Special Issue

Green Energy from Soil Remediation

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.

Guest Editors

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Deadline for manuscript submissions

closed (10 December 2024)

Energies

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.2

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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