

# NEW MEXICO GROUNDWATER CONFERENCE

An annual American Ground Water Trust program  
 With assistance from the New Mexico Bureau of Geology and Mineral Resources

July 22-23, 2019 – at the State Bar of NM, 5121 Masthead NE, Albuquerque, NM 87199



Registration is open (on-line [www.agwt.org/events](http://www.agwt.org/events))

↓ Registration form below ↓

Sponsorship and exhibiting opportunities available!  
 Call (800) 423-7748 or visit [www.agwt.org/events](http://www.agwt.org/events) for more information.



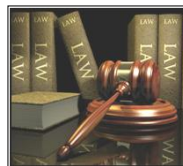
## WHEN THE REAL WORK BEGINS: TAKING WATER PLANNING FROM DESIGN TO IMPLEMENTATION

Groundwater resources play an important role in New Mexico's drinking water supply in urban and rural areas. Additional water needs for mining, oil & gas, industry, agriculture, and for sustaining ecology add demand stress to an already limited supply. There are likely to be future constraints on stream flow dependability and aquifer recharge rates. Realistic water planning to achieve optimal use of the state's aquifers is essential if New Mexico is to achieve a long term sustainable supply/demand balance. The Annual New Mexico Groundwater Conference (Albuquerque, July 22-23) will explore the next frontiers in water planning and implementation with an emphasis on:

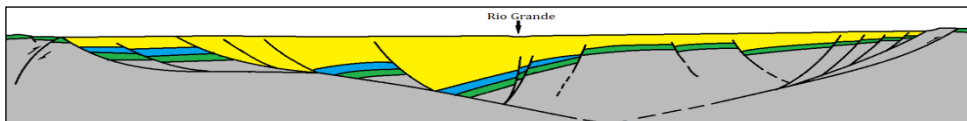
- Factoring in water availability to planning predictions for population growth and economic development
- Using sound science for quantifying the resource potential and assessing future hydrologic conditions
- Examining the feasibility of developing water supply engineering solutions and conjunctive use strategies
- Assessing possible legislative changes to regulatory authority and water management jurisdiction
- Reviewing how water rights and groundwater ownership may constrain planning options

### Continuing Education

The AGWT will issue Certificates of Attendance:  
 Application will be submitted to State Bar of NM for Attorneys  
 Application will be submitted to Office of State Engineer for Water Well Drillers  
 Application will be submitted to NM Environment Department for Water Operators



**“Great value – very impressive selection of presenters”**  
**“A very beneficial immersion in NM’s groundwater issues”**  
**“One-stop-shop for expert opinion and update on the State’s water management challenges”**



Join these event sponsors:



**Day One – Monday, July 22**

**7:00 – 8:30**                      **REGISTRATION** (Coffee, pastries and network with exhibitors)

8:30 – 8:45

**INTRODUCTION**

Andrew Stone, Executive Director, American Ground Water Trust, Concord, NH

8:45 – 9:20

**NEW MEXICO WATER PLANNING - ITS EVOLUTION**

Amy Lewis, Hydrogeologist, HydroAnalytics LLC, Santa Fe, NM

9:20 – 9:55

**IMPLEMENTATION OF NM STATE WATER PLAN**

Lucia Sanchez, Water Planning Program Manager, NM Interstate Stream Commission, Santa Fe, NM

9:55 – 10:20

Invited Keynote Presentation

**STATE WATER POLICY – THE 50 YEAR PLAN**

Michelle Lujan Grisham, New Mexico Governor, Santa Fe, NM

**10:20– 10:40**                      **BREAK**

10:40– 11:15

**CLIMATE-CHANGE AND WATER PLANNING**

Dagmar Llewellyn, Hydrologist, US Bureau of Reclamation, Albuquerque, NM

11:15 – 11:50

**HYDROGEOLOGIC WORK IN SUPPORT OF NM WATER PLANNING**

Stacy Timmons, PG, Hydrogeologist, NM Bureau of Geology, Socorro, NM

11:50 – 12:25

**WATER PLANNING IMPLEMENTATION EXPERIENCES**

Norman Gaume, Water Manager (Retired), Albuquerque, NM

**12:25 – 1:25**                      **LUNCH**                              *(Sponsor Opportunity)*

1:25 – 3:20

**GROUNDWATER USE AND QUALITY ISSUES IN THE PERMIAN BASIN – A WATER PLANNERS NIGHTMARE**

Moderator - Neil Blandford, Principal Hydrogeologist, Daniel B. Stephens & Associates, Inc., Albuquerque, NM

