

Special Issue

Weather and Climate Extremes Monitoring Based on Remote Sensing Methods

Message from the Guest Editor

The increased frequency and severity of extreme weather and climate events, fueled by climate change, has resulted in an increased number of disasters impacting vulnerable countries in Asia–Oceania, one of the world's most disaster-prone regions. Scientific results obtained through the World Meteorological Organization's (WMO) Space-based Weather and Climate Extremes Monitoring (SWCEM) in the Asia-Pacific region and the Climate Risk and Early Warning Systems (CREWS) activities will be central to this Special Issue. In this Special Issue, reports on proactive adaptation strategies for addressing the impacts of natural hazards, such as droughts, floods and tropical cyclones, will be presented, with a particular focus on two key climate adaptation strategies—climate risk assessments and early warning systems. This Special Issue aims to include papers which discuss, but are not limited to, the following topics:

- Remote sensing for monitoring extreme weather and climate events;
- Climate risk assessments;
- Predicting climate extremes on sub-seasonal to seasonal (S2S), inter-annual and long-term time scales.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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