

Peer-reviewed publications:

- May, M.T. and T.B. Brackman (in review). Geophysical characterization of karst landscapes in Kentucky as modern analogs for paleokarst reservoirs: Interpretation (American Association of Petroleum Geologists & the Society Exploration Geophysicists joint publication) – thematic volume on karst to be publ. Aug. 2014.
- Anmala, J., O.W. Meier, A. Meier, and S. Grubbs (in press). A GIS and an Artificial Neural Network based water quality model for a stream network in upper Green River basin, Kentucky, USA. *Journal of Environmental Engineering*.
- Applegate, D. and E.L. Duke. 2013. Archaeological Evidence of Historic Mining at Forestville Saltpeter Cave (15Ht94), Hart County, Kentucky. In *Proceedings of the 10th Mammoth Cave National Park Research Symposium*, edited by S. Trimboli, pp. 109-117. Mammoth Cave National Park, KY.
- Wigginton, S.K., J.R. Edwards, N.L. Roof, H.A. Steinhaus, S.D. Milesko, J.D. Webb, S.A. Bryant, J.K. Binion, E.L. Smith, B.E. Tinsley, M.D. Penick, S.A. Grubbs, and A.J. Meier. 2013. Testing the influence of *Podostemum ceratophyllum* on nutrient and sestonic Algal Levels. *Proceedings of the 14th Symposium on the Natural History of Lower Tennessee and Cumberland River Valleys*. Center of Excellence for Field Biology, Austin Peay State Univ., Clarksville, Tenn.
- Hamilton, C., T.A. Hulse, and A.J. Meier. 2013. A comparison between avian communities in fescue fields and tall grass plantings within the Green River Conservation Reserve Enhancement Program, Kentucky. *Proceedings of the 14th Symposium on the Natural History of Lower Tennessee and Cumberland River Valleys*. Center of Excellence for Field Biology, Austin Peay State Univ., Clarksville, Tenn.
- Penick, M.D., S.A. Grubbs, and A.J. Meier. 2012. Algal biomass accrual in relation to nutrient availability along a longitudinal gradient of a riverine system. *International Aquatic Research* 4:20.
- Hulse, T.A. and A.J. Meier. 2011. A record of *Cyrtomium fortunei* J. Sm. in Kentucky with comments on the spread of this exotic species in the southeastern United States. *Castanea* 76: 427–428.
- Marcus, J.M., T.M. Hughes, D. McElroy, and R.E. Wyatt. 2010. Engaging first year undergraduates in hands-on research experiences: the Upper Green River Barcode of Life Project. *Journal of College Science Teaching* 39:39-45.
- Grubbs, S.A., O.D. Meier, and A.J. Meier. 2010. Assessing the influence of watershed-and reach-scale environmental variables on the speciose darter (Percidae: Etheostoma, Percina) assemblage of a central Kentucky (U.S.A.) landscape. *Verhandlungen Internationale Vereinigung für theoretische und angewandte Limnologie* 30 (10): 1482–1486.
- Ngulo, E. and S.A. Grubbs. 2010. Relationships between crayfish abundance patterns and environmental variables across two spatial scales in a central Kentucky river basin, USA. *Journal of Freshwater Ecology* 26: 285–295.
- Marcus, J.M., D.D. Bell, A.N. Bryant, E.C. Burden, M.E. Carter, T.J. Cataldo, K.R. Clark, H.E. Compton, L.S. DeJarnette, V.B. Faulkner, R.W. Gregory, J.R. Hall, L.N. Houchin, M.E. Hudson, P.F. Jenkins, J.M. Jordan, B.K. Logan, N.R. Long, H.F. Maupin, S.R. McIntyre, J.K. Mitchell, J.K. Mobley, A.N. Nehus, B.N. Potts*, C.R. Read, K.N. Slinker, C.E. Thompson, T.M. Hughes, D. McElroy, and R.E. Wyatt. 2009. The Upper Green River Barcode of Life Project. *Journal of the Kentucky Academy of Science* 70: 75-83.
- Applegate, D. 2008. Archaeology of the Upper Green River Biological Preserve, Hart County, Kentucky. *Current Archaeological Research in Kentucky Volume 15*. Kentucky Heritage Council, Frankfort.
- Grubbs, S.A., O.W. Meier, and A.J. Meier. 2007. Longitudinal patterns of fish assemblages in small unregulated subbasins: evaluating reach- and watershed-scale parameters. *Hydrobiologia* 592:211–223.
- Grubbs, S.A. and J.M. Taylor. 2004. The influence of flow impoundment and river regulation on the distribution of riverine macroinvertebrates at Mammoth Cave National Park, Kentucky, U.S.A. *Hydrobiologia* 520: 19–28.

