



**SPECIAL SCIENTIFIC COMMITTEE ON UNCONVENTIONAL
OIL & GAS DEVELOPMENT**

**UNDERSTANDING POTENTIAL IMPACTS OF 21ST CENTURY OIL AND GAS
DEVELOPMENT IN THE APPALACHIAN BASIN: RESEARCH NEEDS
AGENDA FOR PUBLIC WORKSHOP
December 10, 2014**

Oglebay Resort & Conference Center
465 Lodge Drive, Wheeling, WV 26003

Purpose:

This second public workshop in a series of three provides an opportunity for the HEI Committee to hear from interested parties regarding their (1) recommendations for scientific research to better understand the potential impacts of 21st century oil and gas development in the Appalachian Basin; and (2) criteria that may be used to prioritize research alternatives. The workshop is timed to allow for this input just as the HEI Committee has released its draft report *The Potential Impacts of 21st Century Oil and Gas Development in the Appalachian Basin: First Steps Toward a Strategic Research Plan* and before it begins development of its *Strategic Scientific Research Plan*. In addition, all workshop participants will hear from speakers knowledgeable about potential impacts on communities and the evolution of oil and gas industry practice and technology.

AGENDA		
8:00 - 8:30 AM	<i>Registration and Continental Breakfast</i>	
8:30 - 8:45 AM	Welcome and Introductions	Robert O'Keefe, HEI
8:45 - 9:00 AM	Updated Committee Charge, Goal of the Initiative, and Progress of the Committee	George Hornberger, Vanderbilt University
9:00 AM - 12:15 PM	Technical Presentations	
9:00 - 10:00 AM	Engineering Risk, Evolving Technology	Daniel Soeder, DOE-NETL
10:00 - 10:15 AM	Break	
10:15-11:15 AM	Evolving Industry Technology	Michael E. Parker, Parker Environmental and Consulting, LLC
11:15 – 12:15 AM	Potential Community Impacts	Jeffrey Jacquet, South Dakota State University
12:15 - 12:45 PM	Lunch	
12:45 PM - 4:30 PM	Looking Ahead: The Committee's Draft Report and Research Recommendations	
12:45 - 1:15 PM	Presentation of the draft report: <i>The Potential Impacts of 21st Century Oil and Gas Development in the Appalachian Basin: First Steps Toward a Strategic Research Plan</i>	Donna J. Vorhees, HEI
1:15 - 2:45 PM	Workshop Participants Share Research Recommendations with Committee	Workshop participants; Moderated by George Hornberger, Vanderbilt University
2:45 - 3:00 PM	Break	
3:00 - 4:25 PM	Identification of Criteria for Defining Research Priorities	Workshop participants; Moderated by Alison Cullen, University of Washington
4:25 – 4:30 PM	Closing Remarks	Dan Greenbaum, HEI