

John Stephen Kominoski

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EDUCATION

- Ph.D. Ecology**, Odum School of Ecology, University of Georgia, Athens, GA, USA 2008
Dissertation: Linking resource and consumer diversity to ecosystem function in a detritus-based watershed.
Advisor: Catherine M. Pringle
- Graduate Teaching Portfolio Certificate**, University of Georgia, Athens, GA, USA 2008
- M.S. Biology**, Loyola University Chicago, Chicago, IL, USA 2003
Thesis: Dissolved organic carbon from elevated CO₂-altered leaf litter: impacts on stream periphyton growth and community structure.
Advisor: Nancy C. Tuchman
- B.A. Biology**, Augustana College, Rock Island, IL, USA 1999

ACADEMIC AND PROFESSIONAL APPOINTMENTS

- Assistant Professor**, Department of Biological Sciences and Southeast Environmental Research Center, Florida International University, Miami, FL, USA 2013-
- Postdoctoral Research Associate**, Odum School of Ecology, University of Georgia, Athens, GA, USA 2010-2012
- Postdoctoral Research Fellow**, Department of Forest Sciences, University of British Columbia, Vancouver, BC, Canada 2008-2010
- Instructor of Record**, Ecology, Interdisciplinary Field Program, University of Georgia, Athens, GA, USA 2006-
- Graduate Research Assistant**, Odum School of Ecology, University of Georgia, Athens, GA USA 2003-2008
- Graduate Research Assistant**, Department of Biology, Loyola University Chicago, Chicago, IL, USA 2001-2003

GRANTS

- National Science Foundation, Division of Environmental Biology, "**The rising tide of a sea change: Effects of cascading declines in biocomplexity on carbon cycling in freshwater coastal ecosystems**" PI (FIU) (Preliminary Proposal) *In review*
- National Science Foundation, Water Sustainability and Climate, "**Category 3: Collaborative Research: Water Sustainability under Near-term Climate Change: A cross-regional analysis incorporating socio-ecological feedbacks and adaptations**" PI (FIU) (\$111,132) 2012-2016
- National Science Foundation, REU Supplemental, "**Collaborative research: Defining ecosystem heterotrophic response to nutrient concentrations and ratios**" Co-PI. PI Rosemond (UGA) (\$7,464) 2012
- National Science Foundation, Emerging Frontiers, Macrosystems Biology, "**Collaborative Research: Scaling Consumers and Lotic Ecosystem Rates (SCALER): Centimeters to Continents**" Co-PI. PI Amy Rosemond (UGA) (\$254,229) 2011-2016
- National Science Foundation, LTER Cross-site Synthesis Workshop Grant (\$13,105) 2011
- National Science Foundation, LTER Cross-site Synthesis Workshop Grant (\$11,300) 2009
- National Science Foundation, LTER Cross-site Synthesis Workshop Grant (\$7,500) 2007
- Air & Waste Management Association Grant (\$1500) 2006
- University of Michigan Graduate Research Grant (\$1600) 2002

PUBLICATIONS (23)

