

## Special Issue

# Impacts of Climate Change on the Ocean-Atmosphere System: Understanding, Adaptation and Sustainable Development

### Message from the Guest Editor

Synchronous changes in the atmospheric and oceanic circulation have been observed globally since the late 1990s, which significantly influence regional climate, typhoon development, fisheries, and environments. Global warming and natural variability lead to climate change and associated with extreme events. This Special Issue features articles outlining how the ocean-atmosphere system responses or contributes to the global warming and natural variability, as well as the potential impacts on the marine resource and sustainable development. The Special Issue also welcomes studies exploring new analysis, method, or insights on different spatial-temporal scales of climate change. In particular, other areas are covered including adaptation strategy, sustainability policy, and education/implication of sustainability. This Special Issue includes, but is not limited to, the following topics:

- Climate change and its impacts
- Air-sea interaction
- Ocean data analysis and modeling
- Biogeochemistry
- Western boundary current
- Renewable Energy
- Sustainability, Policy, and Education

### Guest Editor

Prof. Dr. Chau-Ron Wu

CEO & Research Fellow, Research Center for Environmental Changes, Academia Sinica Distinguished Professor, Department of Earth Sciences, National Taiwan Normal University, New Taipei, Taiwan

### Deadline for manuscript submissions

closed (31 October 2019)



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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. *Sustainability* publishes original research articles, review 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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### Editor-in-Chief

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