Master's Theses

- Yates, J.M. 2012. Influences of a *Cladophora* bloom on the diets of *Amblema plicata* and *Elliptio dilatata* in the upper Green River, Kentucky. Masters Theses & Specialist Projects. Paper 1221. <http://digitalcommons.wku.edu/theses/1221>
- Eldridge, J.D. 2011. A comparison of current anuran monitoring methods with emphasis on the accuracy of automatic vocalization detection software. Masters Theses & Specialist Projects. Paper 1122. <http://digitalcommons.wku.edu/theses/1122>
- Penick, M.D. 2010. Algal biomass accrual in relation to nutrient availability along a longitudinal gradient in the upper Green River, Kentucky. Masters Theses & Specialist Projects. Paper 190. <http://digitalcommons.wku.edu/theses/190>
- Racke, D. 2010. Reestablishing diversity in our hardwood forests: a transplant study of five spring-flowering herbs. Masters Theses & Specialist Projects. Paper 195. <http://digitalcommons.wku.edu/theses/195>
- Trimboli, S.R. 2010. A comparison of the singing activity of Carolina Wrens (*Thryothorus ludovicianus*) in urban and rural settings. Masters Theses & Specialist Projects. Paper 173. <http://digitalcommons.wku.edu/theses/173>
- Schmidt, B.V. 2009. A comparative ecological study of two sister species of darters in Kentucky, *Etheostoma kantuckeense* and *Etheostoma lawrencei*. Masters Theses & Specialist Projects. Paper 76. <http://digitalcommons.wku.edu/theses/76>
- Wilsey, J. 2008. Longitudinal variation in fish community structure along the upper Green River below the Green River Lake. Masters Theses & Specialist Projects. Paper 387. <http://digitalcommons.wku.edu/theses/387>
- Herrera, J. 2007. Quaternary alluvial deposition in the upper Green River valley, Kentucky. Masters Theses & Specialist Projects. Paper 422. <http://digitalcommons.wku.edu/theses/422>
- Ngulo, E. 2007. The environmental factors regulating the distribution of crayfish in the upper Green River basin Kentucky, USA. Masters Theses & Specialist Projects. Paper 411. <http://digitalcommons.wku.edu/theses/411>
- Clark, J. 2005. The effects of USDA Farm-Bill Restoration Programs on prairie voles (*Microtus ochrogaster*) in the barrens region of Kentucky. Masters Theses & Specialist Projects. Paper 492. <http://digitalcommons.wku.edu/theses/492>
- Starnes, J.H. 2004. Effects of management and population size on genetic diversity of Eggert's Sunflower (*Helianthus eggertii*; Asteraceae). Masters Theses & Specialist Projects. Paper 234. <http://digitalcommons.wku.edu/theses/234>

