

Special Issue

Algal Responses to Abiotic and Biotic Environmental Factors

Message from the Guest Editor

Algae are among the most ancient and versatile organisms on Earth. As primary producers, they are pivotal in shaping ecosystems and maintaining ecological balance. Their ability to adapt to environmental changes is increasingly relevant, especially in the context of different environmental conditions. This Special Issue focuses on the diverse physiological, biochemical, and molecular responses of algae to abiotic and biotic environmental factors. It welcomes original research and reviews addressing how algae adapt to stressors such as light, temperature, salinity, nutrient availability, pollutants, and interactions with other organisms. By highlighting these adaptive mechanisms, the issue aims to deepen our understanding of algal ecology and resilience, with implications for biotechnology, climate change research, and ecosystem management.

Guest Editor

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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