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Emerging Trends in Plankton Research: Methodologies and Ecological Insights in Ichthyoplankton and Zooplankton

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Message from the Guest Editor

This Special Issue aims to explore the latest advancements and emerging trends in plankton research, with a particular focus on both ichthyoplankton and zooplankton, emphasizing new methodologies and the ecological insights they provide. Ichthyoplankton, consisting of fish eggs and larvae, alongside zooplankton, which encompasses a broader range of drifting organisms, are crucial components of marine ecosystems. They serve as indicators of water quality, biodiversity, and predictors of future fish populations. This Special Issue will bring together studies that highlight innovative approaches to sampling, analyzing, and modeling both ichthyoplankton and zooplankton. Articles that provide a deeper understanding of distribution patterns, survival rates, and responses to environmental changes are particularly welcome, as well as methodological studies on sampling techniques for both groups. By showcasing interdisciplinary research and technological innovations, this Special Issue will offer valuable perspectives on how plankton studies can inform broader ecological theories and practical conservation efforts.



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Special Issue



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Message from the Editor-in-Chief

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