



Numerical Methods in Geotechnical Engineering

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Message from the Guest Editors

This Special Issue is dedicated to numerical simulation methods used in geotechnical engineering. In recent decades, advances in computer technology and the progress of computing power have become more relevant in an increasing spectrum of research disciplines. Several numerical methods such as the finite difference method (FDM), finite element limit analysis (FELA), finite element method (FEM), boundary element method (BEM), discontinuous deformation analysis (DDA) method, discrete element method (DEM), particle flow method (PFM), etc. have been improved and employed to compute many geotechnical problems due to the complexity of such engineering problems. The aim of this Special Issue is to explore recent trends and developments in the numerical methods of geotechnical engineering and their practical applications. In addition, the optimization algorithms, artificial intelligence, hybrid intelligent systems, smart techniques, and applications in the area of geotechnical engineering are also of interest.

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