Special Issue

Ecogeomorphological Research Using Satellite Images

Message from the Guest Editor

The use of remote sensing to obtain layers of interest to solve ecogeomorphological theoretical and applied problems is an interesting field of study to develop. Water cycle estimates are needed to assess water resources, to characterize the complexity of the cycle, to study habitat availability of different species, and to understand local and global responses to climate change. Estimation of rainfall, soil moisture, actual and potential evapotranspiration, the detection of inundated areas, and also the assessment of erosion risk are important topics involved. Land cover is a key feature to understand all these processes and has been one of the key topics in remote sensing along the last decades. Among the techniques used to improve land cover classification, machine learning techniques, textural information, ancillary variables, mainly terrain features, have been tested. The integration of satellite images from different sources and resolutions with other ancillary information as weather radar, LIDAR, DEMs and derived layers or observations from weather stations is needed. Prof. Francisco Alonso-Sarría

Guest Editor

Dr. Francisco Alonso Sarría

Instituto Universitario del Agua y Medio Ambiente, Campus de Espinardo, Universidad de Murcia, Edificio D, s/n, 30001 Murcia, Spain

Deadline for manuscript submissions

closed (31 March 2021)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/44174

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

MDPI

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)