

Special Issue

Soil Degradation, Soil Pollution and Ecological Restoration

Message from the Guest Editors

Soil degradation is defined as a change in the soil health status, resulting in a diminished capacity of the ecosystem to provide goods and services for its beneficiaries. Degraded soils have a health status such that they do not provide the normal goods and services of the particular soil in its ecosystem. Ecological rehabilitation is required when the soil is degraded to such an extent that the land becomes unproductive.

- Physical aspects of soil degradation including but not limited to soil sealing, erosion and compacting.
- Chemical aspects of soil degradation including but not limited to soil nutrient depletion, organic carbon loss, acidification, alkalization and salinization.
- Soil biological degradation such as decrease of soil biological diversity, shift of microbial community, fall of soil microbial biomass or activity, decay of ecological function, occurrence of soil-borne disease, etc.
- Soil pollution such as heavy metal, organic pollutant, solid waste, micro-plastics, and radioactive contaminant.
- Innovations in theory and technology of assessments and potential solutions for soil degradation.

Guest Editors

Prof. Dr. Bo Sun

Dr. Ming Liu

Dr. Yan Chen

Deadline for manuscript submissions

closed (30 January 2023)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/90991

*International Journal of
Environmental Research and
Public Health*

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

ijerph@mdpi.com

mdpi.com/journal/

ijerph





International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



[mdpi.com/journal/
ijerph](https://mdpi.com/journal/ijerph)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Paul R. Ward

School of Society and Culture, Adelaide University, Adelaide 5001,
Australia

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)