Special Issue

Climate Change and Sustainable Marine Ecosystem Development

Message from the Guest Editors

The ocean, coastlines, and coastal communities are being disproportionately impacted by increasing carbon and other greenhouse gas emissions from human activities. At the same time, weather patterns are changing, with extreme weather events increasing in frequency. The ocean and coastal zones provide critical ecosystem services such as carbon storage, oxygen generation, food and income generation, as well as flood and storm protection. The degradation of coastal and marine ecosystems threatens the physical, economic, and food security of coastal communities. Sustainable management, conservation and restoration of coastal and marine ecosystems are vital to support the continued provision of carbon seguestration and other ecosystem services on which people depend. Protection and restoration of coastal ecosystems is needed. We welcome submissions on the analyses of the impacts of climate change on coastal ecosystems, designed to advise on adequate and appropriate mitigation and adaptation strategies.

Guest Editors

Dr. Sander Scheffers

- School of Environment, Science and Engineering, Marine Ecology Research Centre, Southern Cross University, Lismore, NSW 2480, Australia
- 2. School of Earth and Environment, University of Queensland, St Lucia, QLD 4067, Australia

Prof. Dr. Peter Coombes

School of Environment, Science and Engineering, Southern Cross University, Lismore NSW 2480, Australia

Deadline for manuscript submissions

closed (31 July 2021)



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Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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