Undergraduate Honors Theses

- Tinsley, B.E. 2012. The ecological roles of *Podostemum ceratophyllum* and *Cladophora* in the habitat and dietary preferences of the riverine caddisfly *Hydropsyche simulans*. Honors College Capstone Experience/Thesis Projects. Paper 359. http://digitalcommons.wku.edu/stu_hon_theses/359
- Hulsey, T.A. 2011. Avian abundance and diversity in CREP and fescue fields in summer and winter related to vegetation structure in the upper Green River watershed, KY. Honors College Capstone Experience/Thesis Projects. http://digitalcommons.wku.edu/stu_hon_theses/
- Wilder, M. 2011. Prescribed fire effects on the summer and fall herbs of mesic deciduous forests. Honors College Capstone Experience/Thesis Projects. Paper 319. http://digitalcommons.wku.edu/stu_hon_theses/319
- Marquardt, J.R. 2010. Molecular tools for understanding the population genetic effects of habitat restoration on butterflies. *Honors College Capstone Experience/Thesis Projects*. Paper 250. http://digitalcommons.wku.edu/stu_hon_theses/250
- Hamilton, C.L. 2009. The influence of spatial scale on landcover and avian community relationships within the upper Green River watershed, KY. Honors College Capstone Experience/Thesis Projects. Paper 154. http://digitalcommons.wku.edu/stu_hon_theses/154

GRP Presentations

- Malloy, E., S.A. Grubbs, A.J. Meier. 2013. Trophic dynamic interactions in a temperate river: a comparison between high and lower karst flow reaches. Ecological Society of America, Minneapolis, MN.

- Malloy, E., S.A. Grubbs, A.J. Meier. 2013. Trophic dynamic interactions in a temperate river: a comparison between high and lower karst flow reaches. Kentucky Academy of Science, Morehead, KY.
- Grandinetti, M.E., D.L. Rockrohr, S.A. Grubbs and A.J. Meier. 2013. Decay rates, macroinvertebrate colonization patterns, and stable isotopic signatures of riverine *Cladophora*. Kentucky Academy of Science, Morehead, KY.
- Applegate, D. and E.L. Duke. 2013. Archaeological Evidence of Historic Mining at Forestville Saltpeter Cave (15Ht94), Hart County, Kentucky. Poster presented at the 10th Mammoth Cave National Park Research Symposium, Mammoth Cave National Park, February 2013.
- Meier, O., C. Johanson, and Upper Green River Watershed Watch volunteers. 2013. Upper Green River Watershed Watch: 2012 data review. Upper Green River Watershed Watch conference, February 2013.
- Meier, O.W. and C. Johanson. 2012. Modeling riparian buffer restoration impacts on water quality in the upper Green River watershed of Kentucky and Tennessee. Ecological Society of America, Portland, OR.
- Malloy, E.M., A.J. Meier, V.A. Gilkison, S. Grubbs and J.M. Yates. 2012. Stable isotopic analysis of the Upper Green River in Hart County, Kentucky. Ecological Society of America, Portland, OR.
