



GROUNDWATER PROTECTION

bridging the gap between what is
known and what is practiced



2007 Groundwater Foundation National Conference and Groundwater Guardian Designation

Sheraton Denver West

Lakewood, Colorado

November 28-30, 2007



A Program of The Groundwater Foundation
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CONFERENCE AGENDA

Wednesday, November 28, 2007

- 5:00-7:00 p.m. **Registration** ([City Lights Foyer](#))
- 7:00-9:00 p.m. **Opening Reception and Award Presentations**
([Bergen Park](#))
Special guest US Senator E. Benjamin Nelson, NE
(via video)

Thursday, November 29, 2007

SESSION ONE: WHAT IS KNOWN

- 8:45 a.m. **Welcome** ([City Lights 2&3](#))
Cindy Kreifels, The Groundwater Foundation, Lincoln, NE
- 9:00 a.m. **Bridging the Science and Policy Gap - Strategies for Success** ([City Lights 2&3](#))
John Berge, US Senator E. Benjamin Nelson's Office, Scottsbluff, NE
- 9:30 a.m. **Threats from Chemical and Microbiological Sources, Protection Success Stories and Remaining Challenges**
([City Lights 2&3](#))
William Alley, US Geological Survey, San Diego, CA
- 10:00 a.m. **Threats from Shrinking Supplies, Conservation Success Stories and Remaining Challenges** ([City Lights 2&3](#))
Michael Jess, University of Nebraska - Conservation and Survey Division, Lincoln, NE
- 10:30 a.m. **Networking Break and Exhibits** ([City Lights Foyer](#))
- 10:45 a.m. **Myth vs. Reality: An Analysis of Western Water Use**
([City Lights 2&3](#))
Kathleen Stanley, Water Systems Council, Washington D.C.
- 11:15 a.m. **The Value of Aquifer-Based Management and Integrating Local, State, and Federal Groundwater Programs**
([City Lights 2&3](#))
Mike Wireman and Greg Oberley, US EPA Region 8, Denver CO
- 12:15 p.m. **Networking Luncheon** ([City Lights 1](#))

SESSION TWO: WHAT IS PRACTICED

- 1:30 p.m. **Protecting Ground and Surface Water Together: What Does Integrated Management Really Mean?** ([City Lights 2&3](#))
Moderator: Rick Karlin, Awwa Research Foundation, Denver, CO
Patrick Tyrrell, State Engineer's Office, Cheyenne, WY
Michael Jess, University of Nebraska - Conservation and Survey Division, Lincoln, NE
- 2:00 p.m. **Integrated Management: Successful Case Studies**
([City Lights 2&3](#))
Moderator: Jay Beaumont, Eustance & Horowitz P.C., Circleville, NY
Brett Gracely, Colorado Springs Utilities, CO
Mitch Bishop, Southern Nevada Water Authority, Las Vegas, NV
Christine Owen, Tampa Bay Water, Clearwater, FL
- 2:45 p.m. **Groundwater Guardian Green Sites: Current and Future Best Practices** ([City Lights 2&3](#))
Moderator: Bob Swanson, US Geological Survey, Nebraska Water Science Center, Lincoln, NE
Mark Langner, Farmlinks Research Center, Sylacauga, AL
Steve Merkel, Landscapes Unlimited, Lincoln, NE
Marge Cook, Desert Hot Springs Groundwater Guardian Team, CA

- 3:30 p.m. **Networking Break and Exhibits** ([City Lights Foyer](#))
- 4:15 p.m. **Groundwater Guardian and Groundwater Guardian Green Sites Designation Ceremony** ([City Lights 2&3](#))
Everyone welcome.
- 5:30 p.m. **Silent Auction** ([Bergen Park](#))
- 6:30 - 8:00 p.m. **Celebration Banquet** ([City Lights 1](#))

Friday, November 30, 2007

SESSION THREE: BRIDGING THE GAP BETWEEN WHAT IS KNOWN AND WHAT IS PRACTICED

- 8:30 a.m. **Bridging the Gap: Water Rights and Water Law Model Programs** ([City Lights 2&3](#))
Justice Gregory Hobbs, Jr., Colorado Supreme Court, Denver, CO
- 9:00 a.m. **Determining and Communicating the Value of Water: Bridge to the Future** ([City Lights 2&3](#))
Rob Renner, Awwa Research Foundation, Denver, CO
- 9:30 a.m. **Enhanced Groundwater Monitoring: First Step in Bridging the Gap** ([City Lights 2&3](#))
Christine Reimer, National Ground Water Association, Westerville, OH
- 10:00 a.m. **Groundwater Management on the National Forests and Grasslands** ([City Lights 2&3](#))
Chris Carlson, USDA Forest Service, Washington, DC
- 10:30 a.m. **Networking Break and Exhibits** ([City Lights Foyer](#))
- 10:45 a.m. **Groundwater Protection on Federal Lands: Current Science and Future Directions** ([City Lights 2&3](#))
Moderator: Pat Mangan, US Bureau of Reclamation, Denver, CO *Chris Carlson, USDA Forest Service, Washington, DC*
Michael Higgins, US Fish and Wildlife Service, Annapolis, MD
Craig Goodwin, Bureau of Land Management, Denver, CO
Gary Rosenlieb, National Park Service, Fort Collins, CO
- 11:30 a.m. **Sustainable Infrastructure and Asset Management: Maximizing Local Resources** ([City Lights 2&3](#))
Moderator: Frank Blaha, AwwaRF, Denver, CO
Mary Price, Denver Water, Denver, CO
Elaine Lai, US EPA Region 8, Denver CO
Catherine Chertudi, City of Boise Public Works, Boise, ID
- 12:15 p.m. **What Are Tribes, States and Communities Doing to Bridge the Gap?** ([City Lights 2&3](#))
Moderator: Tim McLelland, Hamilton to New Baltimore Groundwater Consortium, Fairfield, OH
Gary Collins, Mni Sose Intertribal Water Rights Coalition, Rapid City, SD
Art Goodtimes, County Commissioner, San Miguel County, Telluride, CO
Kevin Frederick, Wyoming Department of Environmental Quality, Cheyenne, WY
- 1:00 p.m. **Luncheon: The Role of Water Education in Bridging the Gap** ([City Lights 1](#))
Jeannine Tompkins, Colorado Foundation for Water Education, Denver, CO
- 2:15 p.m. **Water Tour** ([Meet at Registration Desk in City Lights Foyer](#))
Bureau of Reclamation Hydraulics Laboratory and
USGS National Ice Core Laboratory
- 5:00 p.m. **Adjourn**

