

Special Issue

Marine Zooplankton and Ichthyoplankton Ecology: Patterns, Processes, and Perspective

Message from the Guest Editors

Marine zooplankton and ichthyoplankton play a crucial role in the pelagic ecosystem by directing the flow of energy from primary producers to higher trophic levels. Additionally, they play a key role in the recirculation of dissolved organic material (DOM) and the subsidy of particulate organic material (POM) to the deep ocean and benthos. Their ecological importance goes beyond their role in the marine food web, as they actively participate in the biological carbon pump, regulate stock biomass, and can even be used as indicators of climatic conditions. Recent advances in the ecological research of zooplankton and ichthyoplankton have begun to shed light on their behavior, ecological interactions, and responses to environmental drivers. This Special Issue is dedicated to the ecology of marine zooplankton and ichthyoplankton. The contributions to this Special Issue aim to explore the complex relationships and ecological roles of marine zooplankton and ichthyoplankton, with the purpose of highlighting their importance for the conservation of marine ecosystem services and inspiring future research in this field.

Guest Editors

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