

## Special Issue

# Sustainable Strategies for Monitoring and Mitigating Climate Extremes

### Message from the Guest Editors

The increase in the occurrence of extreme weather events, including tropical cyclones, droughts, floods, tornadoes, and intense rainfall, driven by global and regional climate changes, demands our urgent attention. It is crucial that we take proactive actions to develop effective recommendations to mitigate the impacts of these severe weather occurrences and safeguard our communities and ecosystems. The intensity and extent to which climate change contributes to extreme weather events remain uncertain in some cases. Additionally, there is no universal solution or recommendation to mitigate their impacts globally. Effective strategies must be tailored to the specific needs, conditions, and contexts of individual regions and countries. We propose the establishment of a Special Issue for *Sustainability* focused on 'Global Climate Monitoring and Extreme Weather Events'. This Special Issue aims to present sustainable strategies and mitigation measures to address the challenges posed by climate change and its associated impacts.

### Guest Editors

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### Deadline for manuscript submissions

31 January 2026



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CiteScore 7.7



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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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