



an Open Access Journal by MDPI

Widespread Applications Based on Hyperspectral Technologies from Space

Guest Editors:

Dr. Stefano Pignatti

Institute of Methodologies for Environmental Analysis (IMAA), National Research Council (CNR), C.da S. Loja, 85050 Tito, PZ, Italy

Dr. Fabrizia Buongiorno

Istituto Nazionale di Geofisica e Vulcanologia (INGV), National Earthquake Observatory, Rome, Italy

Prof. Dr. Bing Zhang

Aerospace Information Research Institute, Chinese Academy of Sciences, Beijing 100094, China

Deadline for manuscript submissions: closed (31 August 2020)



mdpi.com/si/8752

Message from the Guest Editors

Dear Colleagues,

The aim of this Special Issue is to highlight the impact of the past hyperspectral missions and foresee the effectiveness of the future ones. We would like to invite submissions on the following topics:

- Integration and comparison of new hyperspectral image data/constellation;
- Natural processes and human activities and their interactions, including archaeology;
- Environmental and natural hazards and risks reduction;
- Coastal systems, including inlands waters, and their interaction with the land;
- Geology, soil and agriculture;
- Atmospheric correction and atmospheric constituent characterization;
- Hyperspectral data processing for defence and security;
- Astrophysics and planetary exploration;
- Hyperspectral sensors synergy with the other missions;

Specialsue

• Sensor calibration including vicarious calibration.

Dr. Stefano Pignatti Dr. Maria Fabrizia Buongiorno Dr. Bing Zhang *Guest Editors*





an Open Access Journal by MDPI

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

Remote Sensing Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/remotesensing remotesensing@mdpi.com X@RemoteSens_MDPI