



Drinking and Industrial Water Treatment

Guest Editor:

Prof. Dr. Andre Lerch

Chair of Process Engineering in
Hydro Systems, Institute of
Urban and Industrial Water
Management, Faculty of
Environmental Sciences,
Technische Universitaet Dresden,
01062 Dresden, Germany

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editor

Ensuring a secure supply of clean drinking water and promoting sustainable industrialisation with support of innovative technologies and production methods are objectives of the Sustainable Development Goals (SDGs) of the United Nations. In the field of drinking water management, it becomes apparent that raw water sources, both groundwater and surface water, are increasingly threatened by anthropogenic pollution with plastics and micropollutants, especially persistent mobile and toxic contaminants, and potentially harmful multiple antibiotic resistant bacteria and genes as well as viruses. Climate change, with its decreasing or strongly fluctuating fresh water resources and increasing number of storm events, is continuing to make an impact. Hence, the development and optimisation of innovative and sustainable processes is of particular importance for the environment and public health.

We would like to invite you to share your work on the above-mentioned fields in the research and development of drinking and industrial water treatment processes with the scientific community and submit your research and review papers to this Special Issue.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul R. Ward

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

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.

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)

Contact Us

*International Journal of
Environmental Research and Public
Health* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijerph
ijerph@mdpi.com
X@IJERPH_MDPI