- Kominoski, J.S.**, J.J. Follstad Shah, C. Canhoto, D.G. Fischer, D. Giling, E. González, N.A. Griffiths, A. Larrañaga, C.J. LeRoy, M.M. Mineau, Y.R. McElarney, S.M. Shirley, C.M. Swan, S.D. Tiegs. Forecasting functional implications of global changes in riparian plant communities. ***Frontiers in Ecology and the Environment***. *In press*
- Prather, C.M., S. Pelini, A.N. Laws, E. Rivest, M. Woltz, C.P. Bloch, I. Del Torro, C-K. Ho, **J.S. Kominoski**, T.A.S. Newbold, S. Parsons. Invertebrates, ecosystem services and climate change. ***Biological Reviews***. *In press*
- Swan, C.M and **J.S. Kominoski**. Biodiversity and Ecosystem Function of Decomposition. In: eLS 2012, John Wiley & Sons, Ltd: Chichester. <http://www.els.net/> DOI: 10.1002/9780470015902.a0023601 2012
- Kominoski, J.S.**, S. Larrañaga, J.S. Richardson. Invertebrate feeding and emergence timing vary among streams along a gradient of riparian forest composition. ***Freshwater Biology*** 57:759-772. 2012
- Kominoski, J.S.**, A.D. Rosemond. Conservation from the bottom up: forecasting effects of global change on dynamics of organic matter and management needs for river networks. ***Freshwater Science*** 31:51-68. DOI: 10.1899/10-160.1 2012
- Bretherton, W.D., **J.S. Kominoski**, C.J. LeRoy, D.G. Fischer. Salmon carcasses alter leaf litter species diversity effects on in-stream decomposition. ***Canadian Journal of Fisheries and Aquatic Sciences*** 68:1495-1506. 2011
- Laguer, C., **J.S. Kominoski**, M. Danger, J.-M. Baudoin, S. Lamothe, D. Lambrigtot, A. Lecerf. Experimental shading alters leaf litter breakdown in streams of contrasting riparian canopy cover. ***Freshwater Biology*** 56:2059-2069. 2011
- Kominoski, J.S.** 2011. Review: The challenges of biodiversity science. ***The Quarterly Review of Biology*** 86:133. 2011
- Kominoski, J.S.**, L.B. Marczak, J.S. Richardson. Riparian forest composition affects stream litter decomposition despite similar microbial and invertebrate communities. ***Ecology*** 92:151-159. 2011
- Lecerf A., G. Marie, **J.S. Kominoski**, C. LeRoy, C. Bernardet, C.M. Swan. Incubation time, functional litter diversity, and ecosystem characteristics predict nonadditive litter mixing effects on decomposition: A synthesis from streams. ***Ecology*** 92:160-169. 2011
- Sabo, J.S., T. Sinha, L.C. Bowling, G.H.W. Schoups, W.W. Wallender, M.E. Campana, K.A. Cherkauer, P. Fuller, W.L. Graf, J.W. Hopmans, **J.S. Kominoski**, C. Taylor, S.W. Trimble, R.H. Webb, E.E. Wohl. Reclaiming freshwater sustainability in the Cadillac Desert. ***Proceedings of the National Academy of Sciences, USA*** 107:21236-21269. 2010
- Gonzalez, A., **J.S. Kominoski**, M. Danger, S. Ishida, N. Iwai, A. Rubach. Can Ecological Stoichiometry explain patterns of biological invasions? ***Oikos*** 119:326-336. 2010
- Lecerf, A., **J.S. Kominoski**. Functional leaf traits and biodiversity effects on litter decomposition in a stream: Comment. ***Ecology*** 91:1867-1869. 2010
- Ball, B.A., **J.S. Kominoski**, H.E. Adams, S.E. Jones, E.S. Kane, T.D. Loecke, W. Mahaney, J. Martina, C.M. Prather, T.M.P. Robinson, C.T. Solomon. Direct and terrestrial vegetation-mediated effects of environmental change on aquatic ecosystem processes. ***BioScience*** 60:590-601. 2010

