



Application of Remote Sensing and GIS for Promoting Sustainable Geoenvironment

Guest Editors:

Dr. Hariklia D. Skilodimou

Department of Geology,
University of Patras, ZC 26504
Patras, Greece

Dr. George D. Bathrellos

Marine Geology & Geodynamics,
Sector of General, Department of
Geology, University of Patras, ZC
26504 Patras, Greece

**Prof. Dr. Konstantinos G.
Nikolakopoulos**

Applied Geology & Geophysics,
Department of Geology,
University of Patras, ZC 26504
Patras, Greece

Deadline for manuscript
submissions:

27 July 2024

Message from the Guest Editors

With the Earth's growing population, the environment faces a wide array of new challenges. Remote sensing (RS) has made it possible to gather huge quantities of geographical information and data. Additionally, a Geographical Information System (GIS) serves as an outstanding and effective tool in the spatial analysis of various natural phenomena. These geospatial technologies are particularly helpful for both basic and applied geology, mapping, characterizing natural resources, assessing contaminated environment risk, estimating natural hazards, identifying community susceptibility to hazards, and land use planning.

This Special Issue invites submissions of original research articles and reviews. Potential topics may include (but are not limited to) the following:

- Environmental pollution, air, water and soil pollution/degradation, waste, hazardous materials incidents, pipelines, radiological events, transportation, salinization, desertification, fires, land use changes;
- Land use, urban planning, climate changes, and natural resource supply;
- All types of atmospheric, hydrologic, geologic and geomorphologic phenomena;
- Natural hazards.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)