

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

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Deadline for manuscript submissions

closed (15 March 2024)



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You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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