- Kominoski, J.S.**, T.J. Hoellein, C.J. LeRoy, C.M. Pringle, C.M. Swan. Beyond species richness: expanding biodiversity-ecosystem functioning theory in detritus-based streams. **River Research and Applications** 26:67-75. 2010
- Rosemond, A.D., C.M. Swan, **J.S. Kominoski**, S.E. Dye. Non-additive effects of litter mixing are suppressed in a nutrient-enriched stream. **Oikos** 119:326-336. 2010
- Kominoski, J.S.**, C.M. Pringle. Resource-consumer diversity: testing effects of leaf litter species diversity on stream macroinvertebrate communities. **Freshwater Biology** 54:1461-1473. 2009
- Kominoski, J.S.**, T.J. Hoellein, J.J. Kelly, C.M. Pringle. Does mixing litter of different qualities alter stream microbial diversity and functioning on individual litter species? **Oikos** 118:457-463. 2009
- Kominoski, J.S.**, C.M. Pringle, B.A. Ball. Invasive woolly adelgid appears to drive seasonal hemlock and carcass inputs to a detritus-based stream. **Verhandlungen Internationale Vereinigung für theoretische und angewandte Limnologie** 30:109-112. 2008
- Ball, B.A., M.D. Hunter, **J.S. Kominoski**, C.M. Swan, M.A. Bradford. Consequences of non-random species loss for decomposition dynamics: Evidence for additive and non-additive effects. **Journal of Ecology** 96:303-313. 2008
- Kominoski, J.S.**, B.J. Mattsson, B. Rashleigh, S.L. Eggert. Using long-term chemical and biological indicators to assess stream health in the Upper Oconee River watershed. **Proceedings of the 2007 Georgia Water Resources Conference**, Athens, GA, USA. 2007
- Kominoski, J.S.**, P.A. Moore, R.G. Wetzel, N.C. Tuchman. Elevated CO₂ alters leaf-litter-derived dissolved organic carbon: effects on stream periphyton and crayfish feeding preference. **Journal of the North American Benthological Society**.26:662-671. 2007
- Kominoski, J.S.**, C.M. Pringle, B.A. Ball, M.A. Bradford, D.C. Coleman, D.B. Hall, M.D. Hunter. Nonadditive effects of leaf litter species diversity on breakdown dynamics in a detritus-based stream. **Ecology** 88:1167-1176. 2007
- Submitted/In Review/In Revision (7)**
- Kominoski, J.S.**, W. M. Wollheim, R. T. Barnes, E. R. Hotchkiss, A. J. Ulseth. Understanding organic carbon cycling throughout river networks to manage ecosystem services.
- Heffernan, J.B., P. Soranno, M. Angilletta, L. Buckley, W.K. Dodds, D. Gruner, T. Keitt, J. Kellner, **J.S. Kominoski**, A. Rocha, J. Xiao, T. Harms, S. Goring, L. Koenig, W. McDowell, H. Powell, A. Richardson, C. Stow, R. Vargas, K. Weathers. What is Macrosystems Ecology?
- Goring, S., K. Weathers, W.K. Dodds, P. Soranno, L. Sweet, K. Cheruvellil, **J.S. Kominoski**, J. Ruegg, A. Thorn, R. Utz. The collaborative culture of Macrosystems Ecology: optimizing participant benefits.
- Kominoski, J.S.**, C.M. Pringle, B.A. Ball, M.A. Bradford, D.C. Coleman, M.D. Hunter, B.J. Mattsson. Environmental conditions influence chemical and biological mechanisms of litter diversity effects on terrestrial and aquatic decomposition.
- Atwood, T.B. M. Kang, **J.S. Kominoski**, J.S. Richardson. Evidence of leaf-litter species specific isotope discrimination by a common stream detritivore.
- Ball, B.A., M.D. Hunter, **J.S. Kominoski**, C.M. Pringle, M.A. Bradford. Differential responses of litter and microbial carbon dynamics with simulated tree species loss in a coupled terrestrial and aquatic system.

Lovatt, C., **J.S. Kominoski**, T. Sakamaki, B. Macleod, J.S. Richardson. Leaf-litter leachate and light interactively influence autotrophic and heterotrophic components of stream biofilms.

TEACHING EXPERIENCE

Florida International University:

PCB 3043 General Ecology 2013-

University of Coimbra, Portugal:

Invited Instructor, Disturbed Streams: Hydrology, Ecology, and Management 2011

University of Georgia:

Guest Lecturer, ECOL 8322 Concepts & Approaches in Ecosystems Ecology 2011

Guest Lecturer, ECOL 3880H Ecosystems of the World 2011

Instructor of Record, ECOL 1000H/4160 Ecology of North America, Interdisciplinary Field Program 2006-

Developed course curriculum (ECOL 4160 Ecology of North America, Interdisciplinary Field Program) 2007

Guest Lecturer, ECOL 6310 Limnology 2006-2012

Graduate Laboratory Assistant, BIOL 1108 Organismal Biology 2006

Piedmont College:

Guest Lecturer, GEO 101 Physical Geology 2011, 2012

University of Michigan Biological Station:

Teaching Assistant, EEB 485 Ecology of Streams and Rivers 2003

Loyola University Chicago:

Teaching Assistant, BIOL 360 Restoration Ecology 2003

Teaching Assistant, BIOL 101 General Biology 2002

Guest Lecturer, BIOL 327 Wetland Ecology 2003

GRADUATE ADVISORY COMMITTEE

David Manning (Ecology, UGA), Kaitlin Farrell (Ecology, UGA) 2011-

UNDERGRADUATE ASSISTANTS SUPERVISED

David McDuffy (UGA), Langley Amburn (UGA), Katie Sechrist (UGA), Catherine Buschhaus (UBC), H el en Boulanger (UBC), Sarah Desrosiers (UBC), Graeme Grant (Simon Fraser), Kim Niddery (UBC), Ishwarya Chaitanya (UBC), Joanna Majarreis (UBC), Tracy Ng (UBC), Natalie Swift (UBC), Caitlin Ward (UGA), Charlotte Barat (UGA), Andy Smith (UGA), Emmanuel Obi (UGA), Christian Fox (UGA), Jessica Hillis-Bragdon (UGA), Jason Coombs (UGA) 2004-

