



Responses of Marine Invertebrates to Ocean Acidification: From Molecules to Organism

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Deadline for manuscript submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

Ocean acidification (OA) is occurring at a rate never recorded from the beginning of the Industrial Revolution. OA is the result of human-driven increased levels of carbon dioxide in the atmosphere, that in turn are a consequence of fossil fuel burning and deforestation. Although the capability of seawater to absorb CO₂ from the atmosphere is beneficial in terms of limiting increases in atmospheric CO₂ levels, relevant changes may occur in the ocean chemistry, such as lowering of seawater pH and carbonate saturation. Decreased ocean pH has the potential to affect biological responses of living organisms, calcifying marine species in particular. In this context, it is crucial to investigate the effects of OA on marine biota.

In this Special Issue, we call for review and original research papers focused on the effects of ocean acidification to marine organisms, from molecule to organism level. Results of both field and laboratory studies are welcome.

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Message from the Editor-in-Chief

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