Special Issue

Geoinfrastructure: A Comprehensive Review of Current Trends, Challenges and Future Perspectives

Message from the Guest Editors

Geoinfrastructure has been widely constructed and operated from ancient history to the modern day, including caves, channels, roads, highways, railways, airports, etc., manually or mechanically fabricated by raw earth or treated soils. For the multi-minerals and clay minerals within geomaterials, the derived geoinfrastructure services under the multi-field environments (thermo-hydro-chemo-bio-mechanical) are especially affected by global climate change. The performance response, including the interaction between the soil and structure, i.e., the enhancement and deterioration, is complex, but it is very important to improve infrastructure resilience and the full life-cycle's efficiency. For further reading, please follow the link to the Special Issue Website

at: https://www.mdpi.com/journal/geosciences/special_issues/TLPG5C2ZP9

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Deadline for manuscript submissions

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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 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.

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