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Heavy Metal and Potentially Toxic Elements (PTE) Contamination of Soil

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Message from the Guest Editors

Dear Colleagues,

Heavy metal and other inorganic potentially toxic elements (PTE) contamination is one of the major problems for the soil environment. Heavy metal and PTE contamination of the soil creates high risks for human health. Moreover, long-term exposure to heavy metals also represents a relevant hazard to biodiversity. Although these elements have been studied for a long time, the problem of heavy metals and PTE is still of the greatest relevance. Further inorganic elements are becoming increasingly important. New concerns are emerging deriving from the effects of climatic changes. In those polluted areas where no remediation has been carried out, this kind of pollution may become a real time bomb.

The aim of this Special Issue is to collect the most recent results of research on heavy metals and other inorganic elements in soils, with particular interest in the relation to their possible transfer in the food chain, the remediation strategies for contaminated soils, the waste disposal and potential recovery of these elements to reduce their environmental impacts.

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Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal Environments, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

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