Special Issue

Applications of Smart Technologies in Climate Risk and Adaptation

Message from the Guest Editors

The efforts to mitigate the impacts of climate change have been progressing slowly and adaptation is now one of the major strategies which is being considered by both developed and developing countries. Developing products and services that leverage these technologies to mitigate and adapt to climate change can increase our resilience against the impacts of a changing climate. Given the urgency of addressing climate change, it is imperative to explore innovative solutions that can enhance resilience and sustainability. This Special Issue seeks to advance the understanding and application of emerging technologies for climate change mitigation and adaptation. We are especially interested in the topics listed below: Novel strategies, technologies, and policies; Climate change mitigation and adaptation; Protection and restoration of biodiversity and ecosystems; Sustainable use and protection of water and marine resources; Convergence technologies for sustainable climate change challenges.

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About the Journal

Message from the Editor-in-Chief

Climate (ISSN 2225-1154) was established in 2013 to provide an open-access outlet for innovative research, review articles, new direction papers, and short communications relevant to all disciplines related to climate at all scales. The journal encourages papers ranging from climate change detection and attribution and Earth system modeling to ecosystem, hydrologic, and socioeconomic impacts and climate mitigation and adaptation measures. The influence of *Climate* is strong and growing (IF 3.2 in 2024, CiteScore 5.7 in 2024).

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