

Special Issue

Innovative Methods for Monitoring and Assessment of Contaminants in Aquatic Ecosystems

Message from the Guest Editors

A large majority of surface and ground water bodies, which are key resources for the sustainability of the environment and for human communities, are subjected to chemical and microbiological pollution. Thus, the ability to monitor the presence of pollutants is of growing concern, requiring dedicated research activities. Nowadays, technology provides sophisticated tools (i.e., high-throughput DNA sequencing methods) for monitoring water quality. This Special Issue is planned to present the state-of-the-art and the latest techniques and methodologies in the field of monitoring and assessment of aquatic ecosystems. Its overarching goal is to provide a framework to detect and quantify pollutants and to highlight a number of key challenges that lie ahead a correct estimation of their presence in water bodies. keywords: assessment methods; analytical tools; aquatic ecosystems; microbiological and chemical contaminants; ecotoxicology; emerging contaminants

Dr. Mario Carere
Dr. Tobias Licha

Guest Editors

Dr. Roberto Spurio
Dr. Stefania Marcheggiani
Dr. Mario Carere
Dr. Tobias Licha

Deadline for manuscript submissions

closed (30 June 2019)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/12495

*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 B. Tchounwou
RCMI Center for Urban Health Disparities Research and Innovation,
Richard N. Dixon Research Center, Morgan State University, Baltimore,
MD 21251, USA

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)