

# **Assessment and Evaluation of Vapor Intrusion at Petroleum Release Sites**

**30<sup>th</sup> Annual International Conference on Soils, Sediments, Water, and Energy**  
**University of Massachusetts, Amherst, MA**  
**October 20 to 23, 2014**

**Workshop 9**  
**October 22, 2014**  
**6:30pm – 9:30pm**

**Robin Davis, Utah Department of Environmental Quality, Salt Lake City, UT**  
**George DeVaul, Shell Global Solutions, Houston, TX**  
**Todd Ririe, BP, La Palma, CA**

# Contact Information

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## Workshop Agenda

- 6:30 –6:35 Welcome, Introductions, Safety Issues: [**DeVaul** / **Ririe**]
- 6:35-6:50 Petroleum Vapor Intrusion Conceptual Model [**Ririe**]
- 6:50-7:10 Update on EPA Regulatory Guidance, ITRC PVI Guide & Training [**DeVaul**]
- 7:10-7:35 Biovapor Model and Exclusion Criteria [**DeVaul**]
- 7:35 – 8:10 Studies of Natural Attenuation of Subsurface Petroleum Hydrocarbon Vapors and Recommended Screening Criteria: [**Davis**]
- 8:10 - 8: 40 Sampling and Analysis [**Ririe**]
- 8:40 – 8:55 Case Studies [**Ririe**]
- 8:55 – 9:05 Methane [**DeVaul**]
- 9:05 – 9:20 Lessons Learned from VI investigations [**Ririe**]
- 9:20-9:30 Summary: **All**

# Information

USEPA OUST: <http://epa.gov/OUST/cat/pvi/index.htm>

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USEPA OSWER <http://www.epa.gov/oswer/vaporintrusion/>

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ITRC [www.itrcweb.org](http://www.itrcweb.org)

BioVapor Software: <http://www.api.org> Search: "BioVapor"

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