

## Special Issue

# Heavy-Metal Soil Contamination: Sources, Opportunities, and Sustainable Solutions

### Message from the Guest Editor

This Special Issue will offer an interdisciplinary perspective and apply new insights to examine soil contamination and promote environmentally sustainable management. With urban growth and the ongoing expansion of populations into abandoned industrial, mining, urban, traffic, and military areas, innovative technologies for soil modeling processes and remediation represent an increasingly important research topic. We welcome the submission of papers on the occurrence, migration, and accumulation of rare-earth elements and potentially toxic elements in soils and dust, originating from various natural sources and anthropogenic sources. Sustainability is a new priority in the remediation of contaminated land. Research on the behavior and spatial distribution of both native and non-native potentially harmful elements in soils is essential to the restoration of contaminated sites. The potential of artificial intelligence (AI), machine learning (ML), and deep learning (DL) to tackle these challenges is significant, as the advent of these technologies has transformed data management and analysis processes.

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### Guest Editor

Dr. Pedro Tume

Civil Engineering Department, Universidad Católica de la Santísima Concepción, Concepción, Chile

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### Deadline for manuscript submissions

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*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

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