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In Situ Cleanup of Contaminated Soil and Groundwater

Guest Editor:

Message from the Guest Editor

Dr. Maximilian Lackner

Faculty of Industrial Engineering, University of Applied Sciences Technikum Wien, Höchstädtplatz 6, 1200 Wien, Austria

Deadline for manuscript submissions: closed (30 April 2023) Dear Colleagues,

There is a huge number of contaminated sites, where previous industrial or other activity has led to hydrocarbons, heavy metals, or other compounds in the soil and groundwater. Traditional remediation technologies work by excavating and disposing of the contaminated material. This procedure is costly and associated with significant environmental burdens. Novel approaches aim to carry out a cleanup directly on the spot (in situ). The advantages of in situ techniques are time and costs. However, they are not always known or utilized.

This Special Issue collects in situ processes for brownfield remediation. The Special Issue will provide an up-to-date overview of what in situ techniques allow to achieve.

- brownfield
- remediation
- in situ
- pollutants
- mineral hydrocarbons
- aromatic hydrocarbons
- enzymes
- heavy metals









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Editor-in-Chief

Message from the Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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