

Special Issue

Sustainable Interactions of Ocean, Atmosphere, and Environment: Focusing on Climate Change

Message from the Guest Editors

The interactions between the ocean, atmosphere, and environment play a central role in regulating the Earth's climate and supporting ecosystems. This Special Issue will gather cutting-edge research that enhances our understanding of the critical and complex interplay between the ocean, the atmosphere, and the broader environment, with a focus on sustainability and climate change. As global temperatures rise and extreme weather events become more frequent, understanding these interconnected systems is becoming vital for developing effective mitigation and adaptation strategies. We invite contributions addressing observational, theoretical, and modeling approaches that explore physical, chemical, and/or biological processes. Topics may include ocean–atmosphere coupling, carbon and heat fluxes, extreme weather events, sea level change, climate change adaptation strategies, and sustainable resource management. Studies that highlight how anthropogenic activities are altering these fundamental balances or that examine innovative methods for monitoring and predicting climate impacts are particularly welcome.

Guest Editors

Dr. Humberto Pereira

Dr. Ana Picado

Dr. Ines Alvarez

Deadline for manuscript submissions

31 August 2026



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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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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