

## Special Issue

# Continental Toxic Algae and Their Ecological Impact

### Message from the Guest Editor

Environmental toxicity is increasing globally, but the effect on algal toxicity on climate warming, not only the increase in water temperature, but also the enhanced levels of salinity and nutrients related to water scarcity, challenge human development. It seems that toxin producers are distributed throughout the cyanophyta phylogenetic tree, for instance, and that most species can synthesise several different toxic compounds. What will the effects of this changing environment on the growth and toxicity expression of species be? How may this potential increase in toxicity affect to aquatic populations of phototrophs and heterotrophs? Will the effects be similar in humid and arid areas, and in flowing or lentic waters? What about transition waters? What are the consequences of toxin accumulation along aquatic food chains? Have toxic species any kind of competitive advantage in these situations? What is the importance of benthic toxicity? All contributions regarding the relationships between ecology and continental algal toxicity with special emphasis in climate change, benthos and species relationships are welcome in this Special Issue.

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### Guest Editor

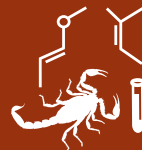
Prof. Dr. Marina Aboal

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### Deadline for manuscript submissions

closed (30 November 2023)



## Toxins

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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.

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### Editor-in-Chief

Prof. Dr. Jay Fox

Department of Microbiology, University of Virginia, Charlottesville, VA,  
USA

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.9 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the first half of 2024).