

2012 NGWA Groundwater Expo

- When:** December 4-7, 2012
- Where:** Las Vegas Convention Center
Las Vegas, NV
- Cost:** \$150 members/\$275 non-members
- Contact:** National Ground Water Association 800 551-7379 or see www.ngwa.org to register and for more information

Continuing education credit (CEC) for the courses that comprise this event has been assigned as follows:

- **“Using Sand Tank Models to Teach About Groundwater” one (1) hour and 10 minutes, December 5, 2012.** The instructor was W. Richard Laton, California State University-Fullerton. **One (1) CEC.**
- **“Using the NGWA Pump Sizer” one (1) hour, December 4, 2012.** The instructor was John Pitz, NL Pitz Inc. **0.5 CEC.**
- **“VFDs in Today’s Commercial and Agricultural Water Systems” one (1) hour and 10 minutes, December 5, 2012.** The instructor was Bob McClain, Franklin Electric. **0.5 CEC.**
- **“Water Well Rehabilitation and Maintenance – Green Approach to Asset Management and Iron Bacteria Control” one (1) hour, December 4, 2012.** The instructor was Neil Mansuy, Subsurface Technologies Inc. **One (1) CEC.**
- **“Water Well Rehabilitation and Maintenance, Is It Worth the Effort?” one (1) hour, December 4, 2012.** The instructor was Kevin McGinnis, Cotey Chemical Corp. **One (1) CEC.**
- **“Reverse Circulation Drilling” one (1) hour, December 4, 2012.** The instructor was Thomas Downey, Downey Drilling Inc. **One (1) CEC.**
- **“PC-Based Well and Pump Management Applications” one (1) hour, December 6, 2012.** The instructors were Yemia T. Hashimoto, Robert Royall, Scott Warner, William Greg Hamer, N. Thomas Sheahan, AMEC Geomatrix Inc.; Stephen Harrison and Thuy Luong, California Water Service Company. **One (1) CEC.**
- **“Proper Decontamination of Drilling Equipment” one (1) hour, December 4, 2012.** The instructor was Thomas D. Dalzell, AMS. **One (1) CEC.**
- **“Properly Sizing and Selecting a Water System” one (1) hour, December 4, 2012.** The instructor was Chris Preston, Xylem Inc. **One (1) CEC.**
- **“My Most Difficult (Memorable) Pump Job Discussion Session” one (1) hour, December 4, 2012.** The instructor was Kathryn J. Butcher, NGWA. **0.5 CEC.**
- **“Modelo Económico para Diseño de Pozos” one (1) hour and 30 minutes, December 6, 2012.** The instructor was Mauricio Javier Jaime Salazar, Roscoe Moss Co. **1.5 CECs.**
- **“Mud Rotary Drilling” one (1) hour, December 4, 2012.** The instructor was Roger Renner, E.H. Renner & Sons Inc. **One (1) CEC.**

