# Special Issue

# Phase Transition and Heat-Mass Transfer of Gas Hydrate in Sediment

## Message from the Guest Editors

The NGH reservoir is a complex multi-phase and multi-component system composed of natural gas, water, hydrates, ice, sand, etc. The fundamental scientific issues involved in NGH exploitation not only include phase transition, the dynamic process of gas-liquid-solid multiphase seepage, and heat and mass transfer caused by NGH decomposition. These processes interact and restrict each other, which leads to the difficulty of NGH exploitation technology. Further progress on this front call for new exploitation techniques based on heat and mass transfer theory, as well as for an improved understanding of the meaning of entropy in complex systems. Contributions addressing any of these issues are very welcome.

## Guest Editors


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## Deadline for manuscript submissions

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