

Special Issue

Sustainable Drinking Water Resources Management

Message from the Guest Editors

The sustainable management of drinking water resources and infrastructure is a topic of current interest due to multiple challenges, such as climate change, the deterioration of water resource quality, growing demand, and the deterioration of most water distribution systems worldwide (affecting, among other things, the availability of water). In recent years, the development and integration of multidisciplinary methods, also boosted by innovative digital approaches, have allowed significant advancements in the field of drinking water management. This encompasses components, quality monitoring, system resilience, hazard forecasting and impact mitigation techniques. The aim of this Special Issue is to collect contributions that discuss methodological and multi-disciplinary approaches to assess the sustainable management of drinking water resources and the vulnerability of drinking water distribution systems. Such discussion will help to improve the security of these systems, the safety of people, and protection of the environment, in accordance with the overall goals of sustainability.

Guest Editors

Dr. Daniela Pantusa

Department of Environmental Engineering, University of Calabria,
87036 Rende, Italy

Prof. Dr. Mario Maiolo

Department of Environmental Engineering, University of Calabria,
87036 Rende, Italy

Dr. Rita Maria Ugarelli

SINTEF Community, 0314 Oslo, Norway

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/51964

*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](https://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

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)