

Special Issue

SAR Interferometry: Methods and Applications for Earth Science and Environmental Monitoring

Message from the Guest Editors

Synthetic Aperture Radar (SAR) Interferometry is a mature technology that provides a unique way to resolve spatial and temporal characteristics of the Earth's surface deformation, with application to a plethora of natural and anthropogenic processes. In the last decades, Earth Observation platforms with enhanced SAR sensors have rapidly evolved. At the same time, refined interferometric SAR (InSAR) processing methodologies are able to provide a wealth of information of interest for a broader science community.

This special issue aims at highlighting recent advancements, developments and applications in InSAR methodologies, including applications to geoscience investigations and environmental monitoring. We solicit papers describing challenging conceptual and practical problems for Earth observation and monitoring.

Guest Editors

Dr. Pasquale Imperatore

National Research Council of Italy (CNR), Institute for Electromagnetic Sensing of the Environment (IREA), Naples, Italy

Dr. Eugenio Sansosti

National Research Council of Italy (CNR), Institute for Electromagnetic Sensing of the Environment (IREA), Via Diocleziano 328, 80124 Napoli, Italy

Deadline for manuscript submissions

closed (31 October 2021)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/35473

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)