

NORTHWEST GROUNDWATER CONFERENCE

Application of Science and Technology to Ground Water Management

Presented by: **American Ground Water Trust**

(A 501(c)(3) non-profit education organization)

**Holiday Inn Express Hotel & Suites Pasco-Tri Cities, WA
4525 Convention Place, Pasco, WA 99301**

Conference: Monday, March 6 & Tuesday, March 7, 2023

Optional ASR field trip on Sunday, March 5

A conference for all professions and end-users involved with groundwater resources in the Northwest

The American Ground Water Trust's Northwest Groundwater conference is a great information-exchange and networking opportunity. Attendance is anticipated from water agencies, utilities and water districts, water professionals (scientific, engineering, managerial, legal, environmental, and regulatory), water operators, industrial and irrigation end-users of water, local and state elected officials and university and college academics with an interest in water supply, water policy and regulatory issues in Idaho, Oregon, and Washington.

Conference Program organized in cooperation with:



Program Overview

The two-day conference will address key regional water resources issues involving policy, science, and technology. The topics that will be covered by invited presentations from experts and specialists will include:

- The current and likely future impacts of climate changes on the region's hydrology and aquifers
- Increasing the adoption of aquifer recharge technology as a management strategy to achieve resource sustainability
- Legal aspects and water rights related to private well issues involving policies and agency authority for managing/regulating "exempt wells"
- Achieving collaboration for managing aquifers which are "transboundary" – where different jurisdictions have authority to regulate the same aquifer
- An assessment of innovations in irrigation technology and management to achieve economic sustainability with declining and/or less dependable water supply
- Water treatment technology and costs for remediating legacy groundwater contamination to comply with increasing levels of regulatory stringency
- State initiatives and programs to help domestic well owners (who are mostly below the regulatory radar) navigate water sampling and testing to determine if a treatment system is required

The American Ground Water Trust has convened 18 conference/workshop programs in the Northwest.

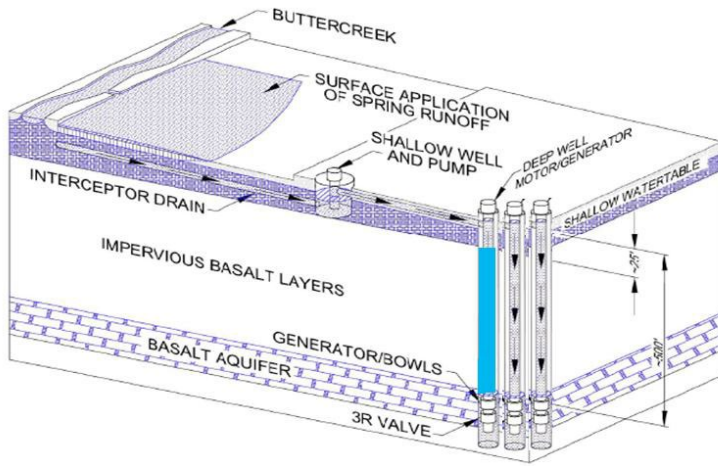
Conference program is currently under development

FIELD TOUR – LEADING EDGE ON-FARM WATER MANAGEMENT

Sunday, March 5th - 1:00pm – 4:30pm - lunch provided

Madison Ranches, Echo, Oregon

A unique opportunity to view first-hand, the integration of managed aquifer recharge, aquifer storage recovery and ASR electricity generation. Field tour leader, Kent Madison.



Spring runoff from Buttercreek is diverted for surface spreading and infiltration to the shallow water table. With turbidity removed, the “new” groundwater is then captured by interceptor drains and pumped to irrigation circles and/or recharged to the deep basalt aquifer (generating electricity during the recharge process). The stored water in the deep aquifer can be recovered for late season irrigation. Down well valve design is a critical element of the ASR and ASR electricity generation process

Field tour sign-up is first-come-first served.

Only available for people registered for the March 6-7 conference.

The field tour location is at Madison Ranches, Echo OR.

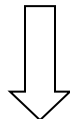
Pasco to Echo is a 45-minute drive, Portland to Echo is 3¼ hours, and Seattle to Echo is 3¾ hours.

Confirmed presenters:... more presenters and full schedule coming soon

- ~Paul Arrington, Executive Director, General Counsel, Idaho Water Users Association, Boise, ID
- ~Troy Baker, Executive Director, Walla Walla Basin Watershed Council, Milton-Freewater, OR
- ~Roy Bartholomay, Center Director, USGS-Idaho, Idaho Falls, ID
- ~Alexis Clark, PG, Idaho Geological Survey, Boise, ID
- ~Curtis Cude, Healthy Waters Program Coordinator, Oregon Health Authority, Portland, OR
- ~Brigitta Gruenberg, Environmental Health Program Manager, Idaho Dept of Health Boise, ID
- ~Alan Kolok, PhD, Professor, Director, Idaho Water Resources Research Institute, Moscow, ID
- ~Kent Madison, President, 3R Valve LLC, Echo, OR
- ~Sasha McLartey, PhD, Assistant Professor, Washington State University, Pullman, WA
- ~Mike Piechowski, LHG, Principal Hydrogeologist, Robinson Noble, Inc., Tacoma, WA
- ~Chad Pritchard, Chair, Eastern Washington University-Dept of Geosciences, Cheney, WA
- ~John Stuhlmiller, Executive Director, Washington State Water Resources Assn, Olympia, WA
- ~David Tuthill, PhD, PE, Founder, Idaho Water Engineering, LLC, Boise, ID

Online registration will be open soon

Registration details



REGISTRATION INFORMATION - NORTHWEST GROUNDWATER CONFERENCE 2023

Holiday Inn Express Hotel & Suites Pasco-Tri Cities, WA - 4525 Convention Place, Pasco, WA 99301

Monday, March 6th & Tuesday, March 7th On-line registration www.agwt.org/events

	Both days	Day 1 only	Day 2 only
General Registration	<input type="checkbox"/> \$425	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250
Employees of AGWT Corporate Members (\$250+Level)	<input type="checkbox"/> \$400	<input type="checkbox"/> \$225	<input type="checkbox"/> \$225
Full-Time Students(ID required at registration)	<input type="checkbox"/> \$120	<input type="checkbox"/> \$80	<input type="checkbox"/> \$80
Exhibit Table (6-foot table)(Personal registration <u>not</u> included)	<input type="checkbox"/> \$300		
Download of presentations (in PDF format)	<input type="checkbox"/> \$ 30		
Sunday March 5 th Aquifer recharge & ASR Field Tour <small>(Field Tour only available with conference registration)</small>	<input type="checkbox"/> \$ 50	Student tour fee <input type="checkbox"/> \$ 0	

SPONSOR:

Sponsor Levels: \$3,000 \$2,000 \$ 1,000 \$ 500 \$ 250

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

Please choose: complimentary registration **OR** exhibit table

EXHIBITOR: Exhibit Table (personal registration below also required) \$ 300

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.

(Conference registration includes 2 lunches, breaks, and reception)

Total

Sponsorship & exhibit opportunities listed on the Trust’s website – www.agwt.org/events

PAYMENT: **Check** *[Make checks payable to: American Ground Water Trust]*

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Register by:

MAIL - American Ground Water Trust, 50 Pleasant Street, Concord, NH 03301

FAX - (603) 228-6557 **TEL - (603) 228-5444** **WEB – www.agwt.org/events**