



# TEXAS GROUNDWATER CONFERENCE

American Ground Water Trust's Annual Texas Groundwater Conference

Our 30<sup>th</sup> Texas groundwater program since 2009



**"Everything aquifers and groundwater management"**

Tuesday, June 6 and Wednesday, June 7, 2023

Norris Conference Center, 2525 W Anderson Lane, Austin, TX 78757

The objective of the Texas Groundwater Conference is to showcase the State's topical and/or controversial ground-water issues and to facilitate information sharing among landowners, groundwater end-users, regulators, management agencies, scientists, engineers, lawyers and citizens who have economic or environmental interests in water resources.

This conference will include over 20 diverse and interesting presentations:

## LEGAL, POLICY, MANAGEMENT, SCIENTIFIC, ENGINEERING AND TECHNICAL ISSUES ABOUT THE STATE'S AQUIFERS

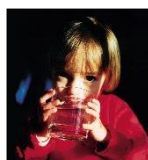
Continuing Education

Applicable for **Texas Professional Geoscientists**  
 Application to be submitted for **TX Water Utility Operators**  
 Application to be submitted for **TX Water Well Drillers/Pump Installers**  
 Application to be submitted for **TX Attorneys**  
 Certificates available for all attendees upon completion of CE Form

### CONFERENCE SPONSORS:



Become a conference sponsor – sponsorship opportunities at [www.agwt.org/events](http://www.agwt.org/events)



7:30 – 8:30	Registration	Tuesday, June 6
8:30 – 8:35	<b>Welcome / Overview of June 6<sup>th</sup> Presentations</b> Sara Chudnoff, PG, Hydrogeologist, American Ground Water Trust, Pinetop, AZ	
8:35 – 9:05	<b>Groundwater Rundown: Texas Water Development Board Updates</b> Natalie Ballew, PG, Groundwater Division Director, Water & Science Division, Texas Water Development Board, Austin, TX	
9:05 – 9:35	<b>The Inextricable Link Between DFCs and Water Planning in Texas</b> Vanessa Puig-Williams, JD, Director, Texas Water Program, Environmental Defense Fund, Austin, TX and Carlos Rubinstein, Principal, RSAH2O, Austin, TX	
9:35 – 10:05	<b>Private Supply Wells – The Untapped Groundwater-Level Monitoring Asset</b> Charles Dunning, PhD, VP Hydrology, WellIntel, Milwaukee, WI	
10:05 – 10:30	Break	
10:30 – 12:00	<b>Panel – Whiskey is for Drinking, Water is for Fighting: How Concerned Citizens in Central Texas are Coming Together to Manage Groundwater, Backed by Data, Education and Outreach</b> Moderator: Dirk Aaron, General Manager, Clearwater Underground Water Conservation District, Belton, TX  Panel: Kristen Fancher, JD, Founder, Fancher Legal, PLLC, Frisco, TX Cole Ruiz, JD, Associate, Lloyd Gosselink, Austin, TX Vince Clause, GISP, Project Manager-Texas Groundwater Lead, LREwater, Round Rock, TX Keith Elliston, President, Aquifer Conservation Alliance, TX	
12:00 – 1:00	Buffet lunch provided	
1:00 – 1:30	<b>Review of the 2023 Legislative Water Priorities</b> Speaker TBD	
1:30 – 2:15	<b>Ethics in Geosciences</b> (Applicable for 1 hr PG CE Ethics credit) Steven Fleming, PG, Member, Texas Board of Professional Geoscientists, Director of Risk and Compliance, Talon LPE, Shavano Park, TX	
2:15 – 2:45	Break	
2:45 – 4:15	<b>Panel – Legal Perspectives on Key Groundwater Issues</b> Moderator: Ed McCarthy, JD, Attorney, McCarthy & McCarthy, Austin, TX Details coming soon	
4:15 – 5:00	<b>Student Ted Talks</b>	
5:00 – 6:00	Reception (Cash bar)	

