

## NGWA 2011 Expo

**When:** November 29 – December 2, 2011  
**Where:** Las Vegas Convention Center  
3150 Paradise Road  
Las Vegas, NV 89109  
**Cost:** \$145 members/\$250 non-members  
**Contact:** National Ground Water Association, website: [www.ngwa.org](http://www.ngwa.org) or by phone at: 800 551-7389

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

- “Characterization of a Complex, Sole-Source Aquifer System in Benin, West Africa” (2011 NGWREF Darcy Lecture) one (1) hour and 30 minutes, November 30, 2011. The instructor is Stephen E. Silliman, University of Notre Dame. *1.5 CECs.*
- “Life-Cycle Economic Analysis of Water Wells-Considerations for Design and Construction” (2012 NGWREF McElhiney Lecture) one (1) hour and 30 minutes, November 30, 2011. The instructor is Marvin F. Glotfelty, Clear Creek Associates. *1.5 CECs.*
- “Bidding and Estimating: Critical Tools for Effective Business Management” five (5) hours, December 2, 2011. The instructor is Gregg R. Corley, Clemson University. *Five (5) CECs.*
- “Consensus.docs” one (1) hour, November 30, 2011. The instructor is Mike Madigan, Kegler Brown. *One (1) CEC.*
- “The ESOP Solution” one (1) hour, November 29, 2011. The instructor is Tom Roback Jr., Blue Ridge ESOP Associates. *One (1) CEC.*
- “How the New Tax Laws Will Affect You” one (1) hour, November 29, 2011. The instructor is Mark Van Benschoten, Rea & Associates Inc. *One (1) CEC.*
- “Killer Contract Clauses” one (1) hour, November 29, 2011. The instructor is Mike Madigan, Kegler Brown. *One (1) CEC.*
- “Profit Mastery: Break-Even 360: The Absolute Best Tool to Measure and Manage Profitability” one (1) hour and 30 minutes, November 29, 2011. The instructor is Steve LeFever. *1.5 CECs.*
- “Profit Mastery: Using a Unique Financial Road Map and Scorecard to Achieve Guaranteed Financial Performance Improvement” two (2) hours and 30 minutes, November 29, 2011. The instructor is Steve LeFever. *2.5 CECs.*
- “Protecting Your Water Supply and Your Bottom Line: Shifting Treatment Costs from Ratepayers to Polluters” one (1) hour, November 29, 2011. The instructor is Alexander Leff, Sher Leff. *One (1) CEC.*
- “Update on the American Arbitration Association’s Construction Industry Mediation

- Rules” one (1) hour, November 29, 2011. The instructor is Mike Madigan, Kegler Brown. *One (1) CEC.*
- “Using Different Media to Promote Groundwater” one (1) hour, November 29, 2011. The instructor is Cliff Treyens, NGWA. *One (1) CEC.*
  - “Using Newsletters and the Web to Market Your Business” one (1) hour and 30 minutes, December 1, 2011. The instructor is Mike Price, NGWA. *1.5 CECs.*
  - “Using NGWA’s Best Suggested Practices (BSPs) As Business Tools” one (1) hour, November 29, 2011. The instructor is Todd Hunter, Boulder GWS LLC, Ground Water Pump Systems. *One (1) CEC.*
  - “Using NGWA’s Drilling Cost Calculators” one (1) hour, November 29, 2011. The instructor is Jonathan Jenkins, NGWA. *One (1) CEC.*
  - “Web-Based Information Services Available from State Geological Surveys to Assist Your Well Contracting Business” one (1) hour, November 30, 2011. The instructor is David R. Wunsch. *One (1) CEC.*
  - “ANSI/NGWA Well Construction Standard: Background, How to Use It, and Future Standards” one (1) hour, November 29, 2011. The instructor is Todd Hunter, Boulder GWS LLC, Ground Water Pump Systems. *One (1) CEC.*
  - “Designing Wells to Optimize Performance and Efficiency-How to Minimize Frictional and Financial Losses” one (1) hour, December 1, 2011. The instructors are Christopher Harich, University of Southern California; Robert Turnbull and Kevin McGillicuddy, Roscoe Moss Company. *1.5 CECs.*
  - “Glass Beads as Better Alternative to Natural Filter Gravel in Water Wells” one (1) hour, November 29, 2011. The instructor is Reinhard A. Klaus, RKP Consulting. *One (1) CEC.*
  - “Hydrogeology 101” one (1) hour, November 29, 2011. The instructor is W. Richard Laton, California State University, Fullerton. *One (1) CEC.*
  - “Hydrogeology, Water Well Design, and Construction” one (1) hour, November 29, 2011. The instructor is Jose Pina. *One (1) CEC.*
  - “Making Drilling Water Crystal Clear: It’s Easier Than You Think!” one (1) hour, November 29, 2011. The instructor is Todd Giddings, Todd Giddings and Associates, Inc. *One (1) CEC.*
  - “U.S. COE Session” four (4) hours, December 1, 2011. The instructor is Ethan Weikel, U.S. Army Corps of Engineers. *Four (4) CECs.*
  - “Polycrystalline Diamond Compact Bits: A Closer Look” one (1) hour, November 29, 2011. The instructor is Kevin Christensen, Palmer Bit Company. *One (1) CEC.*
  - “Proper Silica Selection for Geothermal Loop Installation” one (1) hour, November 29, 2011. The instructor is Todd K. Tannehill, NGWA. *One (1) CEC.*
  - “What Was I (Not) Thinking-Homework I Should Have Done Before Starting the Geothermal Job” one (1) hour, November 29, 2011. The instructors are Jack W. Henrich, Bergerson-Caswell, Inc.; Scott Fowler, NGWA; and Alan G. Eades. *One (1) CEC.*
  - “Accessing Company FMCSA Information: What the Numbers Mean” one (1) hour, November 29, 2011. The instructor is Gary LaBrake, On the Road. *One (1) CEC.*
  - “Inexpensive and Free Safety Resources for Groundwater Professionals” one (1)

