



*climate*



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## Climate Impacts on Marine Biodiversity across Space and Time

Guest Editor:

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Deadline for manuscript submissions:

**closed (31 December 2022)**

### Message from the Guest Editor

Dear Colleagues,

Anthropogenic climate change is affecting marine ecosystems worldwide. Although coastal areas are among the most ecologically and economically important ecosystems of the planet, they are also the most impacted by the combined effects of climate and anthropogenic forcing.

As major consumers of primary production and detrital organic matter, zooplankton species play a pivotal role in the functioning of marine ecosystems: they mediate biogeochemical cycles and are a keystone link within the pelagic food web. As a consequence, zooplankton species are known to mirror ecosystems' conditions, and modifications in community composition, structure, and/or abundance are often related to rapid and major alterations in ecosystem structure.

This Special Issue aims to investigate the impacts of climate and environmental changes on zooplankton species and possible cascading effects on higher trophic levels. We welcome original research, reviews, method papers, commentaries providing experimental evidence of these changes as well as modelling studies which aim to predict the future impacts of climate change.



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# Special Issue