



Minnesota's Hydrologic Future with Data Farms & Non-Matrix Flows

Minnesota Ground Water Association
Spring Conference 2025
May 1, 2025
Landscape Arboretum, Minnetonka
FINAL AGENDA

Time	Affiliation	Speaker	Title
8:30am-8:45am		Doors Open - Coffee and Continental Breakfast	
8:45-9:00am	MGWA	Rebecca Higgins & Honored Guest, MN House Representative Peter Fischer	Welcome
9:00-9:30am	MGWA Foundation & University of Wisconsin - Green Bay	Eric Mohring, Ashley Muench	An Analysis of Regulatory Impacts on Groundwater Quality in the Silurian Aquifer of Northeastern Wisconsin
9:30-10:30am	Hamline University	David Schultz, Esq.	Ethics Hour
10:30-10:45am	Morning Break		
10:45-11:15am	Carleton College	Gabriel Kaplan	Vector autoregression shows that deep aquifers are more sensitive to climate-induced pumping
11:15-11:30am	University of Minnesota Emeritus	E. Calvin Alexander, Jr.	Systematic Removal of Karst Blind Valleys from Digital Versions of USGS Topo Maps
11:30-12:00pm	MGWA	Rebecca Higgins and Eric Bunge	MGWA Business Update
12:00-12:50pm	Lunch Break		
12:50-1:10pm	MN DNR	John Barry	Synthesizing characterization techniques to refine a conceptual model of groundwater sources to springs in valley settings
1:10-1:35pm	MN Dept. of Ag	Kevin Kuehner	Improved understanding of groundwater age and nitrate trends in southeast Minnesota
1:35-2:00pm	MDH	Tannie Eshenaur	A Patchwork of Protections: Private Wells in Southeast Minnesota
2:00-2:25pm	University of Minnesota	Peter K. Kang	Predicting Solute Transport in Minnesota's Fractured Aquifers
2:25-2:40pm	Afternoon Break		
2:40-3:10pm	Coalition for Responsible Data Center Development	Mo Feshami, Cathy Johnson, Gary Johnson	The Pink Elephant - Hyperscale Data Center in Farmington, MN
3:10-3:40pm	Freshwater	Carrie Jennings, Alyssa Fabia, Rosie Russell	Governing Groundwater for a Shared Future
3:40-4:00pm	Dakota County	Valerie Neppl	Multiple large groundwater users proposed for Dakota County
4:00-4:20pm	CURE MN	Peg Furshong	Understanding the Nexus of Energy and Water in Rural Minnesota
4:20pm	MGWA	Rebecca Higgins	Wrap-Up
4:30pm	Networking Happy Hour or Self Guided Tours of Arboretum		