

## Special Issue

# Petrophysical and Mechanical Properties in Geoheritage and Geosites

### Message from the Guest Editors

We are very happy to announce that our Special Issue is now open to submissions. Understanding petrophysical and mechanical properties in Geoheritage and Geosites is fundamental for their preservation and conservation, as well as for developing sustainable management strategies for their protection and promotion and to increase their resilience. This Special Issue focuses on presenting innovative studies, methods, multidisciplinary approaches and practical application technologies for the analysis of petrophysical and mechanical properties within the context of Geoheritage and Geosites. The scope of this Special Issue is not limited to the petrophysical or mechanical characterization of geomaterials used for constructions or foundations, but includes stability analyses, prevention and mitigation measures, and planning processes involving Geoheritage and Geosites. Case studies and field investigations, preservation and conservation techniques, and modeling and simulation for predictive insights are important topics for providing useful information and answering questions for holistic and interdisciplinary approaches in Geoheritage and Geosites management.

### Guest Editors

Dr. Gioacchino Francesco Andriani

Prof. Dr. Eduardo Antonio Gomes Marques

Prof. Dr. Emilio Velloso Barroso

### Deadline for manuscript submissions

20 October 2025



## Geosciences

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## 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 coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based 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.

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### Editor-in-Chief

Prof. Dr. John C. Eichelberger

Alaska Center for Energy and Power, University of Alaska Fairbanks,  
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