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EO for Mapping Natural Resources and Geohazards

Guest Editors:

Prof. Dr. Stuart Marsh
Nottingham Geospatial Institute, University of Nottingham, Nottingham, UK

Dr. Stephen Grebby
Nottingham Geospatial Institute, University of Nottingham, Nottingham NG7 2TU, UK

Deadline for manuscript submissions:
closed (30 September 2021)

Message from the Guest Editors

There are few more pressing concerns than the use of our planet's limited natural resources. The sustainable exploitation of natural resources remains a key element of development. At the same time, geological hazards, such as earthquakes, volcanos and landslides, claim an ever-increasing number of lives and livelihoods, as more and more people live in exposed places in the developing world. Both these issues are critical for the planet and demand urgent solutions.

This Special Issue will explore the unparalleled opportunities that satellite and airborne Earth Observation (EO) now offer to measure, map, monitor and model the natural environment. Whether applied to resource exploration, monitoring mining operations and measuring their impacts, or to hazard mapping, damage assessment and recovery activities, EO has a huge role to play. The range of data has never been greater, from optical through thermal to LiDAR and radar systems, as well as unconventional data from such sources as social media and citizen science. Papers on these themes would be especially welcome, but papers are invited on EO applications to any aspect of natural resources and geohazards.

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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.

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Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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remotesensing@mdpi.com
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