

Geothermal Resources Council Annual Meeting - Oregon Convention Center, Portland, Oregon  
Pre-Meeting Workshop - September 26 and 27, 2014

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**AGENDA**

**GEOHERMAL LEASING, UNITIZATION, AND WATER USE LEGAL ISSUES**

Anna Carter, Charlene Wardlow and Paula Blaydes  
Co-Chairs

**DAY 1: GEOHERMAL LEASING AND UNITIZATION**

- 8:45      **Elements of Geothermal Leases, Part 1**  
Kevin Talkington, Calpine Corporation
- 9:15      **Elements of Geothermal Leases, Part II**  
Vince Signorotti, EnergySource
- 9:55      **Geothermal Energy Leasing on BLM Managed Lands**  
Sean Hagerty, BLM Geothermal Program Lead, Sacramento, California
- 10:25     **BLM Permitting of Exploration and Drilling**  
Wyndy Rausenberger, Attorney-Advisor, Dept. Interior, Washington, D.C.
- 10:55     **Geothermal Development of U.S. Department of Defense Lands\***  
Andrew Sabin, Navy, U.S. Dept. of Defense (DOD)
- 11:25     **Geothermal Leasing/Development of Tribal Lands\***  
Roger Knight, Energy Minerals Development, Indian Energy & Econ. Dev. Office
- 1:00      **Oregon State Geothermal Definitions, Ownership of Geothermal Resources,  
and Leasing of Oregon State-owned Lands\***  
Chris Castelli, Oregon Department of State Lands
- 1:30      **California State Geothermal Definitions, Ownership of Geothermal Resources,  
and Leasing of California State-owned Lands\***  
Joe Fabel, California State Lands Commission
- 2:00      **Making Sense of Definitions and Ownership of Geothermal Resources and Recent  
Developments in Washington State**  
Kathleen Callison, Callison Law
- 3:05      **Identifying Parameters of Geothermal Reservoirs\***  
Al Waibel, Columbia Geoscience

- 3:40           **Overview of Federal Geothermal Units and Unit Agreement Regulations**  
Steven Storo, Geothermal Project Manager, BLM-Oregon
- 4:15           **Correlative Rights, the Rule of Capture and Other Common Law Tales**  
Jennie Bricker, Bricker Law and Mediation
- DAY 2:           WATER USE IN GEOTHERMAL EXPLORATION AND DEVELOPMENT, STATE WATER  
RIGHTS, AND FEDERAL WATER REGULATION
- 8:15           **Water Use in Geothermal Exploration and Development**  
Randy Peterson, Ormat
- 9:00           **Advanced Geothermal Technology Solutions: Water Use and EGS**  
Susan Petty, AltaRock Energy
- 9:30           **Development of Direct-Use Geothermal Projects**  
Toni Boyd, Geo-Heat Center, OIT
- 10:15           STATE WATER RIGHTS PANEL – Kathleen Callison, Callison Law, Moderator
- 10:15           **Overview of Western Water Law and Washington/Oregon Water Rights**  
Kathleen Callison, Callison Law
- 10:40           **Water Rights for Geothermal Applications in Nevada**  
Randy Peterson, Ormat
- 11:05           **An Overview of California’s Water Rights Laws**  
Paula Blaydes, Blaydes & Associates
- 11:20           **IID’s Colorado River Water Entitlement, Consumptive Uses and the  
Salton Sea Renewable Energy Initiative Nexus\***  
Tina Shields, Imperial Irrigation District
- 1:05           **Surface Discharges and Injection of Produced Geothermal Water**  
Scott Nichols, US Geothermal
- 1:45           **Injection of Municipal Wastewater at “The Geysers” in California\***  
Julio Garcia, Calpine Corporation
- 2:10           **Federal Reserved Water Rights and Environmental Analysis: A Field Level Overview**  
Karen Endres, Hydrologist, BLM, Battle Mountain, NV
- 2:35           **The Nature of the Geothermal Resource – Mineral in Character?  
Union Oil and Rosette Decisions**  
Personal Viewpoint of Wyndy Rausenberger
- 3:00           **“Waters of the U.S” – The Army Corps of Engineers 404 Dredge and Fill Permits\***  
Anita M. Andazola, U.S. Army Corps of Engineers, Portland

- 3:40            **Geothermal Permitting: Exploration to Power Generation**  
                      Scott Nichols, US Geothermal
- 4:10            **Project Development: Exploration to Power Generation\***  
                      Randy Peterson, Ormat

**\*Note:** Asterisks indicate workshop Powerpoint not authorized for posting on GRC website.  
 To contact Speakers or Co-Chairs, see *Chairs and Speaker BIOS AND CONTACTS* file.

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**GRC Website: [geothermal.org](http://geothermal.org)**

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