



The Phenomenon of Toxin-Producing Cyanobacterial Blooms and Their Impact on Aquatic Organisms, Ecosystems, and Human Health

Guest Editors:

Dr. Magdalena Toporowska

Department of Hydrobiology and
Protection of Ecosystems,
University of Life Sciences in
Lublin, 20-262 Lublin, Poland

Dr. Beata Ferencz

Department of Hydrobiology and
Protection of Ecosystems,
University of Life Sciences in
Lublin, 20-262 Lublin, Poland

Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editors

In particular, this Special Issue welcomes papers on:

- environmental (climatic, hydrological etc.) conditions for the formation of cyanobacterial blooms in fresh-, brackish-, and marine waters;
- monitoring of toxic cyanobacterial blooms, metabolites, and metabolites' transformation products in aquatic environments;
- factors influencing the bioaccumulation, biotransformation, and decomposition of cyanobacterial metabolites;
- structural characterization of new cyanobacterial metabolites;
- biology, ecology, and monitoring of aquatic organisms living in ecosystems affected by cyanobacterial blooms;
- the influence of cyanotoxins and other cyanobacterial metabolites on aquatic organisms, ecosystems and human health: risk assessment;
- the development of monitoring systems of cyanobacterial metabolites in waters and assessment of aquatic toxicity: scaling techniques, dynamic models, biological indicators;
- role of modeling and remote sensing measurements as tools in HCBs management.



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Both original research papers and review papers are welcomed.

Special Issue



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Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health
Disparities Research and
Innovation, Richard Dixon
Research Center, Morgan State
University, 1700 E. Cold Spring
Lane, Baltimore, MD 21251, USA

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access journal.

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Health* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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