HIGH SCHOOL ASSISTANTS SUPERVISED

Jonathon Striepen (Clarke Central, Athens, GA), Jakob Kagel (Clarke Central, Athens, GA) 2011

Jordan Coleman (Cedar Shoals, Athens, GA) 2012

UNDERGRADUATE RESEARCH SUPERVISED

Christina Lovatt, Brandon MacLeod, University of British Columbia, Canada 2008

Courtney Allen, University of Georgia, USA 2010

Keith Kinek, Bloomsburg University, University of Georgia, USA 2012

AWARDS

Best Applied Paper, Odum School of Ecology, University of Georgia (\$250) 2008

Student Travel Award, University of Georgia Graduate School (\$300) 2007

North American Benthological Society Presidents Award (\$600) 2007

Best Theoretical/Basic Paper, Institute of Ecology, University of Georgia (\$500) 2007

Student Travel Award, University of Georgia Graduate School (\$350) 2006

Student Travel Award, University of Georgia Graduate School (\$700) 2006

Student Travel Award, Institute of Ecology, University of Georgia (\$500) 2005

Best Doctorate Presentation, Graduate Student Symposium, Institute of Ecology, University of Georgia (\$200) 2004, 2005
2006

INVITED SEMINARS (16)**International**

Université de Toulouse, UPS, INP, EcoLab (Laboratoire d'écologie fonctionnelle), Toulouse, France	2010
Department of Plant Biology and Ecology, University of the Basque Country, Bilbao, Spain	2010
Department of Ecology, Faculty of Biology, University of Barcelona, Barcelona, Spain	2010
Department of Forest Sciences, University of British Columbia, Vancouver, BC, Canada	2009
Department of Zoology, University of British Columbia, Vancouver, BC, Canada	2008

USA

School of Agricultural, Forest, and Environmental Sciences, Clemson University, SC, USA	2013
Department of Biological Sciences, Virginia Tech, Blacksburg, VA, USA	2011
Department of Biological Sciences, Florida International University, Miami, FL, USA	2011
Department of Ecology & Evolutionary Biology, University of California, Santa Cruz, CA, USA	2011
Department of Biological Sciences, University of Alabama, Tuscaloosa, AL, USA	2011
Department of Biological Sciences, Florida International University, Miami, FL, USA	2011
Biology Department, College of the Holy Cross, Worcester, MA, USA	2010
Harvard Forest LTER, Petersham, MA, USA	2010
Department of Biological Sciences, Florida International University, Miami, FL, USA	2009
Environmental Studies Program, The Evergreen State College, Olympia, WA, USA	2009
School of Life Sciences, Arizona State University, Tempe, AZ, USA	2007
Department of Biological Sciences, Northern Arizona University, Flagstaff, AZ, USA	2007

MEETINGS AND SYMPOSIA (15)

NSF Long-term Ecological Research Working Group: "Synthesis of stream ecosystem responses to nutrient enrichment at multiple trophic levels", Boulder, CO, USA (Invited Participant)	2013-
NSF LTER Working Group: "Forecasting rates of stream leaf litter decomposition in response to inland climate change"(Co-organizer).	2011-
National Center for Ecological Analysis and Synthesis Working Group: "Water sustainability in the Cadillac Desert II", Santa Barbara, CA, USA (Invited Participant)	2011-2013
NSF LTER Continental Carbon Modeling Workshop, Santa Fe, NM, USA (Leader)	2010
NSF LTER Invertebrate Ecosystem Services Workshop, Harvard Forest LTER, Petersham, MA (Invited Participant)	2010
NSF LTER All-Scientists' Meeting workshop: "Quantifying carbon and nutrient transformations in aquatic ecosystems at regional to continental scales in response to environmental change" (Co-leader)	2009
Woodstoich: Ecological/Biological Stoichiometry Workshop, Kawatabi, Japan (Invited Participant)	2009
National Center for Ecological Analysis and Synthesis Working Group: "Water sustainability in the Cadillac Desert I", Santa Barbara, CA, USA (Invited Participant)	2008
National River Rally, Stevenson, WA, USA (Non-Profit Board Member Representative)	2007
NSF LTER Science Council Meeting (Graduate Student Representative)	
NSF LTER Workshop: "Terrestrial-Aquatic Cross-Site Synthesis", Kellogg Biological Station LTER, MI, USA (Leader)	2007
NSF LTER Graduate Student Collaborative Research Symposium, H.J. Andrews LTER, OR, USA (Graduate Student Representative)	2005
Riparian Subsidies Workshop, Sevilleta LTER, NM, USA (Invited Participant)	2004
Advanced Course on Decomposition in Freshwaters, University of Coimbra, Portugal (Invited Participant)	2004
Coweeta Hydrologic Laboratory LTER Annual Meeting, Otto, NC, USA (Invited Participant)	2004-2007