- Meier, A.J., D.R. Kem and M.M. Wilder. 2012. The effects of fire on the vernal herbs of an eastern mesic forest. Ecological Society of America, Portland, OR.
- Mikulcik, A. and A. Meier. 2012. Effects of fire on late summer herbaceous plants in mesic deciduous forests: Two years later. Kentucky Academy of Science, Richmond, KY.
- Meier, A.J. and J. Pickering. 2012. Kentucky Natural History Survey: A Proposal to the Kentucky Academy of Science. Kentucky Academy of Science, Richmond, KY.
- Malloy, E., V. Gilkison, J. Yates, A. Meier and S. Grubbs. 2012. Food web analysis of an autumn riverine macroinvertebrate community. Kentucky Academy of Science, Richmond, KY.
- Applegate, D. and E.L. Duke. 2012. Archaeological Evidence of Historic Mining at Forestville Saltpeter Cave (15Ht94), Hart County, Kentucky. Paper presented at the 29th Annual Kentucky Heritage Council Archaeology Conference, Mammoth Cave National Park, March 2012.
- Meier, O., C. Johanson, and Upper Green River Watershed Watch volunteers. 2012. Upper Green River Watershed Watch: 2011 data review. Upper Green River Watershed Watch conference, February 2012.
- Racke, D.M. and A.J. Meier, A. J. 2011. Environmental factors that differentially affect the life stages of small forest herbaceous populations. Ecological Society of America, Austin, TX.
- Missik, J.E., A.J. Meier, B. Kessler, S.R. Borrett, and M. Bartley. 2011. Influences of microbial loops on connectivity of foodweb networks. Ecological Society of America, Austin, TX.
- Eldridge, J., P. do Amaral, A.J. Meier, R. Bowker, R. Marquez. 2011. Measuring anuran population dynamics using a combination of automatic call recognition software and conventional field survey methods Kentucky Academy of Science, Murray, KY (first place, zoology section).
- Newton, M., A. Meier, O. Meier, and J. Eldridge. 2011. An Analysis of Call Frequencies Based on Time of Day and Habitat for Seven Species of Anurans. Kentucky Academy of Science, Murray State University, November 2011 (3rd place winner, student competition)
- Tinsley, B.E., S.A. Grubbs, and A.J. Meier. 2011. The role of *Podostemum ceratophyllum* in providing habitat for net-spinning caddisflies. Kentucky Academy of Science, Murray State University, Murray, KY, November 2011.
- Yates, J.M., S.A. Grubbs, and A.J. Meier. 2011, Influences of a *Cladophora* Bloom on the diets of *Elliptio dilatata* and *Amblyma plicata* in the Upper Green River, Kentucky. Kentucky Academy of Science, Murray State University, Murray, KY, November 2011
- Meier, O.W. and C. Johanson. 2011. Modeling the Impacts of Riparian Buffer Restoration on Water Quality in the Upper Green River Watershed of Kentucky. Ecological Society of America, Portland, OR, August 2011.
- Meier, O., C. Johanson, and Upper Green River Watershed Watch volunteers. 2011. Upper Green River Watershed Watch: a 10-year data review. Annual Upper Green River Watershed Water conference, February 2011.

