

Association of Ground Water Agencies - American Ground Water Trust

# AGWA - AGWT Annual Conference

“Everything aquifers and groundwater management”

Wednesday, February 17 and Thursday, February 18, 2016

Radisson Hotel Ontario Airport, 2200 East Holt Boulevard, Ontario, California 91761

In cooperation with Groundwater Resources Association and the California Groundwater Coalition



## Background

The first AGWA/AGWT joint conference was held in Ontario, CA in 2000. Since then, this annual event has provided an important information exchange and networking opportunity for California's water agencies, utilities and water districts, and for all water professionals (scientific, engineering, managerial, legal, environmental, regulatory), end-users of water, and local and state elected officials involved with water policy issues. The focus of every program has been on current groundwater management issues in California.

## Event Sponsors



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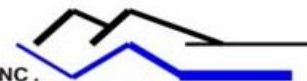
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This activity has been approved for **MCLE credit by the State Bar of California** in the amount of **11 General credits**. Best Best & Krieger LLP certifies that this activity conforms to the standards of approved educational activities prescribed by the rules and regulations of the State Bar of California governing MCLE.

## Water Operator Licenses - 11 Contact Hours Approved

Wednesday February 17th

**8:30 – 9:30 REGISTRATION (Coffee, pastries and view exhibits)**

9:30 – 9:45 WELCOME, OPENING REMARKS FROM AGWA AND AGWT  
Anthony Zampielo, Chairman, Association of Ground Water Agencies  
Andrew Stone, Executive Director, American Ground Water Trust

9:45 – 10:15 **Keynote 1**  
Rich Atwater, Executive Director, Southern California Water Committee, Los Angeles, CA  
ROLE OF GROUNDWATER IN THE METROPOLITAN WATER DISTRICT INTEGRATED RESOURCES PLAN (IRP)

10:15 – 10:45 **Keynote 2**  
Debra Man, Assistant General Manager and Chief Operating Officer for the Metropolitan Water District, Los Angeles, CA  
CARSON DEMONSTRATION PROJECT AND THE FUTURE OF WATER RECYCLING PROGRAMS IN LOS ANGELES COUNTY

**10:45 - 11:00 BREAK**

11:00 – 12:30 Session 1 - **WHAT'S HAPPENING POLITICALLY IN GROUNDWATER?**  
Moderator - Ken Manning, Executive Director, San Gabriel Basin Water Quality Authority, West Covina, CA

Jackson R. Gualco, President, The Gualco Group, Inc., Sacramento, CA  
STATE GROUNDWATER ISSUES

Hal Furman, Managing Director, The Furman Group, La Jolla, CA  
FEDERAL GROUNDWATER ISSUES

**12:30 – 1:45 LUNCH**

1:45 – 3:15 Session 2 - **SGMA COMPLIANCE: "FULL SPEED AHEAD...SORT OF" – LESSONS FROM VENTURA COUNTY**  
Moderator - Tony Morgan, Deputy General Manager, United Water Conservation District, Santa Paula, CA

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OVERVIEW OF CURRENT GROUNDWATER MANAGEMENT EFFORTS IN VENTURA COUNTY

Bryan Bondy, Groundwater Manager, Calleguas Municipal Water District, Thousand Oaks, CA  
LAS POSAS BASIN GROUNDWATER MANAGEMENT

Gordon Kimball, Managing Partner, Kimball Ranches, Santa Paula, CA  
ORGANIZING AGRICULTURAL PUMPERS TO PARTICIPATE IN THE SGMA PROCESS

Matthew Fienup, Economist, California Lutheran University, Center for Economic Research & Forecasting, Thousand Oaks, CA  
GROUNDWATER MARKETS

**3:15 – 3:30 BREAK**

3:30 – 5:00 Session 3 - **WATER REUSE – A GROWING FEATURE OF CALIFORNIA’S SUPPLY SOLUTIONS**  
Moderator - Jeff Barry, Principal Hydrogeologist, GSI Water Solutions, Santa Barbara, CA

Ted Johnson, Groundwater Manager, Water Replenishment District of Southern California, Lakewood, CA  
GROUNDWATER REPLENISHMENT USING RECYCLED WATER

Sally McCraven, Principal Hydrogeologist, Todd Groundwater, Alameda, CA  
GROUNDWATER MODELING FOR OPTIMAL RECYCLED WATER INJECTION WELL DESIGN