SCIENTIFIC CONFERENCES (26)**International**

Kominoski, J.S., L.B. Marczak, X. Pinto, J.S. Richardson. Riparian forest composition determines stream organic matter processing dynamics. American Society of Limnology & Oceanography Aquatic Sciences Meeting, Nice, France. 2009

Kominoski, J.S., C.M. Pringle, B.A. Ball. Quantitative assessment of eastern hemlock (*Tsuga canadensis*) litter and woolly adelgid (*Adelges tsugae*) carcass inputs to a detritus-based stream. 30th Congress of the International Association of Theoretical and Applied Limnology. Montreal, QB, Canada. 2007

USA

Kominoski, J.S., J.P. Benstead, A.D. Rosemond, D.W.P. Manning. Balancing stream metabolic demands for carbon and nutrients: N:P enrichment stimulates whole-stream heterotrophic metabolism despite a reduced carbon base. 60th Annual Society for Freshwater Science Meeting, Louisville, KY, USA. 2012

Rosemond, A.D., **J.S. Kominoski**, V. Gulis, J.P. Benstead. Thresholds in N and P concentration and ratio defined by carbon loss in streams. 60th Annual Society for Freshwater Science Meeting, Louisville, KY, USA. 2012

Manning, D.W.P., **J.S. Kominoski**, A.D. Rosemond, V. Gulis, J.P. Benstead. How do dissolved N:P ratios affect substrate-specific respiration rates in streams? 60th Annual Society for Freshwater Science Meeting, Louisville, KY, USA. 2012

Bumpers, P.M., A.D. Rosemond, J.C. Maerz, **J.S. Kominoski**, J.P. Benstead. Predicting effects of differing N:P enrichment ratios on two larval salamander species based on diet composition, life history, and stoichiometry. 60th Annual Society for Freshwater Science Meeting, Louisville, KY, USA. 2012

Follstad Shah, J., M. Ardon, **J.S. Kominoski**, W.K. Dodds, M.O. Gessner, N.A. Griffiths, S. Johnson, A. Lecerf, D.W.P. Manning, A. Rosemond. MASS LOSS: A quantitative synthesis of leaf decomposition in streams. 60th Annual Society for Freshwater Science Meeting, Louisville, KY, USA. 2012

Kominoski, J.S., J.P. Benstead, D.W.P. Manning, A.D. Rosemond. Baseline trophic state and stream ecosystem metabolism: predicting heterotrophic responses to nutrient enrichment. 59th Annual North American Benthological Society Meeting, Providence, RI, USA. 2011

Manning, D.W.P., **J.S. Kominoski**, A.D. Rosemond. Organic matter stoichiometry drives heterotrophic respiration in forested streams. 59th Annual North American Benthological Society Meeting, Providence, RI, USA. 2011

Kominoski, J.S., J.J. Follstad Shah. Foundation 'species' and terrestrial-aquatic linkages: effects of shifting plant composition at the aquatic-riparian interface. 58th Annual North American Benthological Society Meeting, Santa Fe, NM, USA. 2010

Larrañaga, S., **J.S. Kominoski**, J.S. Richardson. Does riparian forest composition influence resource-consumer stoichiometry dynamics and functioning in stream ecosystems? 58th Annual North American Benthological Society Meeting, Santa Fe, NM, USA. 2010

Atwood, T.B., M. Kang, **J.S. Kominoski**, J.S. Richardson. Influences of leaf litter quality on isotopic fractionation of carbon and nitrogen by the larval stonefly, *Zapada cinctipes*. 58th Annual North American Benthological Society Meeting, Santa Fe, NM, USA. 2010

Kominoski, J.S., L.B. Marczak, X. Pinto, J.S. Richardson. Terrestrial resource subsidies and aquatic food webs: forest composition and litter quality influence multi-trophic structure 2009

