



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

Guest Editor:

Prof. Dr. Monika Jakubus

Department of Soil Science and
Microbiology, Poznan University
of Life Sciences, Szydlowska 50,
60-656 Poznań, Poland

monika.jakubus@up.poznan.pl

Deadline for manuscript
submissions:

31 January 2023

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.





International Journal of *Environmental Research and Public Health*

IMPACT
FACTOR
3.390

Covered in:
PubMed

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

Department of Biology, College of Science, Engineering and Technology, Jackson State University, 1400 Lynch Street, Box 18750, Jackson, MS 39217, USA

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access journal.

Author Benefits

Open Access:— free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and many other databases.

Journal Rank: JCR - Q1 (*Public, Environmental & Occupational Health*) / CiteScore - Q2 (*Public Health, Environmental and Occupational Health*)

Contact Us

*International Journal of
Environmental Research and Public
Health*

MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijerph
ijerph@mdpi.com
@IJERPH_MDPI