Special Issue

Advanced Remote Sensing Technology in Geodesy, Surveying and Mapping

Message from the Guest Editors

The main aim of this Special Issue is to highlight the latest developments in GNSS, recent advances in positioning algorithms methods and integration of positioning technologies/sensors and Earth observation data for various geodetic, surveying, and mapping applications. The potential topics include, but are not limited to, the following:

- Geodetic, Surveying, and Mapping Concepts and Applications;
- Technologies and Sensors for Terrestrial, Aerial, and Maritime Positioning (GNSS, TPS, TLS, ALS, photogrammetry, IMU);
- GNSS data-processing methods and algorithms (static, kinematic, GNSS networks, RTK-GNSS, challenging conditions, low-cost GNSS receivers, smartphones, GNSS interference—jamming and spoofing);
- Hybridization of GNSS, TPS, TLS, ALS, IMU, Earth observation data;
- Fusion of georeferenced spatial models and Earth observation data;
- Integration of GNSS and InSAR processing;
- Time series processing and application.

Guest Editors

Prof. Dr. Bojan Stopar

Chair of Mathematical and Physical Geodesy and Navigation, Faculty of Civil and Geodetic Engineering, University of Ljubljana, Ljubljana, Slovenia

Prof. Dr. Krištof Oštir

Chair of Geoinformatics and Real Estate Cadastres, Faculty of Civil and Geodetic Engineering, University of Ljubljana, Ljubljana, Slovenia

Deadline for manuscript submissions

closed (14 September 2024)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/159559

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

mdpi.com/journal/remotesensing

MDPI

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)