Special Issue

Sustainable Remediation Strategies for Metal-Contaminated Soil and Sediments

Message from the Guest Editor

A variety of in situ and ex situ remediation techniques exist to manage the metal-contaminated sites (soils and sediments) as a result of industrial, agricultural, and urban activities. Ex situ techniques include removal of the contaminated soil or sediment, contaminant fixation or isolation, and washing processes. In situ processes include (a) biological methods such as phytoremediation, (b) flushing with various additives, (c) chemical reductive and oxidative treatments, and (d) stabilization/solidification or capping. To reduce the impacts of the contaminated site and the remediation technologies and enhance sustainability, new efforts are required to ensure a reduction in resource requirements, the impact of chemical additives, carbon dioxide emissions, and waste generation to protect the public and the environment. This Special Issue aims to receive submissions of high-quality, original, and previously unpublished research for innovative sustainable remediation technologies, assessment frameworks, and site restoration. Topics related to the incorporation of resilience due to climate change in remediation practices are also welcome.

Guest Editor

Prof. Dr. Catherine Mulligan
Civil and Environmental Engineering, Department of Building, Concordia University, Montreal, QC H3G 2W1, Canada

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Toxics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxics@mdpi.com

mdpi.com/journal/toxics

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Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

Editor-in-Chief

Dr. Demetrio Raldúa
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18, 08034 Barcelona, Spain

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