Special Issue

Advances in Synthetic Aperture Radar Data Processing and Application

Message from the Guest Editors

Synthetic aperture radar (SAR) is an active high-resolution microwave imaging technique. Compared with typical optical systems, it has constant and all-weather surveillance capability and is, hence, widely used in military, mapping, agriculture, and disaster-monitoring applications. Recently, SAR has entered a stage of vigorous development. More and more SAR satellites have been launched, providing rich data support for SAR's application in many fields. In addition, with the help of UAV performance advantages such as low cost, easy and rapid deployment, and miniaturization, UAV-borne SAR has also entered a stage of rapid development and plays an increasingly important role in several applications such as reconnaissance and mapping. The main objective of this Special Issue is to provide a platform for the latest advanced SAR data-processing technology and applications so that researchers can have a clear understanding of the development of this field. This Special Issue aims to provide a comprehensive overview of state-of-the-art technologies behind SAR data processing and applications.

Guest Editors

Prof. Dr. Hui Bi

Prof. Dr. Daiyin Zhu

Dr. Jingjing Zhang

Deadline for manuscript submissions

closed (15 June 2024)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/177551

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 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)