- **“Mechanically Joined PVC Well Products – A 15-Year Retrospective and Look Towards the Future” one (1) hour, December 4, 2012.** The instructor was Steven B. Gross, CertainTeed. **One (1) CEC.**
- **“Introduction to the Use and Installation of In Situ Piezometers for Groundwater Monitoring” 30 minutes, December 6, 2012.** The instructor was Roy E. Jensen, Hart Crowser Inc. **0.5 CEC.**
- **“Innovative Approaches to Injection Well Design, Construction, Operation and Maintenance – Sharing Over 40 Years of Practical Experience” one (1) hour, December 6, 2012.** The instructors were John D. Bonsangue and Justin McKeever, Orange County Water District. **One (1) CEC.**
- **“Glass Bead Filter Packs for Better Performance and Life Cycle Costs” one (1) hour, December 4, 2012.** The instructor was Reinhard Anton Klaus, RKP Consulting. **One (1) CEC.**
- **“High Capacity Pumping” one (1) hour, December 4, 2012.** The instructor was Tanner Tryon, Hose Solutions. **0.5 CEC.**
- **“Hydrogeology 101” one (1) hour and 30 minutes, December 6, 2012.** The instructor was W. Richard Laton, California State University-Fullerton. **1.5 CECs.**
- **“Improving Water Well Management: Pulling It All Together” one (1) hour, December 4, 2012.** The instructor was Kathleen M. Wiseman, Water Systems Engineering Inc. **One (1) CEC.**
- **“Inflatable Packers: Deployment and Safety” one (1) hour, December 4, 2012.** The instructor was David Baca, Aardvark Packers LLC. **One (1) CEC.**
- **“An Innovative Air-Rotary Drilling Technology That Lets You Drill Right Through Caving Overburden” one (1) hour, December 4, 2012.** The instructor was Todd Giddings, Todd Giddings and Associates Inc. **One (1) CEC.**
- **“Effectively Troubleshooting Water Systems” one (1) hour, December 4, 2012.** The instructor was Chris Preston, Xylem Inc. **One (1) CEC.**
- **“Selecting a Dissolved Oxygen Sensor and How to Collect the Best Data” one (1) hour, December 4, 2012.** The instructor was Laura St. Pierre, YSI Inc. **One (1) CEC.**
- **“Keeping the Pump Primed: Aquifer Sustainability” one (1) hour and 30 minutes, December 5, 2012.** The instructor was John Jansen, Cardno ENTRIX. Note: this is the McEllhiney Lecture for 2013. **1.5 CECs.**
- **“Air Rotary Drilling” one (1) hour, December 4, 2012.** The instructor was Richard Thron, Mantyla Well Co. **One (1) CEC.**
- **“ANSI/NGWA Well Construction Standard, Part 1” one (1) hour, December 4, 2012.** The instructor was Todd Hunter, Boulder GWS LLC. **One (1) CEC.**
- **“ANSI/NGWA Well Construction Standard, Part 2” one (1) hour, December 4, 2012.** The instructor was Roger E. Renner, E.H. Renner & Sons Inc. **One (1) CEC.**
- **“Aquatic Toxicity Testing of Various Freshwater Drilling Additives” one (1) hour, December 4, 2012.** The instructors were Shantel J. Stone and Jeff Blinn, Halliburton. **One (1) CEC.**
- **“Real-Time Monitoring System for Evaluating Long-Term Variability in Methane in Domestic Water Wells in Pennsylvania” 30 minutes, December 6, 2012.** The instructors were Charles B. Whisman III, Denise N. Good and Richard

Wardrop, Groundwater & Environmental Services Inc. and Debby McElreath and Charles Olmsted, Chesapeake Energy Corp. **0.5 CEC.**

- **“Using NGWA Best Suggested Practices to Address Water Quality Issues” one (1) hour, December 4, 2012.** The instructor was Claude Mays, Mostardi Platt Environmental. **One (1) CEC.**
- **“Collecting a Representative Groundwater Sample Using low Flow Sampling Procedures Best Practices” one (1) hour, December 4, 2012.** The instructor was Laura St. Pierre, YSI Inc. **One (1) CEC.**
- **“Environmental Chemistry Made Easy for Site Investigation and Remediation” two (2) hours, December 6, 2012.** The instructor was George A. Ivey, Ivey International Inc. **Two (2) CECs.**
- **“Field Techniques for Understanding Your Well Problems” one (1) hour, December 4, 2012.** The instructor was David T. Hanson, Design Water Technologies. **One (1) CEC.**
- **“Hydraulic Fracturing: A Litigator’s Perspective and What Your Business Needs to Know About Potential Liability” one (1) hour, December 4, 2012.** The instructor was Nathan B. Atkinson, Spilman Thomas & Battle PLLC. **One (1) CEC.**
- **“Hydraulic Fracturing – Regulatory Officials’ Panel” one (1) hour and ten minutes, December 5, 2012.** The instructors were Trina Ozer, North Carolina Department of Environment and Natural Resources and Gil Bujano, Texas Railroad Commission. **One (1) CEC.**
- **“Biofilm 101” one (1) hour, December 5, 2012.** The instructor was Roger Miller, Water Systems Engineering Inc. **One (1) CEC.**
- **“A Comparative Analysis of Mud Cleaning Systems Side by Side on the Same Site” one (1) hour, December 4, 2012.** The instructor was Dominique Durbin, Durbin Geothermal Inc. **One (1) CEC.**
- **“Do I Need a Succession Plan?” one (1) hour, December 6, 2012.** This is a discussion session. **One (1) CEC.**
- **“Working with Solvents” one (1) hour, December 4, 2012.** The instructor was Richard Velletri, The Hartford. **One (1) CEC.**
- **“The Grateful Tread” one (1) hour, December 4, 2012.** The instructor was Jim Wright, National Exploration, Wells, and Pumps. **One (1) CEC.**
- **“Ground Stability and Site Set-Up” one (1) hour, December 5, 2012.** The instructor was Jim Wright, National Exploration, Wells, and Pumps. **One (1) CEC.**
- **“What Business Problem Keeps You Awake at Night?” one (1) hour, December 4, 2012.** This is a discussion session; the moderator is Kathryn J. Butcher, NGWA. **One (1) CEC.**
- **“Transporting Hazardous Materials” one (1) hour and ten minutes, December 5, 2012.** The instructor was Gary LaBrake, On the Road. **One (1) CEC in the hazmat category.**
- **“Welding and Safe Practice” one (1) hour, December 4, 2012.** The instructor was Richard Velletri, The Hartford. **One (1) CEC.**
- **“Settling In-Getting Comfortable with a New Job or Company” one (1) hour, December 5, 2012.** This is a discussion session; the moderator is Kathryn J. Butcher, NGWA. **One (1) CEC.**

