

Special Issue

Advances in Numerical Modeling for Deep Water Geo-Environment

Message from the Guest Editors

For this Special Issue, we are seeking original and novel contributions regarding research advances or well-documented applications of numerical modeling for deep-water geo-environmental changes and soil-structure interaction problems. Submissions should focus on the reliability of numerical results. Physical and numerical models should be detailed enough for readers to reproduce the results. The appendix should include verification or validation of numerical codes/models, domain size, and mesh sensitivity analysis. Topics of interest for this Special Issue include:

- Constitutive models;
- Numerical simulation;
- Physics-informed neural network;
- Proxy modeling;
- CO₂ sequestration;
- Deep water energy production;
- Soil-structure interaction modeling;
- Artificial island and offshore slope stability analysis.

Guest Editors

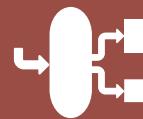
Dr. Xiang Sun

Dr. Yizhao Wan

Dr. Lunxiang Zhang

Deadline for manuscript submissions

closed (15 March 2024)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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