Special Issue

Monitoring and Management of Algal and Cyanobacterial Blooms

Message from the Guest Editors

This Special Issue of *Toxins* calls for manuscripts that relate to monitoring and management of cyanotoxins as well as algae and cyanobacteria cells in the form of original research articles, communications, and reviews. Subject areas of this Special Issue may include, but are not limited to, the following:

- Advances in techniques for monitoring algae and cyanobacteria remotely or in situ;
- Critical assessments of monitoring approaches incorporating data representing the ground truth;
- Applications of machine learning and data analytics to improve monitoring approaches;
- Development or assessment of monitoring frameworks that incorporate multiple tools;
- Evaluation of physical, chemical, and biological strategies for mitigating algal and cyanobacterial blooms and cyanotoxins;
- Evaluation of processes for the degradation of cyanotoxins during drinking water treatment including oxidation, filtration, adsorption, advanced oxidation, membranes, and others;
- Analysis or treatment of less commonly studied cyanotoxins;
- Management of cyanobacteria and cyanotoxins.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2024)

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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
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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).

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