



It's TIME to Talk About Groundwater: Understanding Groundwater Age, Methods, and Implications for Resource Management

Minnesota Ground Water Association Spring Conference, April 23 2026

Heritage Center – 6155 Earle Brown Drive, Brooklyn Center, MN

Start	End	Affiliation	Speaker	Title	
<b>7:00 8:00 Doors Open – Coffee &amp; Light Breakfast</b>					
8:00	8:10	MGWA	Jared Trost Elizabeth Kluesner	Welcome	
8:10	8:20	MGS	Tony Runkel	Lag Time in the Multi-aquifer System of Southeast Minnesota	
8:20	8:40	MDA	Kim Kaiser Margaret Wagner	Understanding Groundwater Age for the Implementation of the Groundwater Protection Rule	
8:40	9:00	MDH	Maya Gilchrist	A Multi-Tracer Approach to Assessing Relative Groundwater Age and Aquifer Vulnerability in the Root River Watershed	
9:00	9:30	USGS	Laura Schachter	A Nitrate Decision Support Tool that incorporates groundwater lag times to wells and streams	
9:30	9:45	MGWA	Board & Foundation	Scholarship Announcements and Introductions	
AM	9:45	Various	Various	Lightning Talk Series (listed on back)	
	<b>10:00 10:30 Break and Poster Session (Poster presenters listed on back)</b>				
	10:30	USGS	Bryant Jurgens	Using Groundwater Age to Guide Long-Term Groundwater-Quality Management	
	11:00	MN DNR	John Barry Kayla Nelson	Groundwater Atlas Program Residence Time Data and Groundwater Management Case Study	
	11:30	MGS	Robert Tipping	The Role of Groundwater Residence Time in Watershed-scale Water Resource Planning	
	12:00	MGWA	Amanda Yourd	Student Networking Lunch Logistics	
	<b>12:10 1:10 Lunch and Student Networking</b>				
	1:10	1:20	MGWA Business	Michael Ginsbach	MGWA Committee Updates
	PM	1:20	Ethics	George Hudak	How Scandals Have Shaped Ethics in the Mineral Industry
		2:20	MPCA	Cliford Ndiweni	Direct Groundwater Age Simulation as a Tracer to Tag Fluid Masses, Flow Paths and Travel Times Within the Capture Area of St Peter Well Fields
2:50		Traut	Daryl Karash	Sonic Well Drilling	
<b>3:05 3:30 Break and Poster Session (Poster presenters listed on back)</b>					
3:30		4:00	SGS Isobar Science and SGS Beta Analytic	Arash Sharifi	Beyond Conventional Nitrate Isotopes: Multi-Isotope Fingerprinting of Nutrient Contamination in South Florida Surface Waters
4:00	4:20	Darcy Solutions	Scott Alexander	The Influence of Groundwater Modeling on the Concept of Groundwater Age	
4:20	4:30	MGWA	Jared Trost	Closing Remarks	

Continuing Education

This conference is designed to meet the criteria for continuing education for professionals registered with the MN Board of [AELSLAGID](#) and for well contractors as specified by the [MN Department of Health](#).

Affiliation	Speaker	Title	
U of MN	Phillipe Lima, Jana Kramer	A GIS Tool for Mapping Aquifer Recharge Potential	Lightning Talk
Bemidji State	Mikell Schoonover	Groundwater Springs in Northeastern Minnesota	Lightning Talk and Poster Presentation
Met Council	Lanya Ross	Time to Update the Regional Groundwater Flow Model for the Twin Cities' Area	Lightning Talk and Poster Presentation
Carleton College	Malia Reeg	Assessing the Role of Lithology on the Major Ion Signatures of Driftless Area Springs	Poster Presenter
U of MN	Anita Hall, Kyla Bush, Diana Gomez Forero	Using Stable Isotopes to Determine the Contribution of Source Water to Suburban Lakes	Poster Presenter
MN DNR	Reid Brown	Water Appropriation Under Drought Conditions in Minnesota (1988-2023)	Poster Presenter
Carleton College	Pilar Andruet, Rebecca Marshall, Eve Mullen	A Synoptic Survey of Springs in the Driftless Area	Poster Presenter
Carleton College	Augusta Gruhlke	Comparing Nitrates and Groundwater Age of Springs in the Driftless Region of the Upper Midwest Using Tritium	Poster Presenter
Carleton College	Margaret Benson	A Survey of Fe-oxidizing Bacteria Population Dynamics in Five of Northfield's Iron Springs	Poster Presenter

## Congratulations to the MGWA Foundation 2026 Scholarship Recipients!

Ryder Roelf (UMD)

Hanna Bruskiwicz (St. Cloud State)

Mikell Schoonover (Bemidji State)

Jennifer Huang (U of MN)

Vy Phan Tuong Le (UW Madison)

Please join us after the conference to continue conversation at the Wicked Wart Brewing Company at 4165 W Broadway in Robbinsdale.

Thank you to our sponsors!



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