Special Issue

Remote Sensing for Climate Extremes and Water Resources

Message from the Guest Editors

Climate extremes such as floods and droughts impose significant negative impacts on water resources and environment sustainability. The ongoing climate change is likely to increase the frequency and amplify the severity of these extreme climates in the near future. This will place more threats and harsher pressures on worldwide water resources and sustainability. This Special Issue aims to provide a scientific forum for publishing peer-reviewed articles that apply state-of-the-art remote sensing approaches, methods, and techniques in incorporating cutting-edge machine learning and geospatial technologies for monitoring, assessing, and predicting water resources under a changing climate at various spatial scales. Themes considered include but are not limited to mapping and evaluating climate extremes and corresponding freshwater (underground and surface) quality and quantity. Integrating big data from multiple spatial, spectral, and thematic scales to estimate and quantify spatiotemporal changes in these areas is among our priorities.

Guest Editors

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Deadline for manuscript submissions

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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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