Special Issue

Application of Fluid Mechanics in Geotechnical Engineering

Message from the Guest Editor

The construction and operation of surface and underground geotechnical structures is accompanied by a large number of interrelated processes of heat and mass transfer in soils. The soil is a multiphase and sometimes multicomponent system. Correct prediction of the evolution of various technical structures interacting with the soil inevitably requires a deep understanding of the patterns of many physical processes occurring in soils. This is important for providing safe and energy-efficient operation of geotechnical systems. The aim of this Special Issue is to bring together many articles to better understand the role of various physical processes in complex geotechnical systems and their interrelationships. We encourage review and research articles in this field to be submitted to the special issue.

Guest Editor

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Deadline for manuscript submissions

closed (14 November 2023)



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Message from the Editor-in-Chief

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