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LSPA Western MA May 2024 Membership Meeting

Groundwater Flooding in Massachusetts:

Understanding the current and potential future conditions

PRESENTER BIO

David Boutt is a Full Professor in the Department of Earth, Geographic, and Climate Sciences at the University of Massachusetts-Amherst. He received B.S. and M.S. degrees from the Department of Geological Sciences at Michigan State University in 1997 and 1999. He earned his Ph.D. in Hydrology from the New Mexico Institute of Mining and Technology (Socorro, New Mexico, USA) in 2004 and held a postdoctoral position at Sandia National Laboratories before joining the faculty at UMass-Amherst in 2005.

He is a computational hydrogeologist and has published numerous articles about the hydrology and hydrogeology of the New England region. He leads a research group focused on improving the physical understanding of subsurface water storage in different hydrologic environments. Ultimately the research group is motivated to integrate knowledge of hydrological systems to allow different stakeholders to make the best decisions for the sustainable management of earth resources. A key focus of his current work involves the extraction of lithium from salar and brine systems in Argentina, Canada, Chile, and the Great Basin of the western United States.

