

Special Issue

Recent Advances in Geographic Information System for Earth Sciences

Message from the Guest Editor

Geographic Information System (GIS) is a computer-based technology and methodology for collecting, managing, analyzing, modeling, and presenting geospatial data for a wide range of applications. GIS plays a vital role in Earth sciences by providing a powerful means of looking at the world and tools for solving complex problems. The scientific community has used GIS to reveal fascinating details about the Earth and even other planets. This Special Issue (SI) aims to encourage researchers to address the recent advances in GIS for Earth sciences. This SI will consider original research contributions and reviews on all areas of Earth sciences, including (but not limited to):

- GIS in Physical Geography
- GIS in Geology and Mineral Science
- GIS in Geophysics and Geodesy
- GIS in Soil Science
- GIS in Environmental Science
- GIS in Hydrology
- GIS in Oceanography
- GIS in Meteorology
- GIS in Astronomy

Guest Editor

Prof. Dr. Yosoon Choi

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

Deadline for manuscript submissions

closed (31 December 2019)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/25775

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsoci@mdpi.com

mdpi.com/journal/

applsoci





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

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.

Editor-in-Chief

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

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, CAPIus / SciFinder, and other databases.

Journal Rank:

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