

(ANNUAL CONFERENCE) **AQUIFER RECHARGE** (28 EXPERT PRESENTERS)

Monday, Jan 30 and Tuesday, Jan 31, 2012

Hilton Hotel Ontario Airport, Ontario, California

WATER RESOURCES ISSUES

↓ Scroll down for program details, field-trip opportunity and registration details ↓

↓ Sponsorship opportunities ↓

↓ Hotel information ↓



American Ground Water Trust
Association of Ground Water Agencies

in cooperation with:

Groundwater Resources Association of California

California Groundwater Coalition

IAH Commission – Groundwater for Decision-Makers

Southern California Water Utilities Association



CONTINUING EDUCATION

ATTORNEYS: 12.75 General MCLE Credits approved by the State Bar of California

ALL ATTENDEES who complete a sign-in and sign-out form will receive a certificate of attendance

Contact hours (as attended) for day one (6.25), day 2 (6.5) and the field trip (2.5).

PRESENTATIONS AND PRESENTERS – Monday, January 30

9:00 – 10:00

REGISTRATION, SIGN-IN AND EXHIBITOR SET-UP

10:00 – 10:30

WELCOME, OPENING REMARKS

- ◆ Tony Zampello, Chairman, Association of Ground Water Agencies
- ◆ Tim Parker, Chairman, American Ground Water Trust

Special Guest: California Assembly Member Jared William Huffman – 6th District (invited)

Session 1 - STATUS OF AQUIFER RECHARGE PROJECTS IN THE US

Moderator Andrew Stone, American Ground Water Trust

10:30 – 11:00

OPENING KEYNOTE PRESENTATION

OVERVIEW OF AQUIFER RECHARGE – PAST, PRESENT & FUTURE

- ◆ David Pyne, President, ASR Systems, Gainesville, FL

11:00 – 11:30

RECHARGE PROJECTS IN THE NORTHWEST

- ◆ Jeff Barry, Business Development Director, GSI Water Solutions, Portland, OR

11:30 – 12:00

STATUS OF RECHARGE PROJECTS EAST OF THE MISSISSIPPI

- ◆ John Jansen, Senior Managing Hydrogeologist, Cardno Entrix, Fort Myers, FL

12:00 – 12:30

AQUIFER RECHARGE IN ARIZONA

- ◆ Rita Maguire, Attorney, Maguire & Pearce, PLLC, Phoenix, AZ

12:30 – 1:45

LUNCH AND KEYNOTE PRESENTATION

ROLE OF AQUIFER RECHARGE IN THE FLORIDA EVERGLADES RESTORATION PROJECT

- ◆ June Mirecki, Senior Hydrogeologist, Geotechnical Branch, US Army Corps of Engineers, Jacksonville, FL

Session 2 - CASE STUDIES OF AQUIFER RECHARGE PROJECTS

Moderator Carol Williams, Main San Gabriel Watermaster

1:45 – 2:15

HYDROLOGY & POLITICS OF THE SNAKE RIVER RECHARGE PROJECT, IDAHO

- ◆ Clive Strong, Attorney, Natural Resources Division, Office of Idaho Attorney General, Boise, ID
- 2:15 – 2:45 **AQUIFER RECHARGE IN EL PASO, TEXAS**
- ◆ Bill Hutchison, Director, Groundwater Resources Division, LBG-Guyton Associates, Austin, TX
- 2:45 – 3:15 **HYDRAULIC FRACTURING OF DENVER BASIN RECHARGE WELLS**
- ◆ Courtney Hemenway, President, Hemenway Groundwater Engineering, Parker, CO
- 3:15 – 3:30 **BREAK**

Session 3 - RECHARGING CALIFORNIA: LATEST ON STATUS, NEEDS AND POLICY ISSUES

Panel Moderator Tim Parker, Parker Groundwater

3:30 – 5:30

ENVIRONMENTAL PERSPECTIVES ON RECHARGE AND STORAGE

- ◆ Barry Nelson, Senior Policy Analyst, Natural Resources Defense Council, San Francisco, CA (invited)

