

# 2020 NEW MEXICO GROUNDWATER ISSUES

## Virtual Conference – in webinar format

An annual information-exchange program organized by the American Ground Water Trust  
Registration on-line [www.agwt.org/events](http://www.agwt.org/events)

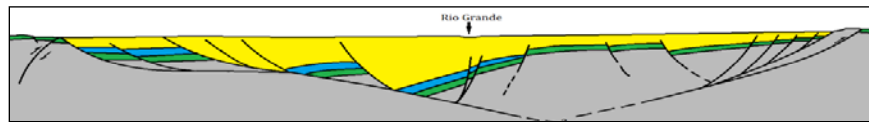


Tuesday, November 24th – 9:00am–3:00pm (MST)

*Attend the webinar from anywhere*

*The 2020 New Mexico Groundwater Conference is a virtual event this year*

*Relax in your own comfortable home or office chair while you learn about groundwater research taking place in New Mexico and gain insight to some of the state's water management challenges and solutions*



### CONTINUING EDUCATION



Approved by NMED-Drinking Water Bureau for New Mexico Water & Wastewater Operators – 5.5 Training Credits  
Approved by NM OSE for New Mexico Well Drillers – 5 hours (3 hours Geology/Hydrogeology and 2 hours Other)  
Certificate of attendance available for all attendees upon completion of CE Form.



**AQUIFER MAPPING  
GEOLOGY AND RECHARGE  
GROUNDWATER MONITORING  
CLEAN WATER ACT AND WOTUS  
PECOS RIVER AND MIDDLE RIOGRANDE  
PERMIAN BASIN PRODUCED WATER CHALLENGES**

### WHO SHOULD SIGN-UP FOR THIS WEBINAR?

This annual program attracts participation from New Mexico's water managers, water attorneys, engineers, geologists, hydrogeologists, planners, utility operators, groundwater consultants, water treatment specialists, water well contractors, groundwater end-users, city & county government, Federal and State water agencies, regulatory authorities, environmental NGOs and interested citizens.

**“Always a very impressive selection of presenters”**

**“A very beneficial annual immersion in NM's groundwater issues”**

**“One-stop-shop for expert opinion and update on the State's water management challenges”**

Join our 2020 New Mexico Groundwater Webinar Sponsors:

visit [www.agwt.org/events](http://www.agwt.org/events) or call 800-423-7748



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## Presentation schedule - Tuesday, November 24th

9:00am (MST) Start of Webinar

### **INTRODUCTION**

Webinar moderator, Andrew Stone, American Ground Water Trust, Concord, NH

### **USING GEOPHYSICS TO SITE “FOREBAY-TYPE” MANAGED AQUIFER RECHARGE SYSTEMS: A POTENTIAL TOOL FOR NEW MEXICO**

John Jansen, PG, PGp, PhD, Senior Geophysicist/Hydrogeologist, Collier Geophysics, West Bend, WI

### **MOUNTAIN-BLOCK RECHARGE: CURRENT UNDERSTANDING, BARRIERS TO QUANTIFICATION AND THE ROLE OF TECHNOLOGICAL INNOVATIONS**

Katie Markovich, PhD, Hydrologist, Intera, Albuquerque, NM

### **THE LOSS OF CLEAN WATER ACT (CWA) PROTECTIONS IN NEW MEXICO RESULTING FROM THE NEW DEFINITION OF WATERS OF THE U.S. (WOTUS)**

Rebecca Roose, Water Protection Division Director, New Mexico Environment Department, Santa Fe, NM

### **3D MAPS OF AQUIFERS AND GEOLOGIC FRAMEWORKS**

Marissa Fichera, Hydrogeologist, New Mexico Bureau of Geology & Mineral Resources, Socorro, NM

### **THE NEW MEXICO COLLABORATIVE GROUNDWATER MONITORING NETWORK**

Laila Sturgis, Hydrogeologist, Aquifer Mapping Program Manager, New Mexico Bureau of Geology & Mineral Resources, Socorro NM

11:45am (approximately) BREAK FOR LUNCH

12:15pm Webinar Resumes

### **THE ROLE OF AQUIFER STORAGE RECOVERY IN THE WATER AUTHORITY’S *WATER 2120* WATER MANAGEMENT STRATEGY**

Diane Agnew, Environmental Manager, Albuquerque Bernalillo County Water Utility Authority, Albuquerque, NM

### **MEETING WATER SUPPLY CHALLENGES FOR THE MIDDLE RIO GRANDE**

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

### **WATER MANAGEMENT CHALLENGES IN THE PECOS RIVER BASIN**

Hannah Riseley-White, Pecos River Basin Manager, NM Interstate Stream Commission, Santa Fe, NM

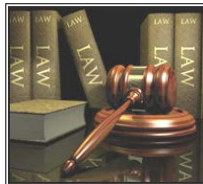
### **EFFECTS OF UNPERMITTED DUMPING OF PRODUCED WATERS IN NEW MEXICO**

Denise Akob, PhD, Research Microbiologist, US Geological Survey, Reston, VA

### **PRODUCED WATER CONCERNS IN NEW MEXICO**

Rebecca Sobel, Senior Climate and Energy Campaigner, WildEarth Guardians, Santa Fe, NM

3:00pm (approximately) Webinar ends



**REGISTRATION and SPONSORSHIP FORM**  
**New Mexico Groundwater Webinar, November 24, 2020**

General Registration \$140

Full-Time Student (student ID required) \$40

Presentation ppts download  
(Registrant Price) (pdf of slides no narration) \$30

**SPONSOR: Sponsor Levels:**       \$2,000     \$ 1,000     \$ 500     \$ 250     \$ 125

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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.

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