



# TEXAS AQUIFER CONFERENCE

American Ground Water Trust Annual Texas Groundwater Conference

**“Everything aquifers and groundwater management”**



Omni Austin Hotel Southpark, 4140 Governor's Row, Austin, TX 78744

Wednesday June 12 and Thursday June 13, 2019

24+ diverse and interesting presentations:

**LEGAL, POLICY, MANAGEMENT, SCIENTIFIC, ENGINEERING AND TECHNICAL ISSUES**

**TOPICS WILL INCLUDE:**

**COAL ASH (COAL COMBUSTION RESIDUALS) AND GROUNDWATER IN TEXAS**

**THE IMPORTANCE OF GROUNDWATER FOR TEXAS ECOLOGY**

**GROUNDWATER PRIORITIES FOR THE TEXAS WATER DEVELOPMENT BOARD**

**UPDATE ON LEGAL AND LEGISLATIVE ISSUES FOR TEXAS GROUNDWATER MANAGEMENT**

**HOW SERIOUS IS CONTAMINATION RELATED TO PFAS AND RELATED COMPOUNDS?**

**THE STATUS OF TRAINING FOR THE NEXT GENERATION OF TX GROUNDWATER PROFESSIONALS**

**WHERE WILL THE WATER COME FROM TO RECHARGE THE STATE'S AQUIFERS?**

**THE ROLE OF GROUNDWATER IN SUSTAINING STREAMFLOW DESIRED CONDITIONS**



**Continuing Education**

The AGWT will issue Certificates of Attendance:

Application will be made for



TX Board of Professional Geoscientists, State Bar of TX, Water Well Drillers & Pump Installers, Water Operators

The objective of American Ground Water Trust conference programs is to showcase topical and/or controversial groundwater 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.

**Program for Wednesday June 12 (8:30 – 5:15)** (presentation times and session details will be posted soon)

**GROUNDWATER PRIORITIES FOR THE TEXAS WATER DEVELOPMENT BOARD**

John T. Dupnik, PG, Deputy Executive Administrator, Texas Water Development Board, Austin, TX

**TEXAS AQUIFER STORAGE & RECOVERY - RULES AND REGULATIONS FOR ASR WELLS**

Lorrie Council, PG, Manager, UIC Permits Section, Texas Commission on Environmental Quality, Austin, TX

**HOW THE ABANDONED WELL PROGRAM PROTECTS AQUIFER WATER QUALITY**

Roland Ruiz, General Manager, Edwards Aquifer Authority, San Antonio, TX

**HOW RUSK COUNTY GROUNDWATER CONSERVATION DISTRICT PREVENTS COMINGLING OF GROUNDWATER BY ENFORCING TEXAS DEPARTMENT OF LICENSING AND REGULATION RULES**

Amanda Maloukis, General Manager, Rusk County Groundwater Conservation District, Henderson, TX

**REMEDIATION TO RESEARCH: TRAINING FUTURE HYDROGEOLOGISTS**

Wayne Hamilton, PE, PG, Research Faculty, and Joe C. Yelderman Jr., PhD, PG, Hydrogeology Professor, Department of Geology, Baylor University, Waco, TX

**WATER SECURITY FOR TEXAS: A POST-SECONDARY EDUCATION PATHWAY FOR WATER WORKFORCE READINESS**

Rudolph Rosen, PhD. Director, Institute for Water Resources Science and Technology, Texas A&M University, San Antonio, TX

BACKGROUND AND OPERATION OF 4-H<sub>2</sub>O, THE TEXAS 4-H WATER AMBASSADORS PROGRAM  
David W. Smith, 4-H<sub>2</sub>O Program Coordinator, Texas A&M AgriLife Extension Service, College Station, TX

GROUNDWATER FOR WHOOPING CRANES ON THE TEXAS GULF COAST  
James Dodson, Water and Coastal Resources Consultant, Victoria, TX

GROUNDWATER SALAMANDERS OF WEST-CENTRAL TEXAS: BELLWETHERS OF AQUIFER HEALTH AND INTEGRITY  
Tom Devitt, Ph.D., Research Associate, Dept. of Integrative Biology and the Biodiversity Center, University of Texas at Austin

USGS RESEARCH AT THE GROUNDWATER-ECOLOGY INTERFACE  
Christopher Braun, USGS Texas Water Science Center, Austin, TX

PFAS: WIDE-RANGING SOURCES AND IMPACTS TO TEXAS WATER SUPPLIES  
Gregory Schnaar, PhD, Principal Environmental Scientist, Daniel B. Stephens & Associates, Washington, DC

