

## 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. Weather and climate extremes are of particular concern, such as tropical cyclones, hydrological extremes (droughts and floods) and their impacts.

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 applications for monitoring extreme weather and climate events, e.g., drought, floods, tropical cyclones;
- Remote sensing applications for climate risk assessments.

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### Guest Editor

Dr. Yuriy Kuleshov

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### Deadline for manuscript submissions

closed (15 April 2026)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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### Message from the Editorial Board

*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.

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### Editors-in-Chief

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