



Soil Contamination and Ecotoxicity

Guest Editors:

Dr. Bożena Smreczak

Institute of Soil Science and Plant
Cultivation—State Research
Institute, 24-100 Puławy, Poland

Prof. Dr. Alicja Kicińska

Faculty of Geology, Geophysics
and Environmental Protection,
AGH University of Science and
Technology, 30-059 Krakow,
Poland

Prof. Dr. Eleonora Wcisto

Institute for Ecology of Industrial
Areas, 40-844 Katowice, Poland

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Message from the Guest Editors

An increasing world's population of people and a rising demand for agricultural products and other goods provided by industry lead to an increased pressure on soils in every region. One of the main threat affecting soils on the local and global scale is pollution influencing soil functions and ecosystem services.

Pollutants in soils usually create a mixture inducing a different response from that of single substances which ranging from innocuous to toxic. For many emerging pollutants, the effect on living organisms, their dissipation rates, aging processes, degradation pathways and formation of by-products which may influence their toxicity are still unknown. In many countries, soil quality criteria of pollutant concentrations are supported by risk assessment tools. Such approaches apply various field investigations, laboratory studies, and models enabling prediction of the extent to which the soil pollution poses a real risk to the environment and human health.

This Special Issue provides information for better management of polluted soils and implementation of economically effective remediation techniques in order to ensure the living organisms safe and healthy conditions.





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Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health
Disparities Research and
Innovation, Richard Dixon
Research Center, Morgan State
University, 1700 E. Cold Spring
Lane, Baltimore, MD 21251, 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.

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