**NEW MEXICO PERMIAN BASIN – CASE STUDY OF DEEP WATER SOURCES AND INTERACTION OF SALTWATER DISPOSAL AND WATER SOURCES**

Neil Blandford, PG, Principal Hydrogeologist, Daniel B. Stephens & Associates, Inc., Albuquerque, NM

**ALLOCATIONS AND APPROPRIATIONS FOR WATER FROM THE SANTA ROSA AQUIFER, EASTERN NEW MEXICO**

Roger Peery, CPG, PG, CEO or Steven T. Finch, Jr., CPG V.P., Principal Hydrogeologist-Geochemist, John Shomaker and Associates, Albuquerque, NM

**LEGAL & PERMITTING ISSUES RELATED TO DISPOSAL INJECTION OF OILFIELD PRODUCED WATER**

Dalva L. Moellenberg, JD, Shareholder, Gallagher & Kennedy, Santa Fe, NM

**3:20 – 3:35**                      **BREAK**

3:35 – 4:10

**PRODUCED WATER RE-USE IN NEW MEXICO**

Jeri Sullivan Graham, PhD, PG, Research Professor, UNM, Los Alamos, NM

4:10 – 4:45

**PUBLIC-PRIVATE PARTNERSHIPS FOR PROJECT FUNDING**

John D'Antonio, PE, New Mexico State Engineer, Santa Fe, NM

4:45 – 5:00

**GENERAL Q & A FOR DAY ONE**

**5:00 – 6:30**                      **RECEPTION**                              *(Sponsor Opportunity)*



**Day Two – Tuesday, July 23**

**7:30 – 8:30 REGISTRATION (Coffee, pastries and network with exhibitors)**

8:30 – 8:45

**SUMMARY OF DAY ONE PRESENTATIONS**

David Jordan, PE, Water Resources Line of Business Lead, INTERA Incorporated, Albuquerque, NM

8:45 – 9:20

**REVIEW OF WATER RELATED LEGISLATION 2019**

Melanie Stansbury, Representative, NM House District 28, Albuquerque, NM

9:20 – 9:55

**IMPLEMENTATION OF THE WATER 2120 PLAN**

John Stomp, PE, Chief Operating Officer, Albuquerque Bernalillo County Water Utility Authority, Albuquerque, NM

9:55 – 10:30

**STATEWIDE WATER-BUDGET ANALYSIS TOOL**

Austin Hanson, Hydrogeologist, INTERA, Albuquerque, NM

**10:30 – 10:50 BREAK**

10:50 – 11:25

**LOWER RIO GRANDE - TRANSBOUNDARY WATER UPDATE**

Adrian Oglesby, JD, Director, Utton Transboundary Resources Center, Albuquerque, NM

11:25 – 12:00

**AGRICULTURAL GROUNDWATER MANAGEMENT**

Erik Fuchs, NMSU, Elephant Butte Irrigation District, Las Cruces, NM

**12:00 – 1:00 LUNCH (Sponsor Opportunity)**

(Refreshments available all afternoon)

1:00 – 1:35

**COLORADO WATER PLAN – OPPORTUNITIES AND CONSTRAINTS**

Shaden Musleh, PE, Water Resources Engineer, INTERA, Boulder, CO

1:35 – 2:20

**PLANNING IN THE MIDDLE RIO GRANDE BASIN: SURFACE WATER/GROUNDWATER CHALLENGES**

Mike Hamman, PE, Chief Engineer, CEO, Middle Rio Grande Conservancy District, Albuquerque, NM

