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Geotechnical Stability Analysis for Sustainable Development of Infrastructure

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Deadline for manuscript submissions:
closed (28 February 2023)

Message from the Guest Editors

This Special Issue entitled “Geotechnical Stability Analysis for Sustainable Development of Infrastructure” is devoted to the publication of the latest research on a variety of approximate methods for predicting the maximum load, safety factor, and stability of a geostructure without inducing failure. The precise values of these factors are very essential for the safe design of geostructures. To improve the fundamental knowledge in this field, this Special Issue aims to publish novel contributions on the development of field experiments, computational methods, analytical techniques, and numerical techniques in order to improve the sustainability of geotechnical infrastructures. Several kinds of geotechnical problems are within the scope of this Issue, including footing, pile, foundation, slope, tunnel, underground space, railway, rock mechanics, mining, geotechnical uncertainties, etc. In addition, the optimization algorithms, artificial intelligence, hybrid intelligent systems, smart techniques, and the applications in the area of geotechnical engineering are also of interest.

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Message from the Editor-in-Chief

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