PROGRESS ON INVENTORY OF STATEWIDE GROUNDWATER RECHARGE PROJECTS

- ◆ Danielle Blacet, Senior Regulatory Advocate, Association of California Water Agencies, Sacramento, CA

PLAN FOR STATEWIDE CONJUNCTIVE USE AND INCREASED RECHARGE IN CALIFORNIA

- ◆ Greg Thomas, President, Natural Heritage Institute, San Francisco, CA

PROGRESS ON PREPARATION OF A STATEWIDE ASR POLICY

- ◆ Robert Busby, Supervising Engineering Geologist, Central Valley Regional Water Quality Control Board, Rancho Cordova, CA
- WATER RIGHTS AND WASTE DISCHARGE PERMITS**
- ◆ David Aladjem, Partner, Downey Brand, Sacramento, CA

5:30 – 7:00

RECEPTION - CASH-BAR

NETWORKING - TALK WITH THE PRESENTERS - MEET THE EXHIBITORS

Reception hors d'oeuvres sponsor: BHFS

Brownstein | Hyatt
Farber | Schreck



PRESENTATIONS AND PRESENTERS – Tuesday, January 31

Session 4 - RECHARGE APPROACHES AND TECHNOLOGIES

Moderator Tony Zampielo, Main San Gabriel Basin Watermaster

- 8:00 – 8:30 **ESTABLISHING REALISTIC EXPECTATIONS FOR LONG TERM ASR PERFORMANCE**
- ◆ Dan Wendell, Principal Hydrogeologist, Daniel B. Stephens & Associates, Albuquerque, NM
- 8:30 -9:00 **GROUNDWATER BANKING, STORMWATER CAPTURE & RECHARGE IN SONOMA COUNTY – FOUNDATIONAL STUDIES**
- ◆ Marcus Trotta, Hydrogeologist, Sonoma County Water Agency, Santa Rosa, CA
- 9:00 – 9:30 **TECHNOLOGIES THAT HAVE BEEN PROPOSED AND IMPLEMENTED TO OVERCOME AQUIFER RECHARGE REGULATORY ISSUES IN FLORIDA**
- ◆ Don Ellison, ASR Projects Coordinator, Southwest Florida Water Management District, Brooksville, FL
- 9:30 -10:00 **MANAGED AQUIFER RECHARGE AND SALT MANAGEMENT CHALLENGES – The “maximum benefit” program and OBMP implementation in the Chino Basin**
- ◆ Mark Wildermuth, President, Wildermuth Environmental Inc. Lake Forest, CA
- 10:00 – 10:30 **BREAK**

Session 5 - CALIFORNIA RECHARGE PROJECTS

Moderator Ken Manning, San Gabriel Basin Water Quality Authority

- 10:30 – 11:00 **CRITICAL ROLE OF AQUIFER RECHARGE FOR ORANGE COUNTY**
- ◆ Adam Hutchinson, Director of Recharge Operations, Orange County Water District, Fountain Valley, CA
- 11:00 – 11:30 **IMPLEMENTATION OF THE SWITCH TO 100% RECYCLED WATER FOR SEAWATER INTRUSION BARRIER RECHARGE**
- ◆ Ted Johnson, Chief Hydrogeologist, Water Replenishment District of Southern California, Lakewood CA
- 11:30 – 12:00 **TRIALS AND TRIBULATIONS OF PERMITTING AN ASR PROJECT IN THE CENTRAL VALLEY RWQCB REGION**
- ◆ Derrick Whitehead, Director of Environmental Utilities, City of Roseville, CA
- 12:00 – 12:30 **RESOLVING LEGAL AND INSTITUTIONAL IMPEDIMENTS TO CONJUNCTIVE USE AND ENHANCED RECHARGE IN CALIFORNIA**
- ◆ Russell McGlothlin, Shareholder, Brownstein Hyatt Farber Schreck, Santa Barbara, CA

