



Analytical and Experimental Technology for Marine Gas Hydrate

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Message from the Guest Editors

Marine gas hydrates have attracted widespread attention from governments and researchers around the world, not only because they are considered the most promising clean energy due to their enormous resources, but also because they may cause environmental impacts such as submarine landslides and methane leaks. At present, there are still some core issues that urgently need to be solved in gas hydrate-related research. Analytical and experimental techniques are an important means to solve these problems. Microscopic testing techniques can help obtain information about marine gas hydrate characteristics at the millimeter, micrometer and even nanometer scales. Experimental techniques can help obtain important physical parameters of marine gas hydrates by simulating the marine environment, providing basic data for hydrate resource exploration, development and environmental effect research. In recent years, analytical and experimental techniques have been widely applied in hydrate research, achieving significant results.





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Message from the Editor-in-Chief

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