

## Special Issue

# Impacts of Climate Change on Marine Organisms

### Message from the Guest Editors

Climate change is altering physical and chemical factors, as well as biotic and abiotic interactions, in marine ecosystems. Important environmental drivers, such as temperature, pH, nutrient availability, and salinity, are simultaneously changing. The resulting modification of marine environments is affecting the performance and distribution of marine species on a global scale. To be able to manage marine ecosystems appropriately, we urgently need to understand the biological responses to the new environments generated by climate change. This knowledge will allow us to preserve marine environments and their diversity and functionality. The topics of interest for this Special Issue include, but are not limited to, the following:

- metabolic or behavioral responses of marine organisms to environmental changes driven by climate change;
- effects of climate change on interactions between marine species;
- impacts of climate change on marine organisms at the ecosystem level; and
- acclimation and adaptation of marine organisms to the effects of climate change.

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### Guest Editors

Dr. María Aranguren-Gassis

Dr. Ana Fernandez-Carrera

Dr. Inés Viana

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### Deadline for manuscript submissions

closed (30 September 2021)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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