



Numerical Modeling and Simulation in Geomechanics

Guest Editors:

Dr. Kwai Kwan (Henry) Wong

Prof. Yung-Ming Cheng

Dr. Chin Leo

Dr. Xiaoqin Lei

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submissions:

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Message from the Guest Editors

The advent of high-speed digital computers and the development of new theories have significantly changed the professional approach of engineers. Many computational tools in the form of commercial or free-access codes based on these new theories have been developed by researchers and subsequently made available to professional engineers. Numerical resolution of many complex problems has become a routine task in engineering design offices. It would be useful to inform the engineering community at regular intervals on the latest developments of such numerical methods and tools.

This Special Issue focuses on the modelling and simulation of coupled problems in geomechanics concerning the general behaviour of geomaterials and geo-structures, where two or more physical phenomena simultaneously intervene: thermal, mechanical, chemical, hydraulic, osmotic, capillarity, phase-change, etc.

Papers are invited from those who work on the development of new numerical methods or on the application of existing tools and methods to analyse challenging cases.

We look forward to receiving your submissions.





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Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

Message from the Editor-in-Chief

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Mathematics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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