

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

Prof. Dr. Yuei-An Liou

Center for Space and Remote Sensing Research, National Central University, No. 300, Jhongda Road, Jhongli District, Taoyuan City 320317, Taiwan

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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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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Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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