Special Issue

Accuracy Assessment and Validation of Remotely Sensed Data and Products

Message from the Guest Editors

With the advancement of sensor technology, automation of processing chains, and the increased availability of nearly continuous measurements of the Earth's surface, there is a growing interest in remote sensing applications in various scientific domains and themes. However, the use of remotely sensed data, requires reliable and quantitative accuracy reports to support confidence in the information generated. Accuracy assessment and validation is essential in remote sensing-based projects, since decision making or scientific analysis with data of unknown or little accuracy will result in information with low reliability, error propagation effects, and, subsequently, be of limited value. The aim of this Special Issue is to explore new challenges and new insights related to the assessment of the thematic and positional accuracy of remotely sensed data and derived products.

Guest Editors

Prof. Dr. Giorgos Mallinis

Laboratory of Photogrammetry and Remote Sensing (PERS Lab), School of Rural and Surveying Engineering, The Aristotle University of Thessaloniki, GR-54124 Thessaloniki, Greece

Dr. Charalampos Georgiadis

School of Civil Engineering, Laboratory of Photogrammetry and Remote Sensing Unit (PERS Lab), School of Rural and Surveying Engineering, The Aristotle University of Thessaloniki, Univ. Box 465, GR-54124 Thessaloniki, Greece

Deadline for manuscript submissions

closed (31 December 2020)



an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 8.6



mdpi.com/si/41129

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

mdpi.com/journal/remotesensing





an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 8.6



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 peerreview 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)