2:20 – 2:55

**NAVAJO GALLUP PIPELINE - PLANNING AND IMPLEMENTATION**

John Leeper, PhD, PE, Senior Project Manager, Wood Group, Socorro, NM

2:55 – 3:30

**BUREAU OF RECLAMATION ALAMOGORDO FACILITY ACTIVITIES, BORDER ACTIVITIES**

Mike Hightower, PE, Research Professor, Center for Water and the Environment, UNM, Albuquerque, NM

3:30 – 4:05

Closing speaker to be announced soon

4:05 – 4:15

WRAP-UP AND FINAL Q & A

**ADJOURN 4:15**

Please note that there is a separate workshop program on PFAS contamination issues on July 24 (same venue). Conference attendees can register for the PFAS Workshop at a discounted rate of \$125 instead of \$200. For registration and workshop details visit [www/agwt.org/events](http://www.agwt.org/events)

↓ Registration form below for the Groundwater Conference ↓

# REGISTRATION/EXHIBIT/SPONSORSHIP PAYMENT FORM

New Mexico Groundwater Conference, Albuquerque, NM July 22 - 23, 2019

	July 22 <u>and</u> 23	July 22 <u>or</u> July 23
YOU MUST CHECK ONE: →	<input type="checkbox"/>	<input type="checkbox"/> or <input type="checkbox"/>
General Registration*	<input type="checkbox"/> \$430	<input type="checkbox"/> \$235
AGWT Corporate Member*	<input type="checkbox"/> \$405	<input type="checkbox"/> \$210
Full-Time Student* (ID required at Registration)	<input type="checkbox"/> \$100	<input type="checkbox"/> \$50
Presentation ppts download (Registrant Price)	<input type="checkbox"/> \$30	
Speaker – Day of Presentation (Complimentary)	July 22 <input type="checkbox"/> \$0	July 23 <input type="checkbox"/> \$0
Speaker – Attend Additional Day	July 22 <input type="checkbox"/> \$100	July 23 <input type="checkbox"/> \$100
Exhibit Table (personal registration also required)	<input type="checkbox"/> \$300	

\*Registration Includes: breaks, lunches and reception

Register on-line at [www.agwt.org/events](http://www.agwt.org/events)

## SPONSOR:

Sponsor Levels:  \$2,000  \$1,000  \$500  \$250

\$1,000 and above sponsors have the option of a complimentary registration or exhibit table.

Would you like a complimentary registration? YES  NO

Do you plan to exhibit? YES  NO

Please call the AGWT (800) 423-7748 if you have questions, need an invoice, or if you would like to discuss providing financial assistance for this event in some other way, such as sponsoring lunch or the reception.

**July 24 PFAS Workshop**  
(also at the State Bar of NM)  
Big registration discount offered for the PFAS Workshop for attendees of the Groundwater Conference.  
PFAS registration on-line:  
[www.agwt.org/events](http://www.agwt.org/events)

## Registrant/Sponsor/Exhibitor Information:

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

Organization Name \_\_\_\_\_

Attendee E-mail \_\_\_\_\_

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

Address \_\_\_\_\_

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

## Payment Information:

CHECK [payable to: American Ground Water Trust]

AMEX/VISA/MC

PO # \_\_\_\_\_

AMOUNT AUTHORIZED \$ \_\_\_\_\_

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

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

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### MAIL TO:

American Ground Water Trust  
50 Pleasant Street, Suite 2  
Concord, NH 03301-4073

FAX: (603) 228-6557

TEL: (603) 228-5444

E-mail:  
[trustinfo@agwt.org](mailto:trustinfo@agwt.org)

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

The American Ground Water Trust is a non-profit 501(c)(3) membership organization dedicated to providing accurate information about water resources, groundwater and wells to citizens, communities and decision makers. Contributions are tax deductible to the extent permitted by law.