



Gas Hydrate—Unconventional Geological Energy Development

Guest Editors:

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Deadline for manuscript
submissions:

closed (10 November 2023)

Message from the Guest Editors

Dear Colleagues,

Gas hydrate has attracted attention as a potential unconventional geological energy, with numerous efforts having been devoted towards realizing the commercial production of gas hydrate. However, there are many factors restricting this development. This Special Issue aims to present recent advances in gas hydrate development. We invite you to submit comprehensive review papers and original articles covering topics including, but not limited to, the following:

- Gas hydrate reservoir structure characterization;
- Mechanical tests and constitutive models of gas hydrate-bearing sediments;
- Multiphase seepage mechanism in gas hydrate reservoirs;
- Numerical simulation methods of gas hydrate development;
- Novel gas hydrate exploitation methods;
- Geological hazards and environmental effects relative to gas hydrate development.

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Message from the Editor-in-Chief

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