

## HYDRATE ENERGY INTERNATIONAL

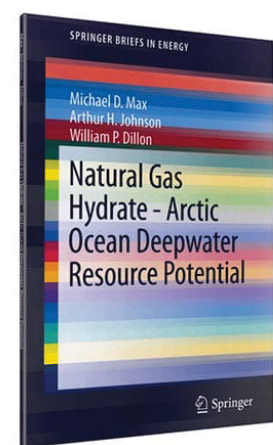
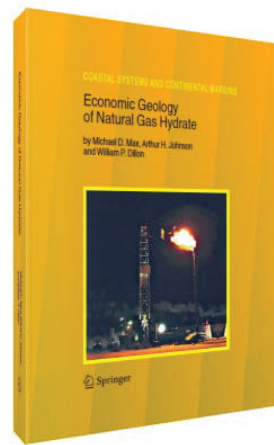
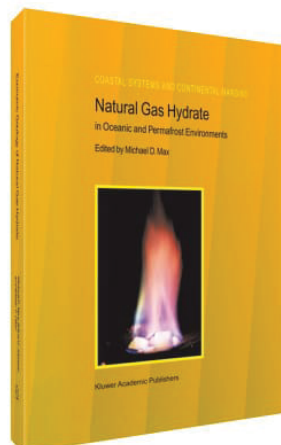
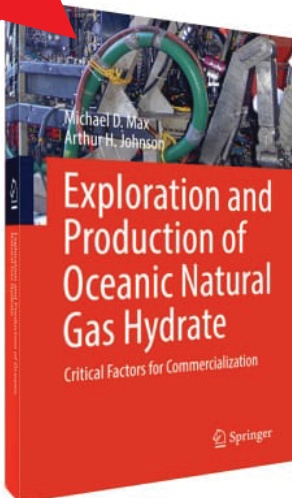
Hydrate Energy International LLC (HEI) is one of the world's leading consultancies for unconventional gas resources, particularly natural gas hydrate (NGH). Our approach is to integrate high-quality science with industrial perspectives.

We are dedicated to research and development in this rapidly emerging field. Our clients include government agencies, and companies in the United States, Latin America, Europe, and Asia.

HEI is focused on activities leading to the safe and environmentally responsible commercial extraction of natural gas from gas hydrate. We conduct assessments based on valid science and economics, and on the effect of hydrate on drilling safety and seafloor stability.

HEI's principals have been active in marine gas hydrate research for over 25 years and have published many journal and magazine articles and books on the paragenesis of hydrate growth and scenarios for gas production from natural gas hydrate.

Some of our publications:





## Our services include:

- New technology development for NGH focusing on drilling and production.
- Modeling of potential gas hydrate concentrations for the assessment of resource potential and hazards
- Regional hydrate assessments
- Prospect analysis and drilling recommendations
- Design, commissioning and interpretation of seismic and other acoustic surveys
- Optimization of research and work programs for gas hydrates and the Development of integrated hydrate studies.
- Special programs and training activities that integrate the science of gas hydrates with conventional geology, geophysics, geochemistry, and stratigraphy

HEI uses a “petroleum systems” approach to our assessment and exploration consulting:

- Pressure and Temperature
- Source
- Migration
- Lithology
- Traps and Seals

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