THE ROLE OF THE OIL AND GAS DIVISION OF THE TEXAS RAILROAD COMMISSION IN THE PROTECTION AND MANAGEMENT OF GROUNDWATER  
James G. Harcourt, PG, Groundwater Advisory Unit Manager, Oil and Gas Division, Railroad Commission of Texas, Austin, TX

**RECEPTION** (Cash bar) (5:15 – 6:30)

**Program for Thursday June 13 (8:30 – 4:30)** (presentation times and session details will be posted soon)

GROUNDWATER CONTAMINATION FROM CCR IN TEXAS AND ACROSS THE U.S.  
Abel Russ, JD, Senior Attorney, Environmental Integrity Project, Washington DC

OVERVIEW OF CURRENT GROUNDWATER REMEDIATION OPTIONS FOR CCR UNITS  
Herwig Goldenmund, PhD, Senior Scientist, Geosyntec, Kennesaw, GA

LEGAL ISSUES - CCR PROBLEMS - CLASS ACTION, TOXIC TORT AND REGULATORY LITIGATION:  
J. Michael Showalter, JD, Attorney, Partner, Schiff Hardin, Chicago, IL

Keynote presentation - PRIORITIES AND CHALLENGES FOR WATER IN TEXAS  
Senator Charles Perry: District 28, Lubbock, TX (invited)

SESSION 6 UPDATE ON SELECTED CASES AND COURT DECISIONS IMPACTING GROUNDWATER MANAGEMENT IN TEXAS  
Edmond McCarthy Jr., Attorney, McCarthy & McCarthy, Austin, TX (+ other attorneys)

GROUNDWATER AND SURFACE WATER INTERACTION  
Carlos Rubinstein, Principal, RSAH<sub>2</sub>O, LLC (former Chairman of the TWDB and Commissioner of the TCEQ), Austin, TX

TEXAS AQUIFERS: GROUNDWATER INTERACTION WITH SURFACE WATER  
Larry French, PG, Director, Groundwater Division, Texas Water Development Board, Austin, TX

SURFACE WATER-GROUNDWATER INTERACTION ISSUES IN TEXAS  
Robert Mace, PhD, PG, Chief Water Policy Officer, Meadows Center, Texas State University, San Marcos, TX

GROUNDWATER-SURFACE WATER MODELING TO GUIDE WELL-FIELD OPERATIONS: MANAGING PRODUCTION DURING DROUGHT  
Jack Wittman, PhD, Principal Geoscientist, INTERA, Inc., Bloomington, IN

**See below for registration information**

## REGISTRATION FORM

### AMERICAN GROUND WATER TRUST ANNUAL TEXAS GROUNDWATER CONFERENCE

Omni Austin Hotel Southpark, 4140 Governor's Row, Austin, TX 78744

Wednesday June 12 and Thursday June 13, 2019

- |  |                                   |
|--|-----------------------------------|
| 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 |
| <br>   |                                   |
| 1 Day Registration (June 12)                           | <input type="checkbox"/> \$245.00 |
| 1 Day AGWT Member employee (June 12)                   | <input type="checkbox"/> \$220.00 |
| 1 Day Full-Time Students (ID Required) (June 12)       | <input type="checkbox"/> \$ 50.00 |
| <br>   |                                   |
| 1 Day Registration (June 13)                           | <input type="checkbox"/> \$245.00 |
| 1 Day AGWT Member employee (June 13)                   | <input type="checkbox"/> \$220.00 |
| 1 Day Full-Time Students (ID Required) (June 13)       | <input type="checkbox"/> \$ 50.00 |
| <br>   |                                   |
| Download of Presentations in PDF ( <i>post event</i> ) | <input type="checkbox"/> \$ 30.00 |

**Speaker Registration ONLY:**

- |                              |                                   |
|------------------------------|-----------------------------------|
| Speaker – June 12            | <input type="checkbox"/> \$ 0.00  |
| Speaker – June 13            | <input type="checkbox"/> \$ 0.00  |
| Attend – Not speak – June 12 | <input type="checkbox"/> \$100.00 |
| Attend – Not speak – June 13 | <input type="checkbox"/> \$100.00 |

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

**Payment:**

- Check     *[Make checks payable to: AGWT]*
- AMEX      Visa      MasterCard      Discover

Name on Card \_\_\_\_\_

Card No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Cardholder Email \_\_\_\_\_

Company Name \_\_\_\_\_

Attendee Name \_\_\_\_\_

Attendee Email \_\_\_\_\_

Position/Job Title \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

**REGISTER ONLINE:**  
[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)