

## 2011 Oregon Ground Water Association Spring Technical Seminar

- When:** March 3-5, 2011
- Where:** Oregon Garden Resort  
895 W Main Street  
Silverton, Oregon
- Cost:** \$155 member  
\$195 non-member
- Contact:** for more information contact Nancy Sippel at: telephone: 503 390-7080; fax: 503 390-7088; e-mail: nancy@ogwa.org

Continuing education credits (CECs) for the following courses that comprise this event have been assigned as follows:

- **“Frontline Safety” four (4) hours, March 3, 2011.** The instructor is Don Fleck. **Four (4) CECs in the safety/first aid/CPR category.**
- **“Describing Well Cuttings in Sedimentary Aquifers” one (1) hour, March 4, 2011.** The instructor is Karl Wozniak, Oregon Water Resources Department. **One (1) CEC in the OR gw/well laws category.**
- **“Basic Pump Hydraulics” one (1) hour, March 4, 2011.** The instructors are Stan Withee and John Large, Willamette Valley Pump Company. **0.5 CEC**
- **“Well Construction and the Mosier Groundwater Story and Misc. Business...” one (1) hour, March 4, 2011.** The instructors are Doug Woodcock and other Oregon Water Resources Department Staff. **One (1) CEC in the OR gw/well laws category.**
- **“Integrating Wireless Technology Into Your Pump Automation System” one (1) hour, March 4, 2011.** The instructor is Ron Reeves, Banner Engineering Corp. **0.5 CEC.**
- **“Drilling Practices, Fluids and Grouts for the Geothermal Heat Loop Industry” one (1) hour, March 4, 2011.** The instructor is Jack Sowers, Baroid IDP. **One (1) CEC.**
- **“Why a VFD and How to Apply Them in Pumping Applications” one (1) hour, March 4, 2011.** The instructor is Ron Reeves, Yaskawa America, Inc. **0.5 CEC.**
- **“I-5 SW Iowa Street Viaduct Bridge Replacement Project – Slope Stability in the Urban Environment – how geotechnical drilling pertains to the construction industry” one (1) hour, March 4, 2011.** The instructor is Stephen Hay, Oregon Department of Transportation. **One (1) CEC.**
- **“Pump and Water Treatment Product Showcase” one (1) hour, March 4, 2011.** M & S Representatives. **0.5 CEC.**
- **“Truck Safety/Truck Size & Weight – load securement, size & weight requirements, driver qualification (federal/state regulations)” one (1) hour, March 5, 2011.** The instructor is Chuck Adams, Oregon Department of Transportation. **One (1) CEC.**
- **“The Nebraska Grout Task Force Research: Unexpected Results – New**

**Solutions” one (1) hour 30 minutes, March 5, 2011.** The instructor is Tom Christopherson. **1.5 CECs.**

- **“Cost Management and Your Paycheck” two (2) hours, March 5, 2011.** The instructor is Steve Kaser, Forge Pacific. **Two (2) CECs.**
- **“Dealing with Bacteria-Contaminated Ground Water – down the well and at the surface” one (1) hour, March 5, 2011.** The instructors are Allen Hurtado, United Pipe & Supply Co. and Paul Christensen, Christensen Well Drilling. **One (1) CEC.**
- **“Advances in the Water-Well Industry Over the Last 25 Years” one (1) hour, March 5, 2011.** The instructor is Thom Hanna, Johnson Screens. **One (1) CEC.**