- hour, November 29, 2011. The instructor is Jim Wright, WDC Exploration & Wells. *One (1) CEC in the safety/first aid/CPR category.*
- “Shocking: Using Proper Electrical Safe Practice” one (1) hour, November 29, 2011. The instructor is Jim Wright, WDC Exploration & Wells. *One (1) CEC.*
  - “Transporting Hazardous Materials in the Groundwater Industry” one (1) hour, November 29, 2011. The instructor is Gary LaBrake, On the Road. *One (1) CEC.*
  - “Understanding and Negotiating DOT Issues and Requirements for the Groundwater Industry” four (4) hours, December 2, 2011. The instructors are Gary LaBrake, On the Road and Roger E. Renner, E.H. Renner & Sons, Inc. *Four (4) CECs.*
  - “Understanding and Training for Driver Fitness Under CSA 2010” one (1) hour, November 29, 2011. The instructor is Gary LaBrake, On the Road. *One (1) CEC.*
  - “Deep Monitoring Wells in Thick Mine Spoils” 45 minutes, December 1, 2011. The instructor is David R. Wunsch. *0.5 CEC.*
  - “Effective Water Treatment Can Reduce Energy Use and Detergent Pollution” one (1) hour, November 30, 2011. The instructor is Perialwar Regunathan, Regunathan and Associates, Inc. *One (1) CEC.*
  - “In-Situ “Green” Groundwater Treatment Design and Engineering of Controlled Vertical Hydraulically Fractured GW Remediation Programs” one (1) hour, November 29, 2011. The instructor is Kevin Dyson. *One (1) CEC.*
  - “Low Flow Sampling Best Practices” one (1) hour, November 30, 2011. The instructor is Laura St. Pierre, YSI Inc. *One (1) CEC.*
  - “Nuisance Bacteria in the Well: It’s Not Just About Coliforms” one (1) hour, November 29, 2011. The instructor is Kathleen M. Wiseman, Water Systems Engineering. *One (1) CEC.*
  - “Sampling Techniques for Environmental Wells” one (1) hour, November 30, 2011. The instructor is Michael Barcelona, Western Michigan University. *One (1) CEC.*
  - “Sampling Techniques for Water Supply Wells (Testing)” one (1) hour, November 29, 2011. The instructor is Stuart Smith, Smith-Comeskey Ground Water Science. *One (1) CEC.*
  - “Water Treatment Product Certification: What Does It Really Mean” one (1) hour, November 30, 2011. The instructor is Perialwar Regunathan, Regunathan and Associates, Inc. *One (1) CEC.*
  - “Advanced Pressure Control and Pumping Protection Using Variable Frequency Drives” one (1) hour, November 29, 2011. The instructor is Paul Nistler, SJE-Rhombus. *0.5 CEC.*
  - “Big Wells-Big Pumps-Big Water” two (2) hours, November 30, 2011. The instructors are Don Harvard, NGWA; Christopher Harich, University of Southern California and Rusty Redding, contractor. *Two (2) CECs.*
  - “Energy Management-A Must!” one (1) hour, November 29, 2011. The instructor is Jack Creamer, Schneider Electric/SquareD. *0.5 CEC.*
  - “Functionality and Troubleshooting Variable Speed Pump Controllers” one (1) hour, November 29, 2011. The instructor is David L. Kill, Goulds Pumps ITT Industries. *0.5 CEC.*
  - “Water System Sizing-Obtaining Optimum Efficiency” one (1) hour, November 29,

