

## Special Issue

# Light in the Ground: Distributed Fiber-Optic Sensing for Rock and Soil Behavior Monitoring

### Message from the Guest Editor

Distributed fibre-optic sensing (DFOS) technology—characterised by millimetric form factors, intrinsic immunity to electromagnetic interference, and spatio-temporal continuity—has experienced rapid uptake in geotechnical monitoring. This Special Issue is dedicated to the interrogation of multi-physical fields and attendant mechanical behaviours of rock and soil via DFOS, encompassing deformation, temperature, seepage, vibration, and the cascading geohazards precipitated by their evolution.

### Guest Editor

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### Deadline for manuscript submissions

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## Geosciences

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### 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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