

Special Issue

Research on the Dynamics of Phytoplankton in Eutrophic Water

Message from the Guest Editors

This Special Issue invites contributions exploring the drivers, mechanisms, and impacts of phytoplankton dynamics in eutrophic waters. Topics of interest include, but are not limited to, the following:

- Factors influencing phytoplankton growth and community composition (e.g., nutrients, light, temperature, and hydrodynamics).
- Modeling and predicting phytoplankton blooms.
- Interactions between phytoplankton and other aquatic organisms in eutrophic systems.
- The effects of eutrophication on ecosystem functions and services.
- Innovative monitoring and mitigation strategies for controlling phytoplankton blooms.

Guest Editors

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In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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