

TOOLS FOR GROUNDWATER SUSTAINABILITY: WORKING TOGETHER TO MEET THE CHALLENGES

The Groundwater Foundation's 2013 National Conference

DRAFT Agenda

TUESDAY, OCTOBER 15

- 12:00 p.m. **Conference registration desk opens** *Exhibit area opens for display setup*
- 3:00 – **Groundwater Guardian Workshop** – presented by The Groundwater Foundation
4:00 p.m. *Does your community rely on groundwater for its drinking water? Does your community have groundwater issues? Does your community need to provide more education and outreach to its citizens about the source of their drinking water? If you answered yes to any of these questions, attend this workshop and learn how your community can join others working to protect groundwater.*
Cost: FREE (registration required)
- 4:00 – **Groundwater Education Opportunities and Tools** – presented by The
5:00 p.m. Groundwater Foundation
The Groundwater Foundation has been educating youth about groundwater for over 25 years. Attend this workshop to learn about some of the Foundation's current educational methods and new tools available to assist you in the classroom, park, or wherever you reach students.
Cost: FREE (registration required)
- 6:30 p.m. **Networking Dinner**
Welcome by Lake County Commissioner Sean Parks

WEDNESDAY, OCTOBER 16

- 7:30 a.m. **Conference registration desk opens** *Exhibits open*
- 8:00 a.m. **Tools for Groundwater Sustainability: What is Needed?**
The presentation and panel discussion will explore the needs and challenges associated with groundwater sustainability, setting the stage for the conference.
Jane Griffin, The Groundwater Foundation, Lincoln, NE
- Panel Discussion – How Do We Achieve Sustainability?**
Tim McLelland, Hamilton to New Baltimore Groundwater Consortium, Fairfield, OH
Mitch Bishop, Southern Nevada Water Authority, Las Vegas, NV
Ken Herd, Southwest Florida Water Management District, Brooksville, FL
Christine Spitzley, Tri-County Regional Planning, Lansing, MI

- 9:00 a.m. **Keeping the Pump Primed: Aquifer Sustainability**
Examine the various approaches to aquifer management, the evolution of regulatory practices, and meaningful ways to build consensus.
John Jansen, PhD, PG, National Ground Water Association, Columbus, OH (McEllhiney Lecture Series)
- 10:00 a.m. **Networking Break** *Exhibits open*
- 10:30 a.m. **Groundwater Sustainability: A Collaborative Approach**
Learn how Florida's water management districts are working together to find new ways of meeting the demand for freshwater.
Tom Bartol, St. Johns River Water Management District, Palatka, FL
- 11:00 a.m. **Principles of Estimating the Multiple Efficiency: A Tool for Decision Support in the Process of Choosing Actions for the Protection of Water Catchments**
A socio-economic analysis which will assess any plan for the protection of drinking water catchment areas.
Rachid Harbouze, Mediterranean Agronomic Institute of Montpellier, Montpellier, France
- 11:30 a.m. **Groundwater Guardian and Green Site Celebration Luncheon**
- 1:00 p.m. **Michigan Byproduct Synergy: Economic Development or Wellhead Protection Tool?**
A By-Product Synergy program will produce economic benefits, reduce the need for raw materials, reuse byproducts, reduce landfill waste, improve environmental performance, and provide social benefits.
Christine Spitzpley, Tri-County Regional Planning, Lansing, MI
- 1:30 p.m. **Developing Meaningful Collaborations through a Community-Based Groundwater Monitoring Research Program**
Learn how Florida used GET WET (Groundwater Education Through Water Evaluation and Testing) to monitor their drinking waters and inspire students to learn more.
Teresa E. Thornton, PhD, Oxbridge Academy of the Palm Beaches, West Palm Beach, FL
- 2:00 p.m. **Evaluating Sustainability in the Tampa Bay Area**
An analysis of pumpage-related environmental impacts, mitigation plans, climatic variability and environmental impacts caused by urbanization and development in order to quantify groundwater sustainability.
Warren Hogg, Tampa Bay Water, Clearwater, FL
- 2:30 p.m. **Networking Break** *Exhibits Open*
- 3:00 p.m. **Challenges Associated with Creating a Sustainable Water Use Plan for the State of New Jersey**
Identification of the scientific and political challenges the State faced in writing, gathering support for, and implementing a water supply plan.
Joseph J. Hochreiter, CFWP; Senior Environmental Consulting LLC, Yardley, PA

- 3:30 p.m. **Creative Partnerships for Sustainable Groundwater Management**
Exploring the collaborative efforts needed to move towards sustainable groundwater management.
Jason Mickel, Southwest Florida Water Management District, Brooksville, FL
- 4:00 p.m. **Aquifer Watch: A New Educational and Aquifer Data-Gathering Program in Florida**
Learn how this group of citizen scientists educates the public about groundwater and monitor the water levels and water quality.
George H. Edwards, CPG, AquiferWatch Inc., Gainesville, FL
- 4:30 p.m. **Custom Networks from USGS Groundwater Watch Provide Information for Multiple Missions**
The USGS Groundwater Watch tool can be customized to state and local networks. Learn how you can use it to further your local efforts.
Robert Swanson, US Geological Survey Nebraska Water Science Center, Lincoln, NE
- 6:00p.m. **Networking Dinner**

THURSDAY, OCTOBER 17

- 8:00 a.m. **Networking Opportunities** *Exhibits Open*
- 8:30 a.m. **Sparkplug Breakfast**
A unique perspective on groundwater sustainability that will get you pumped up and inspired.
Breakfast speaker: James Burks, Senninger Irrigation, Clermont, FL
- 9:30 a.m. **Break**
- 9:45 a.m. **Essential Elements of Groundwater Sustainability**
Introduction to the importance of certain elements to groundwater sustainability.
Speaker TBD
- 10:00 a.m. **Panel Discussion – Community Education and Engagement**
Panelists will share their diverse experiences and perspectives of using community education and engagement as a pathway to groundwater sustainability.
Jay Beaumont, Orange County, NY
Alys Brockway, Hernando County Utilities, Brooksville, FL
Jane Griffin, The Groundwater Foundation, Lincoln, NE
Cathy Lotzer, Marshfield Utilities, Marshfield, WI
- 11:00 a.m. **What Do We Know Now? Where Do We Go From Here?**
Christine Owen, Tampa Bay Water, Clearwater, FL
A look back at the messages and information gleaned from speakers throughout the conference and how we can all utilize it to make a difference in protecting and conserving our precious water resources into the future.

11:30 a.m. **Conference Wrap Up and Prize Drawings**
Were you able to chat with and visit all the exhibitors during breaks? If so, you will be eligible to win a variety of prizes!

12:00 p.m. **Conference Adjourns**

POST CONFERENCE TOUR

1:00 – **Scuba Dive/Snorkel at Alexander Springs tour** (optional – not included in registration)
8:00 p.m.

Scuba Dive (limited to 8 people). Includes transportation, park entry fee, and rental of tank, weights, regulator and BC. Divers must have in their possession a current Scuba Certification Card, and will need to bring their own mask and fins. When registering, please provide shoe size, height, and weight. Cost: \$120

Snorkel (limited to 10 people). Includes transportation, park entry fee, rental of mask, snorkel, and fins. When registering, provide shoe size, height, and weight. Cost: \$85

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