

Health Impact Assessment of New Energy Sources: Shale Gas Extraction

Federal Panel Discussion

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Start
with **Science**

Supporting Safe, Responsible Development of Unconventional Domestic Natural Gas Resources

A Need for Coordinated, Interdisciplinary Science

Science priorities

- Resource assessments
- Water use and impacts on supplies for humans and ecosystems
- Impacts of produced and flowback waters on aquatic life in receiving water bodies
- Geochemistry and toxicity of fluids from shale gas wells
- Habitat destruction, forest fragmentation
- Assessments of the geographic footprint of extraction and related activities
- Induced seismicity