Special Issue

Water Reuse Applications and Public Health

Message from the Guest Editor

The availability and accesibility of good quality water for all is SDG 6 (Clean Water and Sanitation) of the Sustainable Development Goals of the 2030 Agenda for Sustainable Development. Water resource sustainability is largely dependent on rational water use and reuse.

To date, the most known risks associated with civil waste reuse are infection, concern for irrigated product consumption and occupational exposure. Pathogenic microorganisms are present in urban sewage at very high concentrations. Moreover, an enormous variety of potentially harmful substances are present in the sewage, such as nutrient and toxic substances including heavy metals and the so-called "compounds of emerging concern" (CECs). Unfortunately, the regulation of reuse waters is very uneven-in some countries it is non-existent and in others very restrictive. Therefore. the reuse of waste water is a challenge that can result beneficial only if all aspects are dealt with accordingly and accompanied by effective communication of the risks. This Special Issue of the IJERPH focuses on the current state of knowledge of the links between water reuse and human health.

Guest Editor

Dr. Cristina Pignata

Department of Public Health and Pediatrics, University of Torino, Via Santena 5bis, 10126 Torino, Italy

Deadline for manuscript submissions

closed (31 December 2021)



International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/42365

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





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

Centre for Public Health, Equity and Human Flourishing, Torrens University Australia, Adelaide 5000, 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)