

Special Issue

Impacts of Climate Change on the Marine Biota: From Molecules to Ecosystems

Message from the Guest Editors

As a result of anthropogenic forcing, climate change has become an unprecedented challenge to marine life, with species relying on their capacity to acclimate, adapt or move, to thrive in or even survive forthcoming environmental threats. The associated environmental-related changes have prompted significant effects at different levels of biological organization, culminating in community structure modifications, range shifts, and biodiversity loss. Within this context, we have the pleasure to invite you to contribute to a Special Issue focused on the impacts of global environmental change (e.g., ocean warming, ocean acidification, and deoxygenation) on the marine biota. Our Special Issue will take into consideration studies performed under a broad set of subjects and disciplines, ranging from experimental biology (at a molecular, organism, and population level) to species phenology, comparative physiology and biochemistry, cellular and molecular biology, ecotoxicology, fisheries, biological invasions, population dynamics, ecosystem functioning, and ecological forecasting.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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