- and functioning in streams. 57th Annual North American Benthological Society Meeting, Grand Rapids, MI, USA.
- Rosemond, A.D., **J.S. Kominoski**. Predicting alterations in organic matter dynamics due to global change in freshwater ecosystems. 57th Annual North American Benthological Society Meeting, Grand Rapids, MI, USA. 2009
- Kominoski, J.S.**, C.M. Pringle, B.A. Ball, D.C. Coleman, M.D. Hunter, B.J. Mattsson. Litter processing in terrestrial and aquatic ecosystems: Importance of species composition and trait persistence. 93rd Annual Ecological Society of America Meeting, Milwaukee, WI, USA. 2008
- Kominoski, J.S.**, T.J. Hoellein, C.J. LeRoy, C.M. Pringle, C.M. Swan. Studies of stream organic matter processing advance the theoretical framework linking biodiversity and ecosystem function. 56th Annual North American Benthological Society Meeting, Salt Lake City, UT, USA. 2008
- Ball, B.A., M.A. Bradford, D.C. Coleman, M.D. Hunter, **J.S. Kominoski**, C.M. Pringle. Effects of leaf litter species richness and composition on nutrient dynamics and decomposer biota. 92nd Annual Ecological Society of America Meeting, San Jose, CA, USA. 2007
- Kominoski, J.S.**, C.M. Pringle. How does diversity of decomposing leaf litter affect changes in litter chemistry and associated macroinvertebrate assemblages in a detritus-based stream? 55th Annual North American Benthological Society Meeting, Columbia, SC, USA. 2007
- Kominoski, J.S.**, C.M. Pringle, B.A. Ball, M.A. Bradford, D.C. Coleman, D.B. Hall, M.D. Hunter. Positive, non-additive effects of species diversity on ecosystem function. LTER All Scientists Meeting, Estes Park, CO, USA. 2006
- Ball, B.A., **J.S. Kominoski**, M.D. Hunter, C.M. Pringle, D.C. Coleman, M.A. Bradford. The effects of leaf litter species diversity on decomposition in a forested watershed in the southern Appalachians. 91st Annual Ecological Society of America Meeting, Memphis, TN, USA. 2006
- Kominoski, J.S.**, C.M. Pringle, B.A. Ball, M.A. Bradford, D.C. Coleman, D.B. Hall, M.D. Hunter. Positive, non-additive effects of species diversity on ecosystem function. 91st Annual Ecological Society of America Meeting, Memphis, TN, USA. 2006
- Kominoski, J.S.**, C.M. Pringle, B.A. Ball, M.A. Bradford, D.C. Coleman, D.B. Hall, M.D. Hunter. Predicting functional effects of riparian tree species composition on leaf litter processing in a southern Appalachian headwater stream. 54th Annual North American Benthological Society Meeting, Anchorage, AK, USA. 2006
- Kominoski, J.S.**, B.A. Ball, C.M. Pringle, M.D. Hunter, D.C. Coleman. Effects of leaf litter species diversity on decomposition in a forested watershed in the southern Appalachians, U.S.A. 53th Annual North American Benthological Society Meeting, New Orleans, LA, USA. 2005
- Kominoski, J.S.**, B.A. Ball, C.M. Pringle, M.D. Hunter, D.C. Coleman. Effects of leaf litter species diversity on decomposition in a forested watershed. Southeastern Ecology and Evolution Conference, Athens, GA, USA. 2004
- Kominoski, J.S.**, N.C. Tuchman, P.A. Moore, C.G. Peterson, R.G. Wetzel. DOC derived from elevated CO₂-altered leaf litter: impacts on stream periphyton growth and community structure. 51th Annual North American Benthological Society Meeting, Athens, GA, USA. 2003
- Kominoski, J.S.**, N.C. Tuchman, P.A. Moore, C.G. Peterson, R.G. Wetzel. DOC derived from elevated CO₂-altered leaf litter: impacts on stream periphyton growth and community structure. Sigma Xi Student Forum, Loyola University Chicago, Chicago, IL, USA. 2002

MEDIA

National Science Foundation Press Release, LTER All Scientists Meeting, Estes Park, CO, USA.
http://www.nsf.gov/news/news_summ.jsp?cntn_id=107987&org=olpa&from=news

University of Georgia Press Release, Freshwater sustainability in Southwestern and Southeastern US. http://www.uga.edu/news/artman/publish/101213_freshwater.shtml