12:30 – 1:45

LUNCH AND KEYNOTE PRESENTATION

**GROUNDWATER MANAGEMENT AND INCREASED AQUIFER RECHARGE
IN THE DELTA PLAN POLICY RECOMMENDATIONS**

◆ Martha Davis, Senior Policy Advisor, Delta Stewardship Council, Sacramento, CA

Session 6 CALIFORNIA RECHARGE PROJECTS

Moderator Ted Johnson, Water Replenishment District of Southern California

- 1:45-2:15 **UPDATE ON THE CADIZ VALLEY WATER CONSERVATION, STORAGE AND RECOVERY PROJECT**
◆ Terry Foreman, Vice-President, CH2M Hill, Thousand Oaks, CA and Dennis Williams, President, Geoscience Support Services, Claremont, CA
- 2:15 – 2:45 **METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA PERSPECTIVE ON MANAGED AQUIFER RECHARGE CHALLENGES AND SUCCESSES**
◆ Kathy Kunysz, Program Manager, Metropolitan Water District of Southern California, Los Angeles, CA
- 2:45 – 3:15 **STATE AND FEDERAL RESERVOIR SYSTEM REOPERATION PROGRAM – INCREASING GROUNDWATER STORAGE OPPORTUNITIES**
◆ Sean Sou, Program Manager, California Department of Water Resources, Sacramento, CA
- 3:15 – 3:45 **CALIFORNIA AGRICULTURE – SCALING UP GROUNDWATER RECHARGE SUCCESS**
◆ Juliet Christian Smith, Senior Research Associate, Pacific Institute, Oakland, CA
- 3:45 **CONFERENCE SUMMARY AND CLOSING REMARKS**
◆ Amy Steinfeld, Attorney, Brownstein Hyatt Farber Schreck, Santa Barbara, CA

Wednesday February 1st (9:00am to 12:00 noon)

FIELD TRIP OPPORTUNITY TO LONG BEACH SALTWATER BARRIER RECHARGE SITE

Field trip participants will meet at: **Water Replenishment District of Southern California**
The street address is: **4040 Paramount Blvd, Lakewood, CA 90712**

(Easy access from the 710, 405 or 605. Detailed directions will be sent to those who register for the field trip)

Field trip leader: ◆ Ted Johnson, Chief Hydrogeologist Water Replenishment District of Southern California

9:00 – 9:30 Coffee & donuts at WRD HQ in Lakewood, CA

9:30 – 10:15 Presentation giving an overview of groundwater management in the Central and West Coast Basins including managed aquifer recharge, recycled water reuse, seawater barrier injection, and the struggles of developing a storage plan in the basins.

10:15 – 12 noon Visits to the Vander Lans Water Treatment Facility in Long Beach where recycled water has received advanced treatment with microfiltration, reverse osmosis and ultraviolet light since 2005 prior to injection into the Alamitos seawater barrier, and a visit to one of the sea-water intrusion barrier wells receiving this treated water.

↓ **Hotel information** ↓
↓ **Exhibit & Sponsorship Opportunities** ↓
↓ **Registration form** ↓

HOTEL INFORMATION

Hilton Hotel Ontario Airport, 700 North Haven Avenue, Ontario, CA 91764

For conference attendees:

Free self-parking. Free wireless internet in guestrooms. Complimentary 24 hours shuttle service to and from Ontario airport
Hotel sleeping room rate of \$84 per night (rate good two days before and after the event)

For reservations call 1(800) 445-8667 - tell the reservations clerk you are attending the “water conference.” [Code AGW]
Block rate is available up to Monday, January 16, 2012 Reservations requested after this date will be accepted based upon availability.
*The Hilton Ontario Airport Hotel is one mile north of the Ontario International Airport. It is located just off the 10 Freeway.
Take the Haven Avenue Exit. The hotel is on the southeast corner of Haven Avenue and Inland Empire Blvd. just north of 10 Freeway.*

