

## Special Issue

# Influence of Micro- and Macrostructures on the Behavior and Properties of Geomaterials

### Message from the Guest Editors

This issue delves into both classical and emerging perspectives on the micro- and macro-mechanical behaviors of granular materials. Granular materials are ubiquitous in both nature and technology, ranging from sandcastles built on beaches to indispensable computer chips that underpin modern life. In disciplines such as soil mechanics and powder technology, the study of granular materials boasts a long history, with efforts focused on understanding and predicting their complex responses under various loading conditions. Topics of interest include but are not limited to the development and application of novel experimental techniques, the microstructural and micromorphological characterization of geomaterials, the numerical modeling and analysis of fundamental granular behaviors, constitutive modeling of granular materials, data-driven approaches to constitutive modeling, and machine learning-assisted methods in this domain. We look forward to receiving your contributions.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 September 2025)



## Materials

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