- Wigginton, S.K., J.R. Edwards, N.L. Roof, H.A. Steinhaus, S.D. Milesko, J.D. Webb, S.A. Bryant, J.K. Binion, E.L. Smith, B.E. Tinsley, M.D. Penick, S.A. Grubbs, and A.J. Meier. 2011. 14th Symposium on The Natural History of Lower Tennessee and Cumberland River Valleys, Land Between-The-Lakes, March 2011.
- Edwards, J.R., N.L. Roof, H.A. Steinhaus, S. D. Milesko, J.D. Webb, S.A. Bryant, S.K. Wigginton, J.K. Binion, E.L. Smith, B.E. Tinsley, M.D. Penick, S.A. Grubbs, and A.J. Meier. 2010 An assessment of the influence of *Podostemum ceratophyllum* on nutrient and sestonic algal levels in the Green River, Kentucky. Kentucky Academy of Science, Western Kentucky University, Bowling Green, KY, November 2010.
- Shearer, J.M., B.E. Tinsley, M.D. Penick, S.A. Grubbs, and A.J. Meier. 2010, Initial findings on the influence of filamentous algae on riverine nutrients and sestonic algae. Kentucky Academy of Science, Western Kentucky University, Bowling Green, KY, November 2010.
- Tinsley, B.E, J.M. Shearer, M.D. Penick, S.A. Grubbs, and A.J. Meier. 2010. Influence of filamentous algae on nutrient and sestonic algal levels in the Green River, Kentucky. Kentucky Academy of Science, Western Kentucky University, Bowling Green, KY, November 2010.
- Grubbs, S.A. 2010. Monitoring riverine conditions in Kentucky's Upper Green River Basin: patterns and trends. CREP Partnership Meeting, Western Kentucky University, Bowling Green, May 2010.
- Penick, M.D., A.J. Meier, and S.A. Grubbs. 2010. Why is the Green River still green? Algal biomass accrual in relation to available nutrient availability in the Upper Green River, Kentucky. The Nature Conservancy- Upper Green River Conference, Campbellsville University, Campbellsville, KY, April 2010.
- Meier, O., P. Lienesch, A. Meier, and Upper Green River Watershed Watch volunteers. 2010. Upper Green River Watershed Watch: 2009 Data Review. Upper Green River Watershed Watch conference, February 2010.
- Penick, M.D. and S.A. Grubbs. 2009. Why is the Green River still green? Algal biomass accrual in relation to available nutrient availability in the Upper Green River, Kentucky. Kentucky Academy of Science, Northern Kentucky University, Covington, KY, November 2009.
- Schmidt, B.V. and S.A. Grubbs. 2009. A comparative ecological study of two sister species of darters in Kentucky. American Fisheries Society, Nashville, TN, September 2009.
- Meier, O.W., A.J. Meier, and S. Grubbs. 2009. Influences of the Conservation Reserve Enhancement Program on the upper Green River watershed in Kentucky. Ecological Society of America, Albuquerque, NM, August 2009.
- Meier, O., and A. Meier. 2009. Habitat Conservation: the Upper Green River Biological Preserve. Campus-Community Partnerships in Sustainability Conference – seminar and field trip, Western Kentucky University.
- Penick, M.D. and S.A. Grubbs. 2009. Why is the Green River green? An assessment of algal biomass and nutrient levels along a longitudinal gradient in the Upper Green River. North American Benthological Society, Grand Rapids, MI, May 2009.
- Applegate, D. 2009. The Archaeology of the Upper Green River Biological Preserve, Hart County, Kentucky. Paper presented at the 26th Annual Kentucky Heritage Council Archaeological Conference, Murray State University, March 2009.
- Meier, O. 2008. Upper Green River Watershed Watch 2008 data review. Upper Green River Watershed Watch annual conference, December 2008.
- Otoo, J., S. Kenworthy, M. May, L. Florea, O. Meier, and C. Hollon. 2008. Suspended sediment transport dynamics and sediment yields in relation to watershed characteristics, upper Green River Basin, Kentucky. American Geophysical Union, San Francisco, CA, December 2008.
- Penick, M.D. and S.A. Grubbs. 2008. Why is the Green River green? An assessment of algal biomass and nutrient levels along a longitudinal gradient in the Upper Green River. Kentucky Academy of Science, Lexington, KY, November 2008.
- Schmidt, B.V. and S.A. Grubbs. 2008. A comparative ecological study of two disjunct, congeneric species of darters in Kentucky: *Etheostoma kantuckeense* and *E. lawrencei*. Kentucky Academy of Science, Lexington, KY, November 2008.

