



Geological Mapping: Laser Scanning and Digital Photogrammetry

Guest Editors:

Dr. Katarína Pukanská

Dr. Ludovit Kovanic

Dr. Karol Bartoš

Deadline for manuscript
submissions:

closed (20 September 2023)

Message from the Guest Editors

Dear Colleagues,

Research on the complex morphology, genesis, and changes of geological objects is impossible without highly accurate geodetic measurements, which provide detailed surveys, maps, sections, and spatial models. Progressive noncontact technologies such as digital photogrammetry or laser scanning methods – terrestrial and aerial – create an innovative platform for the research of these objects. This Special Issue focuses on spatial modeling of the surface geomorphology and underground features using modern technologies to obtain information about mineral units and their structure – rock and mineral types, their thickness, lithological deposits, faults, folds, and fractures – and thus interpret information corresponding to their origination over time.

Dr. Katarína Pukanská

Dr. Ludovit Kovanic

Dr. Karol Bartoš

Guest Editors





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)