7:30 – 8:30	Registration	Wednesday, June 7
8:30 – 8:35	<b>Welcome / Summary of June 7<sup>th</sup> Presentations, Overview of June 8<sup>th</sup> Presentations</b> Sara Chudnoff, Hydrogeologist, American Ground Water Trust, Pinetop, AZ	
<b>Innovation for a Secure Water Future</b>		
8:35 – 9:05	<b>Water in the 22<sup>nd</sup> Century: What We Can Learn from Austin's 100-Year Water Plan</b> Robert Mace, PhD, PG, Executive Director and Chief Water Policy Officer, Meadows Center, Texas State University, San Marcos, TX	
9:05 – 9:35	<b>What is Now Proved Was Once Only Imagined – Innovative Water Technologies of Texas</b> Andrea Croskrey, PG, Geologist, Texas Water Development Board, Austin, TX	
9:35 – 10:05	<b>Purified Water for El Paso</b> Scott Reinert, PE, PG, Water Resources Manager, El Paso Water, El Paso, TX	
10:05 – 10:35	<b>SAWS Resiliency Planning – A Brackish Groundwater Project Case Study</b> Kevin Morrison, PG, Project Coordinator, Water Resources Dept., San Antonio Water System, San Antonio, TX	
10:35 – 10:50	Break	
10:50 – 11:20	<b>Water Banks for Water Conservation</b> Jeremy Mazur, JD, Texas 2036 and Todd Votteler, PhD. Collaborative Water Resolution, LLC (invited)	
11:20 - 11:50	<b>Technical and Regulatory Challenges of Beneficial Oil &amp; Gas Produced Water</b> Dan Mueller, PE, Senior Manager, Client Resilient Water Systems, Environmental Defense Fund, Austin, TX	
11:50 - 12:20	<b>How Clean is Clean Enough for the Beneficial Reuse of Produced Water</b> Zachariah Hildebrand, PhD, Research Professor, Department of Chemistry and Biochemistry, UTEP, El Paso, TX	
12:20 – 1:30	Buffet lunch provided	
1:30 – 2:00	<b>A Life-Cycle, Cost Analysis of Your Municipal Supply Well</b> Jeremy Kuhn, Director of North America, Roscoe Moss Company, Los Angeles, CA	
2:00 – 2:30	<b>A New Downhole Diagnostic Approach for Texas Groundwater Exploration and Pilot Holes for Potable Water Supply</b> Noah Heller, PG, CEO-President/Senior Hydrogeologist, BESST, San Rafael, CA	
3:00 – 3:30	<b>Applying Adaptive Well Field Management Tools for Sustainability and Resilience for a Utilities Water Supply</b> Dylan Hart, PE, Hydrogeological Engineer, Black and Veatch, Austin, TX	
3:30 – 4:00	<b>Revitalizing a Key Water Source</b> Daniel Albus, PE, Principle/Team Lead, Parkhill, Lubbock, TX and Kevin Krueger, PE, Senior Project Manager, Parkhill, Midland, TX	
4:00	Conference Adjourn, Complete Continuing Ed Form, Raffle Prizes (must be present to win)	

# Registration Form

## 2023 Texas Groundwater Conference – Austin, TX June 6 & 7, 2023

- |   |                                   |
|---|-----------------------------------|
| 2 Day Registration (General)                                  | <input type="checkbox"/> \$450.00 |
| 2 Day AGWT Member employee                                    | <input type="checkbox"/> \$425.00 |
| 2 Day Full-Time Students (ID Required at check-in)            | <input type="checkbox"/> \$100.00 |
|   |                                   |
| 1 Day Registration (June 6)                                   | <input type="checkbox"/> \$245.00 |
| 1 Day AGWT Member employee (June 6)                           | <input type="checkbox"/> \$220.00 |
| 1 Day Full-Time Students (ID Required) (June 6)               | <input type="checkbox"/> \$ 50.00 |
|   |                                   |
| 1 Day Registration (June 7)                                   | <input type="checkbox"/> \$245.00 |
| 1 Day AGWT Member employee (June 7)                           | <input type="checkbox"/> \$220.00 |
| 1 Day Full-Time Students (ID Required) (June 7)               | <input type="checkbox"/> \$ 50.00 |
|   |                                   |
| Download of Presentations in PDF ( <i>emailed post conf</i> ) | <input type="checkbox"/> \$ 30.00 |

**Speaker Registration ONLY:**

- |                                |                                   |
|--------------------------------|-----------------------------------|
| Speaker – June 6               | <input type="checkbox"/> \$ 0.00  |
| Speaker – June 7               | <input type="checkbox"/> \$ 0.00  |
| Attend – Not speaking – June 6 | <input type="checkbox"/> \$100.00 |
| Attend – Not speaking – June 7 | <input type="checkbox"/> \$100.00 |

**Total** \$ \_\_\_\_\_

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[agwt.org/events](http://agwt.org/events)

**MAIL TO:**  
 American Ground Water Trust  
 50 Pleasant Street, Suite 2  
 Concord, NH 03301-4073

**FAX:** (603) 228-6557

**TEL:** (603) 228-5444

**? QUESTIONS:**  
 (800) 423-7748  
 9:00-4:00pm (Eastern Time)