

Special Issue

Sustainable and Integrated Coastal Zone Management Under a Changing Climate: Innovations and Insights

Message from the Guest Editors

This Special Issue focuses on advancing the scientific discussion on the resilience and sustainability of coastal zones under climate variability and change. The increasing temperatures, the accelerating mean sea-level rise, and the increasing frequency of extreme events will increase the climatic risks for coastal ecosystems, populations, critical infrastructure and socio-economic activities. The scope and urgency of these challenges calls for interdisciplinary, robust and innovative approaches to adaptation.

This SI aims to include studies on the climatic hazards, exposure and vulnerability of the coastal zones and on science-based adaptive management frameworks. Particular emphasis will be placed on the role of Integrated Coastal Zone Management (ICZM) in balancing ecological conservation, socio-economic resilience, and sustainable development. Contributions employing geospatial tools, climatic projections, system modeling, reviews of the existing regulatory frameworks and multi-criteria decision analysis to inform coastal policies are highly encouraged.

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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