

## Special Issue

# Field-Scale, Laboratory-Scale, and Pore-Scale Studies in Subsurface Hydrology and Hydrogeology

### Message from the Guest Editor

There are 1322 Superfund sites on the National Priorities List (and 53 new sites proposed) still awaiting the completion (or beginning) of environmental remediation in the USA. The time necessary to clean up a typical site will likely exceed 100 years. The national Superfund Cleanup debt continues to grow, and it has been estimated to be well above a trillion dollars. Similarly challenging environmental remediation awaits completion (or beginning) in other industrialized and industrializing countries. Therefore, new approaches to and ideas for soil and aquifer remediation as well as protection are desperately needed.

With this in mind, we encourage submissions with new insights into the structure of pore/fracture spaces and transport of water, contaminants, and/or nutrients through these spaces in saturated and unsaturated (vadose) zones. We encourage submissions involving experiments that refine or challenge our understanding of these processes. We would like to see a mixture of papers across all scales of the subsurface media, from the pore scale through the laboratory scale to the field scale.

---

### Guest Editor

Dr. Zbigniew Kabala

Department of Civil & Environmental Engineering, Duke University,  
Durham, NC 27708, USA

---

### Deadline for manuscript submissions

closed (31 January 2021)



## International Journal of Environmental Research and Public Health

---

an Open Access Journal  
by MDPI

---

CiteScore 8.5  
Indexed in PubMed



[mdpi.com/si/27302](https://mdpi.com/si/27302)

*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](mailto:ijerph@mdpi.com)

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

[ijerph](https://www.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)