



## Modern Advancements in the Evaluation of Soil Failure

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Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### Message from the Guest Editors

Dear Colleagues,

Soil failure often causes serious damage to buildings and civil infrastructures and can result in casualties. There have been significant investigations conducted to understand the failure mechanisms of soil in the past few decades. However, natural soil has complicated characteristics due to the complex interactions within the soil's internal structure at the microscopic level, for example, the interactions between the soil grains, water, air and other structural components such as footing, water pipe, pavement. Most soil failures (such as liquefaction, slope failure, landslide, excessive settlement, pavement failure) occur because of the lack of understanding of soil's micromechanical and micromechanical behavior. In recent years, there have been significant advancements in laboratory experimentations and numerical simulations for predicting the potential failure of soil. This special issue invites researchers to submit their original works or reviews on any aspect of the evaluation method for soil failure.





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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.

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