

Special Issue

Image Processing and Satellite Imagery Analysis in Environments II

Message from the Guest Editor

Environmental studies are broadening from the small scale of local environments up to a global scale and beyond. To understand the evolution of the life on Earth and, in particular, to recognize how the human activities affect life and vice versa, we need to collect and analyze data concerning the vastly complex system of life on our planet. The Special Issue of Geosciences, entitled "Image Processing and Satellite Imagery Analysis in Environments", is proposed here to stress the role of satellites in the analysis and monitoring of environments. Many methods and algorithms exist, and many can be developed, to properly enhance and extract information from satellite maps in different ranges of frequencies, recorded at different scales, and from both local and global environments. Below are some suggestions of topics that are suitable for inclusion in this Special Issue, although please note that many more could be added to this list: Satellite imagery and the monitoring of polar ice and glaciers; Coastline erosion and deposition; Internal waves in oceans and atmospheres; Sand dunes and their motion seen from space.

Guest Editor

Dr. Amelia Carolina Sparavigna

Department of Applied Science and Technology, Polytechnic University of Turin, 10129 Turin, Italy

Deadline for manuscript submissions

closed (20 December 2022)



Geosciences

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 5.3



mdpi.com/si/118983

Geosciences
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
geosciences@mdpi.com

[mdpi.com/journal/
geosciences](https://mdpi.com/journal/geosciences)





Geosciences

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 5.3



[mdpi.com/journal/
geosciences](https://mdpi.com/journal/geosciences)



About the Journal

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

Prof. Dr. John C. Eichelberger

Alaska Center for Energy and Power, University of Alaska Fairbanks,
Fairbanks, AK, USA

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, ESCI (Web of Science), GeoRef, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)