



Environment, Energy and Land Use Steering Committee: Educational Session

Saturday, February 20, 2:00 PM—4:30 PM | Marriott Wardman Park Hotel | Room: Thurgood Marshall
North/East

Environment, Energy and Land Use Steering Committee Subcommittee Chairs and Vice Chairs

Air Quality Subcommittee Chair:	Hon. Kitty Barnes, Commissioner, Catawba County, NC
Air Quality Vice Chair:	Hon. Arlanda Williams, Councilwoman, Terrebonne Parish, La.
Air Quality Vice Chair:	Hon. W. Lawrence Givens, Commissioner, Umatilla County, Ore.
Energy/Renewables Subcommittee Chair:	Hon. John Kinkaid, Commissioner, Moffat County, Colo.
Energy/Renewables Subcommittee Vice Chair:	Hon. Paula Brooks, Commissioner, Franklin County, Ohio
Energy/Renewables Subcommittee Vice Chair:	Hon. Ron Peters, Commissioner, Tulsa County, Okla.
Land/Solid Waste Subcommittee Chair:	Hon. Robert Cole, Commissioner, Santa Rosa County, Fla.
Land/Solid Waste Subcommittee Vice Chair:	Hon. Michael Victorino, Maui County, Hawai'i
Land/Solid Waste Subcommittee Vice Chair:	Hon. Melissa Cribbins, Commissioner, Coos County, Ore.
Water Quality Subcommittee Chair:	(OPEN)
Water Quality Vice Chair:	Hon. Kenton Ward, Surveyor, Hamilton County, In.
Water Quality Vice Chair:	Hon. Rick Miller, Commissioner, Franklin County, Wash.

Draft Meeting Agenda

Call to Order and Welcome

Hydraulic Fracturing: Separating Frack from Fiction

Hydraulic fracturing, also known as fracking, is a method used by the oil and gas industry to extract oil and natural gas from shale and other tight rock formations. Its use, along with horizontal drilling, has significantly increased oil and natural gas production in the U.S., which has benefited both the U.S. economy and its local communities. However, in recent years, hydraulic fracturing has also generated a number of public health and environmental concerns.

This session will provide various perspectives for county officials to consider on hydraulic fracturing. Specifically, the committee will discuss: the practice of hydraulic fracturing and where is it occurring, potential environmental concerns and how industry is evolving and changing to keep oil and gas drilling safe. Additionally, we will examine federal studies and regulations and how these discussions have been playing out at the state and local government level. Please join us as we examine the many facets associated with hydraulic fracturing and its impact to counties.

Speakers:

- **Thomas Murphy**, Director, Marcellus Center for Outreach and Research (MCOR), Penn State University
Mr. Murphy will frame today's discussion, while giving an overview of hydraulic fracturing.
- **Andrew Williams**, Senior State Regulatory and Legislative Affairs Manager, Environmental Defense Fund (EDF)
Mr. Williams will discuss the top five environmental concerns associated with hydraulic fracturing.

- **Tom Fitzsimmons**, President, Carbon Creek Energy, Wyoming; Commissioner for the Wyoming Oil and Gas Conservation Commission

Mr. Fitzsimmons will address how the oil and gas industry is evolving and changing on hydraulic fracturing to keep communities safe.

- **Michael Nedd**, Assistant Director, Energy, Minerals and Realty Management, Bureau of Land Management (BLM) and **Steve Wells**, Division Chief, Fluid Minerals, Bureau of Land Management (BLM)

Mr. Nedd and Mr. Wells will discuss BLM rules and regulations on federal lands governing hydraulic fracturing.

- **Jeff Frithsen**, Associate Director for Ecology, Office of Research and Development, U.S. Environmental Protection Agency (EPA)

Dr. Frithsen will discuss the results of EPA's hydraulic fracturing study.

- **Lisa Schaffer**, Director of Government Relations, County Commissioners Association of Pennsylvania

Ms. Schaffer will discuss how the tenure of the hydraulic fracturing discussion evolved in Pennsylvania and how the practice impacted local governments.

Discussion

Meeting Concludes

NACo staff contact: Julie Ufner at jufner@naco.org or 202.942.4269

Biographies of Speakers

Tom Murphy is Director of Penn State's Marcellus Center of Outreach and Research (MCOR) and has 30 years of experience working with public officials, researchers, industry, government agencies, and landowners. MCOR's mission is to pursue science-based research and understanding for the many issues surrounding the development of shale energy in Pennsylvania and around the world. This ranges from environmental risk mitigation strategy, to legal and regulatory implications of energy development in local communities.

