

David Boutt

Professor of Earth, Geographic, and Climate Sciences at University of Massachusetts Amherst
Amherst, MA, US

David Boutt's research focuses on the interplay of surface water and groundwater, and on sub-surface processes that impact it on its journey

Biography

David Boutt provides expert commentary on issues related to groundwater and hydrology. He is especially interested in how lithium mining affects water quality. He has been featured in publication including the Boston Globe and ScienceNews. Boutt's work focuses on how water becomes groundwater and the sub-surface processes that impact it along its journey. This includes understanding how groundwater contributes to streamflow generation and springs. He also works to understand how much water is available for a region at a given time in geologic history and where the source the source of this water is located. He is also a member of the Climate Science Advisory Panel through the new Massachusetts Office of Climate Science, charged with providing expertise on statewide climate science and future projections used to inform state and local climate adaptation planning and projects.

Expertise

Drought, Hydrogeology, Groundwater Recharge Processes, Groundwater, Water, Paleo Hydrology, Groundwater Hydrology, Watershed Hydrology

Education

New Mexico Institute of Mining and Technology,
Ph.D. Hydrology

Michigan State University
M.S. Hydrogeology

Michigan State University
B.S. Geosciences

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