



Advances in Remote Sensing and GIS for Natural Hazards Assessment

Guest Editor:

Prof. Dr. Salvador García-Ayllón Veintimilla

Mining and Civil Department,
University of Cartagena, Paseo
Alfonso XIII, 52, 30203 Cartagena,
Spain

Deadline for manuscript
submissions:

closed (30 November 2022)

Message from the Guest Editor

Dear Colleagues,

Natural risk assessment is one of the disciplines that has seen the greatest advances in the field of GIS and remote sensing in recent years. The implementation of more sophisticated analysis methodologies, more accurate remote sensing systems, more innovative damage assessment protocols, etc. are some of the various tools that have improved the management of these phenomena. This Special Issue seeks contributions involving innovative approaches or relevant case studies regarding natural hazards assessment related to GIS and remote sensing in topics such as:

- Earthquakes and landslides;
- Flooding and tsunamis;
- Hurricanes and similar meteorological phenomena;
- Extreme drought and other risks associated with climate change.

Innovative methodologies, frameworks, or significant results from relevant case studies related to all these topics are welcome, but similar ones may also be considered for publication if they fit within the scope of this Special Issue. Also, the Issue is open to all interested researchers from the 1st Conference on Future Challenges in Sustainable Urban Planning & Territorial Management SUPTM 2022.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)