Tom lectures globally on natural gas development from shale, the economics driving the process, and its broad impacts including landowner and surface issues, environmental aspects, evolving drilling technologies, critical infrastructure, workforce assessment and training, local business expansion, resource utilization, financial considerations and liquefied natural gas export trends.

Andrew Williams oversees EDF's efforts to improve environmental performance and oversight of oil and gas production activities in the Appalachian Production Basin. He manages technical experts and policy advocates, and works with state officials, partners and NGOs. Before joining EDF, Andrew served as V.P. and General Counsel for Hickory Creek Ventures, LLC, which is a strategic consulting business focused on the nexus between natural resource production, legislative reform and technology innovation.

Andrew has also been an Operational Officer and Vice President for Atlas Pipeline Mid-Continent in Tulsa Oklahoma, Director of Commercial Services for Atlas and the Manager of Environment Health and Safety for Spectrum Field Services. Andrew served on the advisory council for the Oklahoma Commission on Marginally Producing Oil and Gas Wells, is a past board member of the Natural Gas and Energy Association of Oklahoma, served on the Legislative and Regulatory Affairs Committee for the Gas Processors Association and was a PetroPro with the Oklahoma Energy Resources Board.

Tom Fitzsimmons is a graduate from the University of Wyoming's Petroleum Engineering program and has worked for several oil and gas producing companies before starting his own oil and gas engineering business and natural gas production company. Tom serves as Chairman of the Wyoming Enhanced Oil Recovery Commission and is a Commissioner of the Wyoming Oil and Gas Conservation Commission. Tom has a wealth of experience in drilling and completion activities on fee, state, federal and Indian lands.

Michael D. (Mike) Nedd is the Assistant Director for the Bureau of Land Management's (BLM) Energy, Minerals & Realty Management. He provides the vision and leadership for developing and implementing programmatic policies, guidance, oversight, human and fiscal resources for renewable energy, fluid and solid minerals programs, the lands and realty programs and the cadastral survey program. This includes the appropriate use, and protection, reclamation, and restoration of these resources. The Bureau of Land Management (BLM) is responsible for managing almost 258 million acres of land – about one-eighth of the land in the United States – and 700 million acres of subsurface mineral estate.

Mike has held numerous positions within BLM, including State Director, Associate State Director and Deputy Chief Information Officer (CIO)/Deputy Assistant Director. Prior to joining BLM, Mike worked for the National Park Service, the State of South Carolina and several private organizations. He also spent more than eight years on active duty in the military as an officer and enlisted soldier, in several highly specialized units. Mike holds a Master's Degree in Information and Systems Management from Strayer University. He has also earned undergraduate degrees in Information and Systems Management and Business Administration.

Jeff Frithsen is the Associate Director for Ecology within the USEPA's Office of Research and Development, National Center for Environmental Assessment. Dr. Frithsen has worked for the USEPA since 1998. His work is focused on developing agency scientific assessments that inform environmental management and policy decisions. Agency assessments coordinated by Dr. Frithsen include: an assessment of mountaintop mining and valley fill practices; a report to Congress providing an assessment of the environmental consequences of the increased use of biofuels; and a recent assessment of potential impacts of proposed large-scale mining in Bristol Bay, Alaska. Dr. Frithsen is currently coordinating the development of the agency's oil and gas hydraulic fracturing drinking water assessment report. He holds a B.S. in Biology from Boston College, and a Ph.D. in Oceanography from the University of Rhode Island. He describes himself as a displaced New Englander, a sometimes cyclist, and a passionate sailor who is still learning the ropes and yearning for calm seas and a following wind.

Lisa Schaefer is the Director of Government Relations for the County Commissioners Association of Pennsylvania and has been with CCAP since November 2010. She is responsible for the development and implementation of the CCAP legislative program, including research, analysis and advocacy on legislative, regulatory and administrative activity. Lisa is the staff liaison to CCAP's Assessment and Taxation and Energy, Environment and Land Use policy committees as well as the Natural Gas Task Force. Prior to coming to CCAP, Lisa was part of the Government Relations staff at the Pennsylvania School Boards Association and has worked as a staffer in the state Senate. She holds a bachelor's degree from Lebanon Valley College and a Master's degree in Public Administration from Shippensburg University.