Special Issue

New Trends in Numerical Methods in Rock Mechanics and Rock Engineering

Message from the Guest Editors

By bridging theoretical developments with practical applications, this Special Issue aims to not only support safer and more efficient engineering design but also to advance the mechanistic understanding of rock deformation, fracture, and failure under complex and coupled conditions.

Guest Editors

Prof. Dr. Qingsheng Bai

Institute of Geosafety, School of Engineering and Technology, China University of Geosciences Beijing, Beijing 100083, China

Dr. Chaofan Chen

Department Geoenergy, Montanuniversität Leoben, 8700 Leoben, Austria

Deadline for manuscript submissions

28 February 2026

Geosciences

mdpi.com/si/249744

mdpi.com/journal/
geosciences

About the Journal

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherentset of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientificallybased political decisions.
We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

Dr. Alberto G. Fairén
1. Centro de Astrobiología, CSIC-INTA, Madrid, Spain
2. Department of Astronomy, Cornell University, Ithaca, NY, USA

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), GeoRef, Astrophysics Data System, and other databases.

Journal Rank:
CiteScore - Q1 (General Earth and Planetary Sciences)