

Special Issue

Observations, Modeling, and Impacts of Climate Extremes

Message from the Guest Editors

The aim of this Special Issue is to invite contributions that use various approaches, particularly satellite remote sensing and numerical/statistical models, to monitor, simulate, and forecast the spatial-temporal patterns of hydro-climatic extremes, and assess their impacts on society, economy, agriculture, and human health. We would like to invite you to contribute to this Special Issue. Manuscripts are encouraged to cover a wide range of topics, which may include, but are not limited to:

- Observations of hydro-climatic extremes
- Modeling hydro-climate extremes of the past and future
- Assessment of hydro-climatic impacts across sectors
- Uncertainties analyses of satellite observations and models
- Regional and global climate extremes analyses, e.g., droughts, floods, heat waves, and extreme precipitation
- Early warning and forecasting of climate extremes
- Managing hydro-climatic extremes

We look forward to your contributions to this exciting Special Issue.

Guest Editors

Dr. Jian Peng

Dr. Guoyong Leng

Dr. Zheng Duan

Prof. Dr. Weidong Guo

Deadline for manuscript submissions

closed (31 December 2019)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/15877

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

[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)





Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)



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

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)