



GeoAI Data and Processing in Applied Sciences

Guest Editors:

Prof. Dr. Hyung-Sup Jung

1. Department of Smart Cities,
University of Seoul, 163
Seoulsiripdae-ro, Dongdaemun-
gu, Seoul 02120, Korea

2. Department of Geoinformatics,
University of Seoul, 163
Seoulsiripdae-ro, Dongdaemun-
gu, Seoul 02120, Korea

Prof. Dr. Saro Lee

1. Geological Research Division,
Korea Institute of Geoscience
and Mineral Resources (KIGAM),
124, Gwahak-ro Yuseong-gu,
Daejeon 34132, Republic of Korea

2. Department of Geophysical
Exploration, Korea University of
Science and Technology, 217
Gajeong-ro Yuseong-gu, Daejeon
34113, Republic of Korea

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

The objectives of this Special Issue are to create a multidisciplinary forum of discussion on recent advances in the research fields of GeoAI for applied sciences and to find new techniques and applications in geospatial sciences and engineering, applied geology, applied biology, applied ecology, applied hydrology, applied environmentology, etc. Potential topics include, but are not limited to:

- GeoAI data product
- Validation of GeoAI data product
- GeoAI data processing
- Model development for GeoAI data
- Modeling and mapping using GeoAI data
- Change detection, target detection and target recognition using GeoAI data
- Applications and innovative use of GeoAI data for geospatial sciences and engineering
- Applications and innovative use of GeoAI data for remote sensing
- Applications and innovative use of GeoAI data for geoscience information system
- Applications and innovative use of GeoAI data for applied geology , applied biology , applied ecology, applied hydrology, applied environmentology.





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 - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)