

# Special Issue

## Underground Infrastructure Engineering

### Message from the Guest Editors

This Special Issue is to gather insights from a multidisciplinary scientific target group of authors that will act as a focal point for key issues to consider in underground infrastructure engineering.

Topics like underground space design, lessons learned from notable cases, the integration between surface and underground space, advances in rock mechanics, novel construction approaches and support measures, value engineering, as well as experiences from the operation of such facilities in terms of maintenance, risk assessment, and overall budgeting are part of the scope of this Special Issue of Infrastructures. Finally, special attention is paid to the recent developments under the framework of Industry 4.0 which will bring on new challenges but with more novel solutions in the whole value chain of the design and construction of underground space.

This Special Issue aims to bring together scientists from different fields that are willing to submit their articles on the above topics and to further promote underground space development.

---

### Guest Editors

Dr. Andreas Benardos

Dr. Dimitrios Kaliampakos

Dr. Pavlos Nomikos

---

### Deadline for manuscript submissions

closed (15 March 2022)



# Infrastructures

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 6.0

---



[mdpi.com/si/45717](https://mdpi.com/si/45717)

*Infrastructures*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[infrastructures@mdpi.com](mailto:infrastructures@mdpi.com)

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





# Infrastructures

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 6.0



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



## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute a research article, review or short communication for consideration and publication in *Infrastructures* (ISSN 2412-3811). There is no restriction on the length of the papers. *Infrastructures* is published in open access format. The scientific community and general public have unlimited free access to the content as soon as it is published.

*Infrastructures* is supported by the authors by the payment of article processing charges for accepted manuscripts. Please consider *Infrastructures* as an exceptional opportunity to publish your work.

---

### Editor-in-Chief

Dr. Pedro Arias-Sánchez

Applied Geotechnologies Group, Department of Natural Resources and Environmental Engineering, School of Mining Engineering, University of Vigo, 36310 Vigo, Spain

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, and other databases.

#### Journal Rank:

JCR - Q2 (Construction and Building Technology) /  
CiteScore - Q1 (Building and Construction)