

Energy from the Earth: Series Launch

Energy, water, and land are fundamental, interrelated natural resources critical to the health, economic growth, and security of the nation. The connections and feedbacks among these three resources have impacts on human, environmental, and infrastructure systems. Although the U.S. is endowed with many options for supplying energy to meet national demands, different energy sources have different water and land-use requirements that have implications for local and regional water and land resources. This briefing will set the scene for a series of briefings examining the energy-water-land connections for specific energy sources.

Speakers will provide an overview of energy-water-land connections, including:

- Energy required to manage water and land
- Water required to produce energy
- Land required to produce energy
- Why geoscience information is an essential component in energy-water-land decision making

Speakers:

- Scott Tinker Director, Bureau of Economic Geology University of Texas at Austin State Geologist of Texas
- Robin Newmark Associate Laboratory Director Energy Analysis and Decision Support National Renewable Energy Laboratory
- Nels Johnson Director for North American Energy The Nature Conservancy
- Gene Whitney, Moderator, Independent Consultant, Washington, D.C

Date: April 21, 2015 10:00 am

Venue: 1324 Longworth House Office Building

Presented by: American Association for the Advancement of Science, American Association of Petroleum Geologists, American Geophysical Union, American Geosciences Institute, Association of American State Geologists, Geological Society of America, National Ground Water Association, National Science Foundation—Directorate for Geosciences, Soil Science Society of America, U.S. Geological Survey

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