



Recent Advances in Geotechnical Stability and Technological Applications

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Message from the Guest Editors

Since the father of soil mechanics, Karl Terzaghi, gave engineers a basic understanding of soil mechanics and behavior in 1925, the problem of geotechnical engineering has gradually received increasing attention. However, the stability of geotechnical engineering has been an important civil engineering problem for nearly a century. In recent years, with the rapid development of science and technology, there have been significant advances in both numerical analysis and test methods in geotechnical engineering. Most of the general geotechnical design is not a problem. However, it may be that the over-exploitation of resources has exacerbated global warming. The impact of extreme weather has gradually increased over the past two decades. Therefore, the sustainability of geotechnical projects and the timeliness of disaster prevention have gradually received attention. Based on the above factors, this Special Issue aims to publish high-quality research articles as well as reviews that seek to address recent advanced developments and applications in geotechnical safety, sustainability, and uncertainty.





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