EXHIBIT AND SPONSORSHIP OPPORTUNITIES

Exhibitors: All exhibitors will be recognized in the conference program and will be offered a complimentary full page advertisement in the conference program (black & white). Exhibit tables are 8 feet long and skirted. Conference registration for exhibitors is required. Exhibits will be in the hotel atrium immediately outside the conference room. The atrium will be used for registration, coffee & breaks, lunch and the Monday evening reception.

Sponsors: We are pleased to receive event sponsorships. All sponsors will be offered a complimentary full page advertisement in the conference program (black & white). Benefits of sponsoring at the \$500 level include: distribution of company/organization literature to registrants, web-site listing as a sponsor, recognition in the conference program and an electronic participant registration list. Sponsors at the \$1,000 level are also entitled to a complimentary exhibit table. Sponsors above the \$1,000 level, will receive a complimentary registration for every \$500 above \$1,000.

For more details, or for customized sponsorship opportunities (such as sponsoring lunch), call the AGWT office (800 423 7748)

↓ **Registration form** ↓

↓ Registration form ↓

REGISTRATION FORM – ONTARIO, CA – AQUIFER RECHARGE - 2012

Registration – 2012 program [Register online: www.agwt.org]	Two Day Jan 30 <u>and</u> Jan 31	One Day Jan 30 <u>or</u> Jan 31
YOU MUST CHECK ONE: <i>Registration includes: handouts, breaks and lunch(s)</i>	<input type="checkbox"/>	<input type="checkbox"/> OR <input type="checkbox"/>
General Registration	<input type="checkbox"/> \$350	<input type="checkbox"/> \$190
AGWT, AGWA, SCWUA and GRA members	<input type="checkbox"/> \$300	<input type="checkbox"/> \$160
Government Employee (County, State, Federal)	<input type="checkbox"/> \$300	<input type="checkbox"/> \$160
Full-Time Student (ID required at Registration)	<input type="checkbox"/> \$150	<input type="checkbox"/> \$ 80
CD (Presentation information from speakers mailed post event.)	<input type="checkbox"/> \$20	
Exhibit Table (You must also register to attend.)	<input type="checkbox"/> \$300	
Field Trip to WRD (Wednesday Feb 1 st Long Beach 9:00 – 12:00 noon)	<input type="checkbox"/> \$30	
Total for all checked boxes	\$	

PAYMENT TOTAL \$ _____ **CHECK** [payable: American Ground Water Trust]

AMEX **VISA/MC** **PO #** _____

Card # _____ Expiration Date _____

Cardholder Name _____

Registrant Name _____

Registrant E-mail _____ Registrant Phone _____

Professional Training _____ Job Title _____
(Engineer, water operator, geologist, finance, attorney etc.)





Company _____

Address _____

City _____ State _____ Zip _____

CANCELLATION POLICY

- Cancellations received in the AGWT office by 5 pm (ET) 5 days prior to the start of the event will receive a full refund less a \$25 processing fee.
- Cancellation 4 to 2 days prior to the start of the event will receive a 50% registration refund.
- Cancellations one day before the start of the event or on the day of the event are considered "No Shows." Refunds will not be made for "No Shows" (Substitutions gladly accepted).
- The AGWT will not cancel a program because of bad weather conditions. Except that, in the event of an event cancellation resulting from, (but not limited to) circumstances such as a state mandatory evacuation or a fire at the program facility, the AGWT will reschedule the event and honor registrations as payment for the new event

 Register online: www.agwt.org	 Mail to: American Ground Water Trust, 50 Pleasant Street, Concord, NH 03301
 Phone: (800) 423-7748 (between 9:00 & 4:30 eastern)	 Return by fax: (603) 228-6557