

Special Issue

Heavy Metals in Soil and Plants of Agroecosystems: Contamination and Remediation

Message from the Guest Editor

Soil contamination is one of the main global problem which significance was underlined in Thematic Strategy For Soil Protection (UE COM 2012/46). According to the principles of sustainable agriculture, the release of heavy metals into the environment should be avoided and if possible limited. It is necessary to strive for their further recognition and improvement. An interesting and complementary one can be biomonitoring based on phytotests, indicator plants, sensitive to heavy metals.

The special issue is devoted to the practical remediation methods of contaminated soils. The issue aims are provide a unique possibility to share studies, experience and knowledge in following main topics: effect of environmental conditions on the bioavailability of heavy metals, innovative and sustainable methods of soils remediation, the role of organic and inorganic sorbents in the restoration of contaminated soils, possibility of waste utilization for heavy metal stabilization purpose in soil, assessment of crop contamination with heavy metals from the food security point of view, possibility of using phytotests in practice when identifying soil contamination with heavy metals.

Guest Editor

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

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