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2015 Rice, K.C., and Jastram, J.D. Rising air and stream-water temperatures in Chesapeake Bay region, USA. *Climate Change*, 128 (1-2) pp. 127-138


RESEARCH, ASSESSMENTS, AND OTHER PUBLICATIONS


2000  Fievet, C.J., J.R. Webb, and C. Gray. Forest Species Composition and Basal Area for Selected Watersheds in Western Virginia. Shenandoah Watershed Study, Department of Environmental Sciences, University of Virginia, Charlottesville, Virginia.

2000  Van Tassel, K. Aluminum Chemistry in the Shenandoah National Park. Department of Environmental Sciences, University of Virginia, Charlottesville, Virginia.


2004    Webb, R. *Effects of Acidic Deposition on Aquatic Resources in the Central Appalachian Mountains*. A Shenandoah Watershed Study Report, Department of Environmental Sciences, University of Virginia, Charlottesville, Virginia.


2014  Rice, K.C., Jastram, J.D., Wofford, J.E.B., and Schaberl, J.P. Synthesis of thirty years of

THESES


1997  Muller-Koppers, M.M. Dry deposition of base cations to a small forested watershed. Masters Thesis.


2013 Robison, D. Acidification in upland watersheds of western Virginia: biogeochemical responses to reduced acid deposition and predictions for future interactions with climate change. 78 pp. Master’s Thesis.


PRESENTATIONS


Tenbus, F.J. and G.M. Hornberger. The role of heterogeneous hydraulic conductivity in calculation of subsurface discharge from an upland catchment. Spring Meeting of the American Geophysical Union, Baltimore, Maryland.


1987 Sigmon, J.T. Atmospheric Deposition to Forested Watersheds. Savannah River Laboratory, Georgia.


1992 Bulger, A.J. Potential acid impact on species richness in the Southern Appalachians? Environmental Resources Research Institute, Penn State University. (Invited speaker)


1992  Kendall, C., K.C. Rice, and M.A. Mast. Tracing seasonal changes in sources of carbon in small catchments using $^{13}$C. Spring Meeting of the American Geophysical Union, Montreal, Quebec, Canada.

1992  Kuebler, Anne, K.C. Rice, O.P. Bricker, and M.M. Kennedy. Comparison of solute mass balances and geology of four small Mid-Atlantic watersheds. Spring Meeting of the American Geophysical Union, Montreal, Quebec, Canada.

1993  Bricker, O.P., and K.C. Rice. The role of local-scale research in assessing regional-scale acid deposition effects. Spring Meeting of the American Geophysical Union, Baltimore, Maryland.


1993 Webb, J.R. Nitrogen release and stream acidification following forest defoliation by the gypsy moth. West Virginia Academy of Science, Elkins, West Virginia.


1996 Bulger, A.J. Transboundary air pollution effects on freshwater biota. Oceanography Department, Old Dominion University (Invited speaker).


1997 Eshleman, K.N. A linear model of the effects of the disturbance on nitrogen leakage form forested watersheds. Fall Meeting of the American Geophysical Union, San Francisco, California.


1998 Eshleman, K.N. Assessment of forested disturbance in the mid-Atlantic region: a multiscale linkage between terrestrial and aquatic ecosystems. United States Environmental


1999 Bulger, A.J. Fish responses to acidification in the southeastern US versus the northeastern US. Hubbard Brook Research Foundation, Hanover, New Hampshire (Invited symposium speaker).


1999 Eshleman, K.N. Modeling the effects of disturbance on dissolved nitrogen export from forested watersheds. Abstract published in ESO and poster presented at Fall Meeting of the American Geophysical Union, San Francisco, California.


1999 Deviney, F.A. Searching for gypsy moth: modeling additive and innovational interventions in streamwater concentration time series. Abstract published in ESO and
paper presented at Spring Meeting of the American Geophysical Union, Washington, D.C.


2012  Burns, D.A., K.C. Rice, G.B. Lawrence, T.J. Sullivan, and A.C. Ellsworth. Stream chemistry and sensitivity to acid deposition along the Appalachian Trail. NADP meeting, Portland, Maine.


Charlottesville, Virginia. – [First place poster in Biological and Biomedical Sciences 2 session].


2016  Camper, T. Tree Cores as Chroniclers of Mercury Exposure in the Shenandoah National Park. Undergraduate Research, Environmental Sciences Department, University of Virginia. Charlottesville, VA.


