

## KEVIN J. MCGUIRE, Ph.D.

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Virginia Tech, Blacksburg, VA 24061

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### Education

	Study area	Degree
Susquehanna University, Selinsgrove, PA	Environmental Science	B.S., 1997
Penn State, University Park, PA	Forest Hydrology	M.S., 1999
Oregon State University, Corvallis, OR	Forest Engineering	Ph.D., 2004
Georgia Institute of Technology, Atlanta, GA	Hydrology	Postdoc, 2004-2005

### Appointments

2020-present	Professor, Associate (2014-20), Assistant (2012-14), Dept. of Forest Resources and Environmental Conservation, Virginia Polytechnic Institute and State University [Virginia Tech]
2024-present	Director, Virginia Water Resources Research Center, Virginia Tech
2010-2024	Associate Director, Virginia Water Resources Research Center, Virginia Tech
2009-2012	Research Assist. Prof., Virginia Water Resources Research Center, Virginia Tech
2005-2008	Assistant Professor, Center for the Environment, Plymouth State University, NH
2005-2008	Research Hydrologist, Northern Research Station, USDA Forest Service

### Biosketch

Dr. Kevin J. McGuire is Professor of Hydrology in the Department of Forest Resources and Environmental Conservation and Director of the Virginia Water Resources Research Center (VWRRC) located in Virginia Tech's College of Natural Resources and Environment.

Dr. McGuire's research is rooted in forested watersheds but extends across a range of landscapes, studying how water flows into streams, interacts with soils and groundwater, and shapes the quality and quantity of water available to communities and ecosystems. His work has been supported by the National Science Foundation, the USDA Forest Service, the U.S. Geological Survey, and the Virginia Department of Forestry, among others, and he has published over 90 peer-reviewed publications.

As Director of the VWRRC — one of 54 federally designated water resources research institutes established under the Water Resources Research Act — Dr. McGuire oversees the Center's mission to advance water science and inform policy at the state and national level. He is a board member of the National Institutes for Water Resources and serves as Virginia Tech's lead representative to the Universities Council on Water Resources (UCOWR) and the Consortium of Universities for the Advancement of Hydrologic Sciences, Inc. He has chaired the UCOWR Annual Conference, the Gordon Research Conference on Catchment Science, and the U.S.–Japan Joint Seminar on Forest Hydrology and Biogeochemistry, and is an active member of the American Geophysical Union. He has served as associate editor for *Hydrological Processes*, *Water Resources Research*, and *Journal of Environmental Quality*, and chief specialty editor of the forest hydrology section of *Frontiers in Forests and Global Change*.