- **“Sharing and Selling Groundwater Science-Truth or Dare” one (1) hour and ten minutes, December 5, 2012.** This is a panel, the panel consists of: Tyler Gass, Integral Consulting Inc.; Roger Miller, Water Systems Engineering Inc. and Marvin F. Glotfelty, Clear Creek Associates. **One (1) CEC.**
- **“Public Awareness Toolbox: A Simple Guide to Educating Private Well Owners” one (1) hour, December 4, 2012.** The instructors were Cliff Treyens, NGWA and Gary L. Hix, In2Wells LLC. **One (1) CEC.**
- **“Sell More by Overcoming the Price Objection” one (1) hour and ten minutes, December 5, 2012.** The instructor was Michelle Nichols, *Water Well Journal*. **One (1) CEC.**
- **“OSHA and Us, Are We There Yet?” one (1) hour, December 4, 2012.** The instructor was Denis Crayon, Summit Drilling Company Inc. **One (1) CEC.**
- **“CDL Driver Qualification and Fitness-Complying with CSA 2010, Part 1” one (1) hour, December 4, 2012.** The instructor was Gary LaBrake, On the Road. **One (1) CEC.**
- **“CDL Driver Qualification and Fitness-Complying with CSA 2010, Part 2” one (1) hour, December 4, 2012.** The instructor was Gary LaBrake, On the Road. **One (1) CEC.**
- **“Changes in Federal Tax Law: What They Mean to You and Your Business” one (1) hour, December 4, 2012.** The instructor was Mark Van Benschoten, Rea and Associates Inc. **One (1) CEC.**
- **“Common Industry Losses and How Water Well Contractors Can Reduce Their Risk” one (1) hour, December 4, 2012.** The instructor was Richard Velletri, The Hartford. **One (1) CEC.**
- **“The Election, the Lame Duck Session, and Your Business-What It All Means” one (1) hour and ten minutes, December 5, 2012.** The instructors were J.C. Sandberg and Laine Glisson Oliver, Baker Donelson Bearman Caldwell & Berkowitz. **One (1) CEC.**
- **“Employee Oversight for Companies and Nonprofits” one (1) hour, December 4, 2012.** The instructor was Mark Van Benschoten, Rea and Associates Inc. **One (1) CEC.**
- **“Equipment Appraisals and Business Valuations: What They Are, What They Mean” one (1) hour, December 4, 2012.** The instructor was Michael A. Salvatore Jr., Salvatore Auctions & Appraisals. **One (1) CEC.**
- **“FMCSA Program and Regulatory Update” one (1) hour, December 4, 2012.** The instructor was Jack Van Steenburg, FMCSA. **One (1) CEC.**
- **“Getting an iPad for Christmas” one (1) hour and 30 minutes, December 6, 2012.** The instructor was Mark Kibble, NGWA. **1.5 CECs.**
- **“How to Read a Profit and Loss Statement” one (1) hour, December 4, 2012.** The instructor was Paul Humes, NGWA. **One (1) CEC.**
- **“Making NGWA Business Tools Work for You-Business Management” one (1) hour, December 4, 2012.** The instructors were John Pitz, NL Pitz Inc. and David Evener, NGWA. **One (1) CEC.**
- **“Fundamentals and Refresher Course on Groundwater and Wells” seven (7) hours and 30 minutes, December 4, 2012.** The instructors were Robert Sterrett;

Thom Hanna, Johnson Screens; John Jansen, Cardno ENTRIX; Don Hanson; David B. Kaminski, QED Environmental Systems Inc; and Christopher J. Neville, SS Papadopulos & Associates Inc. **8.5 CECs.**

- **“Volunteering in Developing Nations” one (1) hour, December 6, 2012.** The instructors were John A. Nadolski; Tim Mulville, Living Water International; Joseph Smith, Healing Hands International; Alan Williams; Angie Simon; and Pat Clark. **One (1) CEC.**