2011. The instructor is David L. Kill, Goulds Pumps ITT Industries. *One (1) CEC.*
- “Individual Well Operation Affects Water Quality and Aquifer Sustainability” one (1) hour, November 29, 2011. The instructor is John A. Reid, Reid Plumbing Products LLC. *One (1) CEC.*
  - “Legislation and Regulations from Around the Country” one (1) hour, November 29, 2011. The instructor is Christine Reimer, NGWA. *One (1) CEC.*
  - “Soil Gas Sampling” one (1) hour, November 29, 2011. The instructor is Thomas D. Dalzell, AMS. *One (1) CEC.*
  - “Understanding and Remediating Your Well Problems” two (2) hours, November 30, 2011. The instructor is David T. Hanson, Design Water Tech. *Two (2) CECs.*
  - “Water Well Maintenance and Rehabilitation” one (1) hour, November 29, 2011. The instructor is Kevin McGinnis, Cotey Chemical Corporation. *One (1) CEC.*
  - “Aquifer Characterization Tests and Transducer Data Collection” one (1) hour, November 29, 2011. The instructor is Jim Broderick, In-Situ Inc. *One (1) CEC.*
  - “Briefing on Recent Key Actions Affecting Exempt Wells in the West” one (1) hour, November 29, 2011. The instructor is David R. Wunsch. *One (1) CEC.*
  - “Site Assessment: Effects of Demand and Land Use on Groundwater Resources” one (1) hour and 30 minutes, December 1, 2011. The instructor is Kathleen M. Wiseman, Water Systems Engineering. *1.5 CECs.*
  - “Using Sand Tank Models to Teach About Groundwater” one (1) hour and 30 minutes, December 1, 2011. The instructor is W. Richard Laton, California State University, Fullerton. *1.5 CECs.*
  - “Fishing Tools” one (1) hour, November 29, 2011. The instructor is George Stewart, Weatherford. *One (1) CEC.*
  - “Hydraulic Fracturing and Water Wells” one (1) hour, November 30, 2011. The instructor is Michael Schnieders, Water Systems Engineering. *One (1) CEC.*
  - “Introduction to Solar Water Pumping” one (1) hour, November 29, 2011. The instructor is Eric Macias, Gicon Pumps and Equipment/American West Windmill and Solar Co. *0.5 CEC.*
  - “Monitoring and Characterization of Complex Hydrogeologic Regimes Associated with Mineral Resources” 45 minutes, December 1, 2011. The instructor is Matt Hartmann, SRK Consulting Inc. *0.5 CEC.*
  - “Zero Lead Legislation – Hydroflo Pumps” one (1) hour, December 1, 2011. The instructor is Brian Daschner, Hydroflo Pumps Inc. *One (1) CEC.*
  - “How Groundwater Professionals Avoid Potential Pitfalls on Geothermal Projects” four (4) hours, December 2, 2011. The instructors are W. Richard Laton, California State University, Fullerton and Jack W. Henrich, Bergerson-Caswell Inc. *Four (4) CECs.*
  - “Appraisals: Equipment and Business Values. What Do They Mean and What to Do with Them” one (1) hour, November 29, 2011. The instructor is Michael A. Salvadore Jr., Salvadore Auctions Inc. and Kingfish Capital Advisors, LLC. *One (1) CEC.*
  - “How to Use Sediment Filter Bags to Remove Rock Chips and Silt from Drilling Water” one (1) hour, November 29, 2011. The instructor is Todd Giddings, Todd

- Giddings and Associates, Inc. *One (1) CEC.*
- “Effective Fleet Management” one (1) hour, November 29, 2011. The instructor is Richard Velletri, The Hartford Company. *One (1) CEC.*
  - “How Groundwater Contractors Can Avoid the Most Common Industry Losses” one (1) hour, November 29, 2011. The instructor is Richard Velletri, The Hartford Company. *One (1) CEC.*
  - “Job Site Safety: Mission Critical” one (1) hour, December 1, 2011. The instructor is Robert H. Stothoff, SGS North America Inc. *One (1) CEC in the safety/first aid/CPR category.*
  - “Dissolved Oxygen Sensing Technologies” one (1) hour, November 29, 2011. The instructor is Laura St. Pierre, YSI Inc. *One (1) CEC.*
  - “Overcoming Iron Bacteria in Water Wells – A New Perspective” one (1) hour, November 29, 2011. The instructor is Steve Strong, Laval Underground Surveys. *One (1) CEC.*
  - “Nontraditional Well Design and Construction Challenges” one (1) hour, November 29, 2011. The instructor is Matt Hartmann, SRK Consulting (U.S.) Inc. *One (1) CEC.*
  - “Marketing Your NGWA Certified Status” one (1) hour, November 30, 2011. The instructors are Gary Henderson; Ronald Peterson, Atlantic Well Drilling Inc.; Richard Thron, and Carl Wood. *One (1) CEC.*