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Seepage and Erosion in Soils and Rocks: Challenges for Environmental Sustainability and Sustainable Geotechnical Engineering

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Deadline for manuscript submissions:
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Message from the Guest Editors

Soil–water interactions and related soil erosion are crucial subjects and mechanisms in the failure of geo-infrastructure. This interaction encompasses various processes, such as seepage in pores and fractures, the migration and clogging of fines in soils, post-erosion behavior, erosion caused by overflow, and contaminant transport in porous and fractured media, which are important for geotechnical engineering as well as other related fields, such as environmental protection and energy exploitation. Mitigating water-induced geotechnical failures is vital for ensuring the sustainability of these engineering practices.

Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Seepage in porous and fractured media
- Internal erosion in soils/rocks
- Post-erosion behavior of soils/rocks
- Interactions between porous and fractures media
- Contaminant transport in porous and fractured media
- Monitoring of water–soil/rock interactions in the field
- Challenges and mitigation strategies for soil erosion in sustainable geotechnical engineering.
- Case studies regarding water-induced geotechnical engineering problems

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Message from the Editor-in-Chief

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