Scott Fendorf, Professor, Earth System Science, Stanford University, Stanford, CA  
THREATS TO GROUNDWATER QUALITY DURING MANAGED AQUIFER RECHARGE

5:00 – 6:30 RECEPTION - CASH-BAR (Hors D'Oeuvres sponsor – Raymond Basin Management Board)



7:30 – 8:30 REGISTRATION (Coffee, pastries and view exhibits)

8:30 – 10:15 Session 4 - **STATE-OF-THE-SCIENCE TECHNIQUES FOR QUANTIFYING RECHARGE PROCESSES**  
Moderator - David Jordan, Vice President, INTERA, Albuquerque, NM

Jan M. H. Hendrickx, Professor of Hydrology, Department of Earth & Environmental Science, New Mexico Tech, Socorro, NM  
URBAN RECHARGE IN THE ANTELOPE VALLEY

Alan Flint, Research Hydrologist, USGS Pacific Region, Sacramento, CA  
CHALLENGES OF ESTIMATING RECHARGE AT A REGIONAL SCALE, EXAMPLES FROM CALIFORNIA, THE GREAT BASIN, AND THE UPPER AND LOWER COLORADO

Derrick Williams, President, HydroMetrics, Oakland, CA  
QUANTIFYING AND QUALIFYING FLOW BETWEEN AQUIFERS AND EPHEMERAL STREAMS USING MULTIPLE TECHNIQUES

Van Kelley, Principal Hydrogeologist, INTERA, Austin, TX  
MODELS, WATER BUDGETS AND WATER PLANNING

10:15 10:30 BREAK

10:30 – 12:30 Session 5 - **WATER QUALITY ISSUES IN SOUTHERN CALIFORNIA**  
Moderator - Anthony Brown, CEO, and Principal Hydrologist, Aquilogic, Costa Mesa, CA

Andy Campbell, Deputy Manager of Planning, Water Resources, Inland Empire Utilities Agency, Chino, CA  
MANAGING GROUNDWATER QUALITY IN THE CHINO BASIN

Wayne Praskins, Remedial Project Manager, US Environmental Protection Agency, San Francisco, CA  
UPDATE ON CLEAN-UP AT SUPERFUND SITES IN SOUTHERN CALIFORNIA

John Izbicki, Research Hydrologist, USGS Pacific Region, San Diego, CA  
GROUNDWATER CONTAMINANTS OF CONCERN IN SOUTHERN CALIFORNIA

William Rowe, Project Manager, California Dep't Toxic Substances Control - Stringfellow Geology Unit, Sacramento, CA, and,  
Jim Finegan, Principal Hydrogeologist, Kleinfelder, Riverside, CA  
GEOLOGY, HYDROGEOLOGY, AND GROUNDWATER MODELING, STRINGFELLOW SUPERFUND SITE, RIVERSIDE COUNTY

12:30 – 1:30 LUNCH

1:30 – 3:00 Session 6 – **TECHNICAL INNOVATIONS**  
Moderator – Andrew Stone, Executive Director, American Ground Water Trust, Concord, NH

Kent Madison, President, 3RValve LLC, Echo, OR  
GENERATING GREEN ELECTRICAL POWER DURING THE RECHARGE PHASE OF ASR

Vic Kelson, Chief Modeler, Layne Christensen, Bloomington, IN  
USING SCAVENGER WELLS FOR IN-SITU SEPARATION OF STRATIFIED GROUNDWATER CONTAMINANTS

Reymundo Trejo, Assistant General Manager, Upper San Gabriel Valley Municipal Water District, Monrovia, CA  
SOIL AQUIFER TREATMENT RESEARCH RESULTS: AN EFFECTIVE TREATMENT ALTERNATIVE FOR AN INDIRECT REUSE  
GROUNDWATER RECHARGE PROJECT IN THE SAN GABRIEL VALLEY

3:00 **Closing Keynote**

Scott Slater, CEO and President, Cadiz Inc, Los Angeles, CA  
CADIZ WATER PROJECT UPDATE

3:30 WRAP-UP AND ADJOURN

Anthony Zampello, Chairman, Association of Ground Water Agencies  
Andrew Stone, Executive Director, American Ground Water Trust