

SPECIAL PRESENTATION

Candidate for Director Tahoe Environmental Research Center



Dr. Steven Loheide II

“Research Highlights and Vision for the Tahoe Environmental Research Center”

(Followed by a question & answer period)

Wednesday, June 12, 2024

8:30am – 9:30am

3102 Gallagher Hall (540 Alumni Ln, Davis, CA 95616)

[Zoom](#) Meeting ID: 994 2847 8111 | Passcode: 231392

Dr. Steven Loheide is Distinguished Professor of Water Resources Engineering in Civil and Environmental Engineering, Geological Engineering, Freshwater and Marine Sciences and Water Resource Management at the University of Wisconsin – Madison. He received a BS in Environmental Chemistry and Geology from the University of Northern Iowa (1999), MS in Geology from Indiana University (2001), and PhD in Hydrogeology from Stanford University (2006), before joining the faculty at UW-Madison in 2006. As an ecohydrologist, Dr. Loheide’s research focuses on the interactions between ecological and hydrological processes in natural and built systems with special attention to the role of groundwater. His approaches use a combination of field data, remote sensing, and numerical modeling to understand the feedbacks between vegetation patterning, plant water use, soil moisture availability, groundwater regimes, stream-aquifer interactions, and agricultural and urban water management. This work is focused on improving the scientific basis for stream, floodplain, meadow, and wetland restoration efforts; quantifying the provisioning of hydrologic ecosystem services under current and future scenarios; and evaluating interactions among groundwater and urban, agricultural, and natural environments.

Dr. Loheide teaches courses in hydrology, water resources engineering, groundwater hydraulics, and ecohydrology. He is a member of the American Geophysical Union, Geological Society of America, and American Water Resources Association (WI). He serves on, and has chaired, the Board of Directors of the Consortium of Universities for the Advancement of the Hydrologic Sciences (CUAHSI). He founded CUAHSI Virtual University, which enables faculty and students from around the country to participate in specialized hydrology courses and received the Harvey Spangler Teaching Award for developing this inter-institutional graduate training program. Dr. Loheide has been recognized with the NSF Career, Vilas Faculty Mid-Career Investigator, and Fulbright Scholar Awards.