

## Special Issue

# Climate Change and Aquatic Ecosystems: Impacts, Mitigation and Adaptation

### Message from the Guest Editors

Over the last decades, climate change has posed major challenges to natural environments and society, particularly affecting aquatic ecosystems. Further impacts are expected under the ongoing scenario of global warming, through several derived phenomena (e.g., sea level rise, extreme events, ocean acidification) that lead to changes in marine and freshwater ecosystems, promoting habitat loss and the disruption of their biodiversity and functioning, and put them at risk of severe deterioration. For this Special Issue, we invite the submission of contributions addressing the most recent developments in climate change research. Papers dealing with the impacts and effects of climate change on marine and freshwater ecosystems in all their aspects as well as describing original proposals and strategies for mitigation and/or adaptation measures are welcome.

- climate change
- aquatic ecosystems
- impacts
- mitigation
- adaptation

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 November 2021)



## Applied Sciences

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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

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