



Remote Sensing of Hydro-Meteorology

Guest Editors:

Prof. Dr. Joo-Heon Lee

Prof. Dr. Jong-Suk Kim

Dr. Young Hun Jung

Dr. Chanyang Sur

Deadline for manuscript
submissions:

closed (31 March 2021)

Message from the Guest Editors

Dear Colleagues,

Extreme hydrometeorological events that occur naturally threaten and cause harm to lives and livelihoods and result in billions of dollars of damage worldwide every year. Their environmental impacts are equally catastrophic. Human activities may help prevent hydrometeorological hazards from turning into disasters but, in many situations, they may also exacerbate their impacts, e.g., through excessive development in coastal areas that increase risk exposure and community vulnerability. Moreover, climate change may be responsible for the increasing frequency and magnitude of atmospheric patterns that lead to more frequent and intense hydrometeorological disasters (e.g., severe storms, floods, and droughts).

This Special Issue will focus on “Remote sensing of Hydrologic Extremes”. We welcome novel research, reviews, and opinion pieces covering all related topics, including flood/drought monitoring, risk management and policy, hydrometeorological extremes and its impact on human-environment systems, frequency analysis, and vulnerability assessment for adaptation to climate change.

Guest Editors





an Open Access Journal by MDPI

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

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.

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)

Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)