, and gaseous forms. The answer lies in a new integrated strategy for phytoremediation and bioenergy, based on the supported and enhanced cultivation of energy crops on contaminated soil in accordance with the concept of sustainable development.

This Special Issue aims to present the latest achievements and in-depth research in this field, focusing on all aspects of soil remediation under the pressure of a wide range of contaminants, resulting in green energy, which is crucial in the sustainable development strategy.

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Message from the Editor-in-Chief

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Journal Rank: CiteScore - Q1 (Control and Optimization)

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