

## Special Issue

# Marine Geotechnical Engineering and Marine Civil Engineering Construction

### Message from the Guest Editors

Marine geotechnical engineering attracts increasing attention with the rise of offshore structure construction, such as oil and gas platforms and undersea tunnels. Marine soil exposed to seawater significantly differs from conventional soil in physical and mechanical properties. To better understand marine geotechnical concerns in practice, the introduction of marine civil engineering construction techniques and marine geotechnical hazards based on field surveys is also appreciated. We hope that this Special Issue will provide new insights into marine geotechnical challenges in marine civil construction and fill some research gaps in the field of marine geotechnical engineering. This complex task revolves around several topics, including but not limited to the following:

- Marine soil mechanics;
- Offshore foundations;
- Marine geohazards;
- Wind turbine pile foundations;
- Artificial ground freezing technology;
- Seismic hazards and risk analysis of offshore structures;
- Reinforcement treatment methods for soft coastal foundations;
- Marine renewable energy;

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### Guest Editors

Prof. Dr. Jun Hu

Dr. Guan Chen

Dr. Yong Fu

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### Deadline for manuscript submissions

closed (31 December 2022)



## Sustainability

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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

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