International Gas Hydrate Research Department Of Energy
International Gas Hydrate Research Department
International Gas Hydrate Research Department Natural gas is an abundant resource across the United States, and new discoveries and extraction methods have led to a dramatic rise in shale gas development -- making America the world’s

International Gas Hydrate Research Department Of Energy
International Collaboration: International collaboration continues to be a vital part of DOE’s gas hydrate research program, as the gas hydrate portfolio represents research challenges and potential that are global in scale. Research Scope. Examples of Ongoing Work. Next Steps

Gas Hydrate - Department of Energy
The number of discoveries and advances regarding gas hydrates has advanced at a rapid pace in recent years. As a leading voice in international gas hydrate research, the U.S. Geological Survey has contributed substantially to the discourse. Now, to take stock of where we are and what is known about gas hydrates, USGS has published two new fact sheets focused on methane

Modern Perspective on Gas Hydrates - usgs.gov

International Gas Hydrate Research - Department of Energy
In a unique international effort, the US Department of Energy (DOE) and the National Energy Technology Laboratory (NETL) have made a leap forward in investigating the resource potential of natural gas hydrates within the Prudhoe Bay Unit (PBU) on the Alaska North Slope. DOE/NETL formed a partnership with the Japan...

DOE and international partners successfully gas hydrate ...
Abstract Gas hydrates are frozen cage-like solids in which water molecules enclose gas molecules. Hydrates form under high pressure at temperatures near freezing in ocean sediments and arctic permafrost. ... U. S. Department of Energy Gas Hydrate Research Impacting Offshore Development ... This paper will summarize the status and expected ...

U. S. Department of Energy Gas Hydrate Research ... - OnePetro
The Fourth Workshop of the International Committee on Gas Hydrates Research and Development was held during 9-11 May 2005 in Victoria, British Columbia, Canada. Invited national agency representatives and international researchers from university, government, and industry convened to assess research priorities and to promote international collaboration on methane hydrate research.

International Workshop on Methane Hydrate Research and ...
1.0 Executive Summary This Interagency Roadmap for Methane Hydrate Research and Development is a joint effort of representatives of the Department of Energy (DOE), the Department of Interior (the U.S. Geological Survey (USGS), the Bureau of Ocean Energy Management

AN INTERAGENCY ROADMAP FOR METHANE HYDRATE RESEARCH AND ...
The most recent estimates of gas hydrate abundance suggest that they contain perhaps more organic carbon than all the world’s oil, gas, and coal combined. Research in this area is focused on collaborating with industry, academia, international research organizations, and other U.S. government agencies to advance the scientific understanding ...

Gas Hydrates | netl.doe.gov
For the first time, an international research program involving the Department of the Interior’s U.S.
Geological Survey has proven that it is technically feasible to produce gas from gas hydrates. Gas hydrates are a naturally occurring "ice-like" combination of natural gas and water that have the potential to be a significant new source of gas.

**What are gas hydrates? - USGS.gov**
An international partnership formed to investigate the resource potential of natural gas hydrates has announced plans to drill an initial test well within the Prudhoe Bay Unit (PBU), on the Alaska North Slope. The US Department of Energy’s (DOE) Nationa...