2007 GROUNDWATER FOUNDATION AWARDS



Dr. William M. Alley

E. Benjamin Nelson Government Service Award

Dr. William M. Alley - US Geological Survey,
San Diego, CA

Dr. Alley serves as Chief of the USGS Office of Ground Water. He oversees the USGS Ground Water Resources and Water Use Programs as well as USGS support of the Yucca Mountain project.

Dr. Alley recognizes the benefits of public involvement in management of the nation's water resources and as such has authored and co-authored a series of USGS Circulars. One of the most influential Circulars he co-authored is "Ground Water and Surface Water—A Single Resource." He has also served as the groundwater coordinator for the pilot National Water Quality Assessment (NAWQA) Program; and coordinated the Regional Aquifer System Analysis (RASA) Program.



Jim Cook

Maurice Kremer Groundwater Achievement Award

Jim Cook, Lincoln, NE

Jim Cook was instrumental in writing Nebraska's water laws and drafting important groundwater legislation over the past 25 years. Jim also played a key role in the development and implementation of the Platte River Cooperative Agreement.

Jim served as chief legal counsel for the Department of Natural Resources until late 2003. He helped guide the formation and evolution of Nebraska's innovative natural resources districts and authored much of Nebraska's groundwater legislation. He also served as a member of the Nebraska team that negotiated a settlement of the dispute with Kansas and Colorado over the Republican River Compact.



The Groundwater Foundation Champion Award

Water Systems Council, Washington, DC

As the initial recipient of this award, the Water Systems Council (WSC), a Groundwater Guardian (GG) National Partner for eight years, has provided generous annual support for GG which has proved crucial to its continuation as a major Groundwater Foundation program. In addition, the WSC has partnered with the Groundwater Foundation in helping to develop and implement youth water festivals and wellcare workshops throughout the U.S.

WSC services also include providing wellcare materials and other private well information to Foundation members, Groundwater Guardian community teams, and others at no charge. The partnership with the WSC has significantly expanded the reach and impact of The Groundwater Foundation mission on a national level.



About The Groundwater Foundation National Awards Program

The Groundwater Foundation National Award winners are selected by a committee consisting of Foundation Directors, Technical Advisors, and/or previous award recipients. Now accepting nominations for 2008, please visit www.groundwater.org for details.



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- The Groundwater Foundation, Lincoln, NE

2007 Conference Co-Sponsors

- Awwa Research Foundation, Denver, CO
- Water Systems Council, Washington, DC
- US EPA Region 8, Denver CO

2007 Conference Partners

- US Geological Survey, Colorado Water Science Center, Lakewood, CO
- US Geological Survey Nebraska Water Science Center, Lincoln, NE
- US Geological Survey, Reston, VA
- W. K. Kellogg Foundation, Battle Creek, MI

Conference Exhibitors

The Groundwater Foundation, Lincoln, NE
Awwa Research Foundation, Denver, CO
Olsson Associates, Lincoln, NE
US EPA Region 8, Denver, CO
US Geological Survey, Denver, CO

Silent Auction Donors

Jay Beaumont, Eustance and Horowitz, P.C., Circleville, NY
Mitch Bishop, Southern Nevada Water Authority, Las Vegas, NV
Michelle Bucklin, Cargill Corn Milling North America, Blair, NE
Catherine Chertudi, Boise Public Works, Boise, ID
Marge Cook, Desert Hot Springs Groundwater Guardian Team, CA
Rob Herpel, Barnes & Noble Booksellers, Lincoln, NE
Cindy Kreifels, The Groundwater Foundation, Lincoln, NE
Marcia Lee, Central Platte Natural Resources District, Grand Island, NE
Cathy Lotzer, Marshfield Area Groundwater Guardian Team, WI
Ginger McLelland, Director and Trainer, Pampered Chef, Fairfield, OH
Kristi Mallow, Coors Brewing Company, Golden, CO
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Andy Willhoit, StormWater Outreach, Chico, CA

2007 Conference Executive Committee

Jerry Biberstine, Rural Water Association, Denver, CO • Catherine Chertudi, City of Boise, Boise, ID • Rick Karlin, Awwa Research Foundation, Denver, CO • Kristi Mallow, Coors Brewing Company, Golden, CO • Pat Mangan, Bureau of Reclamation, Denver, CO • Greg Oberley, US EPA Region 8, Denver, CO • Steve Vandas, US Geological Survey, Denver, CO • Mike Wireman, US EPA Region 8, Denver, CO

