



Machine Learning Techniques Applied to Geospatial Big Data

Guest Editors:

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

Prof. Dr. Hyung-Sup Jung

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

Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editors

This Special Issue of *Applied Sciences*, “Machine Learning Techniques Applied to Geospatial Big Data”, aims to attract novel contributions covering machine learning techniques applied to geospatial big data in the field of GIS and RS.

Topics of interest include but are not limited to the following:

- The application of machine learning techniques combined with GIS;
- The application of machine learning techniques to remote sensing;
- The application of machine learning techniques to global positioning systems (GPS);
- Spatial analysis and geocomputation based on machine learning techniques;
- Spatial prediction using machine learning techniques;
- Geospatial big data processing of geoinformation using machine learning techniques;
- Comparison analysis among several machine learning techniques applied to GIS and RS;
- The application of machine learning techniques to geosciences, environments, natural hazards, and natural resources as case studies.





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)