Special Issue

Causes, Consequences and Control of Cyanobacterial Blooms in a Changing World

Message from the Guest Editor

Cyanobacteria are common and in evolutionary context the oldest inhabitants of aquatic systems. Massive occurrences or cyanobacterial blooms, due to accumulation of buoyant cells and/or strong proliferation as a consequence of eutrophication, present a serious threat to the environment and health of wildlife, cattle and humans, because several cyanobacteria can produce very potent toxins that constitute one of the most high-risk categories of waterborne toxic substances. This Special Issue invites manuscripts on all aspects dealing with cyanobacterial blooms in a changing world: from warming, eutrophication, carbon dioxide, salinity, brownification effects on cyanobacteria and/or their toxins via biotic interactions such as competition, predation, parasitism, and so on, to techniques mitigating cyanobacterial biomass and controlling toxins. Contributions from areas of the planet underrepresented in the scientific literature are particularly welcome.

Guest Editor

Dr. Miquel Lürling

Aquatic Ecology & Water Quality Management Group, Department of Environmental Sciences, Wageningen University, P.O. Box 47, 6700 AA Wageningen, The Netherlands

Deadline for manuscript submissions

closed (31 December 2017)

Toxins

an Open Access Journal by MDPI

Impact Factor 3.9
CiteScore 7.5
Indexed in PubMed

mdpi.com/si/9713

Toxins
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxins@mdpi.com

mdpi.com/journal/toxins

Toxins

an Open Access Journal by MDPI

Impact Factor 3.9
CiteScore 7.5
Indexed in PubMed

mdpi.com/journal/toxins

About the Journal

Message from the Editor-in-Chief

Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

Editor-in-Chief

Prof. Dr. Jay Fox
Department of Microbiology, University of Virginia, Charlottesville, VA, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Toxicology) / CiteScore - Q1 (Toxicology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.3 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2024).

MDPI