Special Issue

Applications of Remotely Sensed Data in Hydrology and Climatology (Third Edition)

Message from the Guest Editor

Special focus will be given to the hybrid methods, modeling, and recent advances in the fields of spatiotemporal variation in water and climatic changes using satellite observations. Of interest to this Special Issue are a wide range of topics including, but not limited to, the following:

- Time-series analysis of hydrometeorological parameters using satellite data.
- Watershed modeling using remote sensing products or in situ observations.
- Application of satellite data on flood, evapotranspiration, snow, soil moisture, groundwater, and soil erosion studies (modeling, improvement, policy, etc.).
- Assessment of climate change impacts on extremes, like flood and drought, using satellite data.
- Assessment of climate change impacts on water resources or hydrological cycles using remote sensing products.
- Statistical and machine learning applications to satellite-based hydrological and climatological data.

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This Special Issue is the third edition of this topic. **First Edition:** Applications of Remotely Sensed Data in Hydrology and Climatology. **Second Edition:** Applications of Remotely Sensed Data in Hydrology and Climatology (Second Edition).

Guest Editor

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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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