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Advances in Numerical Modeling for Deep Water Geo-Environment

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Deadline for manuscript
submissions:

closed (15 March 2024)

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.

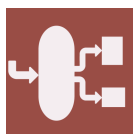
Topics of interest for this Special Issue include:

- 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.



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Special Issue



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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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