Atlanta Journal-Constitution, Op-Ed on Southeastern US freshwater sustainability.
http://www.ajc.com/opinion/entire-southeast-needs-a-784977.html?cxtype=rss_opinion_82093

National Science Foundation Press Release, Macrosystems Biology Grants
http://www.nsf.gov/news/news_summ.jsp?cntn_id=121279&org=BIO&from=news

University of Georgia Press Release, Interdisciplinary Field Program
http://www.ecology.uga.edu/newsItem.php?GPS_program_tracks_UGA_students_journey_across_U.S.-131/

National Science Foundation Press Release, Water Sustainability and Climate Grants
http://www.nsf.gov/news/news_summ.jsp?cntn_id=125434&WT.mc_id=USNSF_51&WT.mc_ev=click

University of Georgia Press Release, Ecologists to study freshwater sustainability across the Sun Belt
<http://sustainability.uga.edu/ecologists-to-study-freshwater-sustainability-across-the-sun-belt/>

Florida International University News, Researcher to explore sustainability of freshwater resources
<http://news.fiu.edu/2012/10/researcher-to-explore-sustainability-of-freshwater-resources/46672>

REVIEWING ACTIVITIES

Biogeochemistry (2), Canadian Journal of Fisheries and Aquatic Sciences (1), Ecological Research (2), Ecology (4), Ecological Applications (1), Ecology Letters (1), Ecosystems (1), Freshwater Biology (2), Freshwater Science (2), Fungal Diversity (1), Global Change Biology (2), Hydrobiologia (1), Israel Journal of Ecology and Evolution (2), Journal of Applied Ecology (1), Journal of Geophysical Research – Biogeosciences (2), Journal of the North American Benthological Society (3), Landscape Ecology (1), Limnology & Oceanography (1), National Science Foundation (2), Naturwissenschaften (1), Oecologia (2), Oikos (2), Plant Ecology (1), PLoS One (2)

SERVICE

Osher Lifelong Learning Institute, University of Georgia, Athens, GA, USA (instructor)	2010-2012
American Society for Limnology and Oceanography, Early Career Committee (appointed)	2011-
Society for Freshwater Science, Publications Committee Member (appointed position)	2012-
North American Benthological Society, Executive Committee Member (appointed position)	2008-2011
LTER Network, Graduate Student Co-Chair (elected position)	2006-2008
Upper Oconee Watershed Network, Athens, GA, USA; Board member (elected position)	2005-2008

PROFESSIONAL REFERENCES

Amy D. Rosemond, Associate Professor, Odum School of Ecology, University of Georgia,
Ecology Building, Athens, GA 30602, USA
Phone: 706.542.6365
Fax: 706.542.3344
Email: rosemond@uga.edu

John S. Richardson, Professor, Department of Forest Sciences, Department of Zoology,
University of British Columbia, 3041-2424 Main Mall, Vancouver, BC, V6T 1Z4, Canada
Phone: 604.822.6586
Fax: 604.822.9102
Email: john.richardson@ubc.ca

Catherine M. Pringle, Professor, Odum School of Ecology, University of Georgia,
308 Biological Sciences Building, Athens, GA 30602, USA
Phone: 706.542.1120
Fax: 706.542.3344
Email: cpringle@uga.edu

Nancy C. Tuchman, Professor, Director, Center for Urban Environmental Research and
Policy, Department of Biology, Loyola University Chicago, 6525 North Sheridan Road,
Chicago, IL 60626, USA
Phone: 773.508.2475
Fax: 773.508.8942
Email: ntuchma@luc.edu

Ted L. Gragson, Professor, Associate Director of the Sustainable Human Ecosystems
Laboratory, Principle Investigator Coweeta LTER, Department of Anthropology,
University of Georgia, 254 Baldwin Hall, Athens, GA 30602, USA
Phone: 706.542.1460
Fax: 706.542.3998
Email: tgragson@uga.edu

John L. Sabo, Associate Professor, School of Life Sciences, Arizona State University,
1711 South Rural Road, Tempe, AZ 85287, USA
Phone: 480.965.5904
Fax: 480.965.0098
Email: john.l.sabo@asu.edu

Dan L. Childers, Professor, School of Sustainability, Associate Director for Research
Development, Global Institute of Sustainability, Arizona State University
PO Box 875502, Tempe, AZ 85287, USA
Phone: 480.965.2320
Fax: 480.965.8087
Email: dan.childers@asu.edu