Special Issue

Radar Remote Sensing of Cloud and Precipitation

Message from the Guest Editor

Cloud and precipitation radars are the pillars in monitoring the 3D structure of cloud and precipitation properties. By capitalizing on recent advances in radar technology and signal processing, this Special Issue aims

- To explore novel ground-based/airborne/space-borne cloud and precipitation radar-based datasets with applications to monitoring and understanding regional and global climatology on time scales from daily to decadal;
- To highlight the latest retrieval techniques applied to radar data for the estimation, validation, and assessment of error and uncertainty of cloud and precipitation microphysics;
- To research the potential of new cutting-edge systems involving multifrequency / Doppler / polarimetric radar systems.

Guest Editor

Dr. Alessandro Battaglia
University of Leicester&Politecnico di Torino
Dep. of Physics and Astronomy, University of Leicester,University Road, Leicester, LE1 7RH, UK
Dip. Ingegneria Ambiente Territorio e Infrastrutture, Politecnico di Torino,via Duca degli Abruzzi, 24, Turin, Italy

Deadline for manuscript submissions

closed (19 November 2021)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/40222

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

mdpi.com/journal/remotesensing

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

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)

MDPI