

## Special Issue

# Advanced Numerical Simulation Techniques for Geotechnical Engineering

### Message from the Guest Editors

Advanced numerical simulation techniques are crucial for the long-term development of geotechnical engineering, particularly when combined with big data and machine learning. Innovative techniques have stimulated greater interest in creating more robust and accurate models and simulations under various geotechnical engineering scenarios. To obtain accurate predictions of rock fracture and fragmentation processes and prevent or mitigate geohazards, continuous advancements and applications of advanced numerical simulation techniques are essential.

This Special Issue welcomes submissions that explore the development or use of advanced numerical simulation techniques/methods in solving problems pertaining to geotechnical engineering.

---

### Guest Editors

Dr. Haoyu Han  
Dr. Huimin Wang  
Dr. Kai Tao

---

### Deadline for manuscript submissions

31 October 2026



## Eng

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 4.1



[mdpi.com/si/243513](https://mdpi.com/si/243513)

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

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





Eng

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 4.1



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



## About the Journal

### Message from the Editor-in-Chief

*Eng* (ISSN 2673-4117) is an international, peer-reviewed open access journal which publishes original papers, critical reviews, rapid communications, technical notes, and discussions on all areas of engineering.

---

### Editor-in-Chief

Prof. Dr. Antonio Gil Bravo

INAMAT<sup>2</sup>-Departamento de Ciencias, Edificio de los Acebos,  
Universidad Pública de Navarra, Campus de Arrosadía, 31006  
Pamplona, Spain

---

### Author Benefits

#### Open Access:

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

#### High Visibility:

indexed within ESCI (Web of Science), Scopus, Ei Compendex, EBSCO and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q2 (Engineering (miscellaneous))