

Special Issue

Tropical Cyclone Remote Sensing

Message from the Guest Editor

Tropical cyclones cause massive economic losses and sudden mortality over ample coastal areas of the planet. Indeed, hurricanes and typhoons are devastating phenomena that require societal attention. While tropical cyclones are natural phenomena there is clear evidence that human action is a key ingredient in evaluating their impact. Estimating hurricane intensity, frequency and path in a climate emergency scenario is an active research area, and on those topics remote sensing can play an important role. The Special Issue welcomes papers that deal mainly with modeling but use satellite information for illustrative purposes, and case-study contributions making some use of satellite data and flight campaigns. It is also open to radar, dropsonde and general airborne observations of tropical cyclones. Papers on applications of remote sensing to study individual tropical cyclones and numerical case studies on specific hurricanes would be welcome contributions to the Special Issue. Papers on tropical cyclones in the Pacific, Indian and Australian basins will be warmly appreciated to balance the current research bias toward the North Atlantic area.

Guest Editor

Prof. Dr. Francisco J. Tapiador

Earth and Space Sciences (ESS) Research Group, Faculty of Environmental Sciences and Biochemistry, University of Castilla-La Mancha (UCLM), Avda. Carlos III s/n, E-45071 Toledo, Spain

Deadline for manuscript submissions

closed (31 December 2022)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/94331

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 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.

Editors-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

Prof. Dr. Dongdong Wang

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

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)