



GeoAI: Integration of Artificial Intelligence, Machine Learning and Deep Learning with GIS

Guest Editor:

Prof. Dr. Yosoon Choi

Department of Energy Resources
Engineering, Pukyong National
University, Busan 48513,
Republic of Korea

Deadline for manuscript
submissions:

closed (25 March 2022)

Message from the Guest Editor

This Special Issue (SI) encourages scientists, engineers, educators, students, and researchers to address the current state-of-the-art in GeoAI. Original research contributions and reviews providing examples of AI, machine learning, and deep learning techniques used in GIS can be included in this SI.

Keywords

- Geospatial artificial intelligence
- Machine learning in GIS
- Deep learning in GIS
- Classification
- Clustering
- Spatial prediction
- Spatial interpolation
- Object detection
- Semantic segmentation
- Instance segmentation





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), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (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](https://twitter.com/AtApplsci)