Advanced Multisensor Image Analysis Techniques for Land-Cover Mapping

Guest Editors:

Dr. Behnood Rasti

Prof. Dr. Magnus Ulfarsson

Prof. Dr. Pedram Ghamisi

Prof. Dr. Jon Atli Benediktsson

Prof. Dr. Jocelyn Chanussot

Deadline for manuscript submissions:
closed (31 March 2021)

Message from the Guest Editors

Dear Colleagues,

Recent advances in remote sensing technologies and their corresponding variety provide complementary information for the target detection, analysis, and observation of the Earth. However, the complexity and variety in remote sensing imaging technologies makes the simultaneous interpretation of the different data sources from ground measurements to aerial and space measurements very challenging. First, the large amount of multisource data makes the analysis cumbersome for the end-users. Second, integrating and interpreting multisource data requires one to develop exclusive image analysis techniques due to the different characteristics of the data, which are often caused by differences in the measurement techniques. As a result, conventional image processing techniques often either fail or they are not efficient enough for multisensor data analysis.

The main aim of this *Special Issue* is to present the most recent image processing and machine learning techniques for land-cover mapping and tracking using multisensor data such as hyperspectral, multispectral, light detection and ranging, and synthetic aperture radar data.

mdpi.com/si/24138

Special Issue

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

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.

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*)

Contact Us