

Special Issue

Advances in Cyanobacterial Blooms, Toxicity and Ecology

Message from the Guest Editors

Cyanobacteria are an ancient prokaryote phylum that evolved ~3 billion years ago and are attributed with oxygenating the Earth's atmosphere during the Great Oxygenation event. They play a key role in the global carbon cycle as important primary producers. Diazotrophic strains are fundamental to the nitrogen cycle, and, thus, cyanobacteria provide significant widespread ecological roles. Further, cyanobacteria are well known for their ability to produce a range of natural products, including toxins with deleterious effects on ecosystem equilibrium and human health as well as those with valuable properties, namely, the production of lipids for biofuels and pharmaceuticals. As cyanobacterial ecology, toxicity and natural products research continues to mature, we eagerly await the exciting discoveries these data will provide. In this Special Issue of *Life*, we invite researchers from all over the world to share with us their recent advances in the form of original work and review articles with a focus on cyanobacterial toxicity and ecology.

Guest Editors

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Deadline for manuscript submissions

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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