



Recent Developments in Coastal Benthic Ecology

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Message from the Guest Editor

Today, the advances of benthic ecology have increased in the context of marine management and conservation faced with the intensification of human activities and the deployment of Marine Protected Areas. The available multivariate statistical techniques for identifying benthic assemblages can analyze a large database of quantitative data on benthic samples at different spatiotemporal scales. Coastal benthic communities are colonized by a lot of non-indigenous species, some of which alter the trophic network of such inhabited habitats. However, the main challenge is identifying the respective parts of the effects of climate change and the cumulative effects of human activities on the continental shelf in the functioning and temporal changes of the benthic habitats of this key ecosystem of the marine environment. All these new developments and knowledge around benthic habitats will serve as tools for users and managers to ensure the sustainable function of coastal benthic ecosystems.





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Message from the Editor-in-Chief

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