- Schmidt, B.V. and S.A. Grubbs. 2008. A comparative ecological study of two disjunct, congeneric species of darters in Kentucky: *Etheostoma kantuckeense* and *E. lawrencei*. Southeastern Fishes Council, Chattanooga, TN, November 2008.
- Grubbs, S.A. 2008. Kentucky's Upper Green River Basin: an assessment overview of biotic and ecological integrity. Kentucky Governor's Conference for the Environment, Lexington, KY, October 2008 (Invited Presentation)
- Grubbs, S.A. 2008. Fish assemblage relationships to watershed- and reach-scale environmental variables in a U.S.D.A. Conservation Reserve Enhancement Program landscape in central Kentucky, U.S.A. Ecological Society of America, Milwaukee, WI, August 2008.
- Hulsey, A., W. Mason, C.L. Hamilton, and A.J. Meier. 2008. Avian community composition within tallgrass plantings and pastures in the Upper Green River watershed, Kentucky. Ecological Society of America, Milwaukee, WI, August 2008.
- Meier, A.J., J.L. Bowers, C.L. Hamilton, A. Hulsey, R. Márquez, M. Skaggs, and O. Meier. 2008. Use of SongScope sound recognition software in the identification of breeding bird communities along the Upper Green River Watershed, Kentucky. Ecological Society of America, Milwaukee, WI, August 2008.
- Skaggs, M., J.L. Bowers, A.J. Meier, C.L. Hamilton, T.A. Hulsey, and O. Meier. 2008. Influences of land use, habitat scale, and weather on bird calling activity. Society for Conservation Biology, Chattanooga, TN, July 2008.
- Meier, O., A.J. Meier, S. Grubbs, and S. Kenworthy. 2008. Landuse changes and stream conditions in the Green River watershed: overview and impacts of the Conservation Reserve Enhancement Program. Society for Conservation Biology, Chattanooga, TN, July 2008.
- Grubbs, S.A. 2008. Fish assemblage relationships to watershed- and reach-scale environmental variables in a U.S.D.A. Conservation Reserve Enhancement Program landscape in central Kentucky, U.S.A. North American Benthological Society, Salt Lake City, UT, June 2008.
- Bowers, J.L., A.J. Meier, C.L. Hamilton, A. Hulsey, R. Márquez, M. Skaggs, and O. Meier. 2008. Influence of land use, habitat scale, and weather on bird-calling activity, an update. Kentucky Chapter of the Wildlife Society, Mammoth Cave National Park, KY, February 2008 (First Place, Student competition).
- Hamilton, C., A.J. Meier, A. DaTillo, and P. Lawless. 2008. Community influences of tall grass restoration in the upper Green River Watershed. Kentucky Chapter of the Wildlife Society, Mammoth Cave National Park, KY, February 2008 (Second Place in the student competition).
- Hulsey, A.T., C.L. Hamilton, W. Mason, and A.J. Meier. 2008. Pastures and tall grass plantings influence avian community composition within the upper Green River Watershed, Kentucky. Kentucky Chapter of the Wildlife Society, Mammoth Cave National Park, KY, February 2008.
- Meier, O. 2008. CREP Monitoring and Research in Western Kentucky. Kentucky Chapter of the Wildlife Society, Mammoth Cave National Park, KY, February 2008.
- Meier, A.J. 2008. Conservation research in Kentucky. Kentucky Conservation Association (Invited Speaker).
- Claus, L. and S.A. Grubbs. 2007. Watershed- and reach-scale influences on macroinvertebrate assemblages in the Upper Green River Basin. Kentucky Academy of Science, University of Louisville, Louisville, KY, November 2007.
- Grubbs, S.A. 2007. Stream fishes in Kentucky's Upper Green River Basin: an assessment of the influence of watershed- and reach-scale environmental variables. Southeastern Fishes Council, Chattanooga, TN, November 2007.
- Grubbs, S.A. 2007. Stream fishes in Kentucky's Upper Green River Basin: an assessment of the influence of watershed- and reach-scale environmental variables. Kentucky Academy of Science, University of Louisville, Louisville, KY, November 2007.
- Hamilton, C.L., A.J. Meier, and W. Mason. 2007. Influences of pastures and CREP tall grass plantings on avian community composition. Kentucky Academy of Science, University of Louisville, Louisville, KY, November 2007.
- Hamilton, C.L., A.J. Meier, A. Da Tillo, and P. Lawless. 2007. A comparison of the vegetation communities of hayfields, barrens, and restored grasslands in the Upper Green River watershed., Kentucky Academy of Science, University of Louisville, Louisville, KY, November 2007.

- Schmidt, B.V. and S.A. Grubbs. 2007. Fish assemblage patterns in relation to environmental parameters in the Upper Barren River Basin of Kentucky, with emphasis on the distribution of *Etheostoma kantuckeense*. Kentucky Academy of Science, University of Louisville, Louisville, KY, November 2007.
- Skaggs, M.G., C. Hamilton, J. Bowers, A. Hulse, A. Meier, and O. Meier. 2007. Influences on landscape effects on birds calling. Kentucky Academy of Science, University of Louisville, Louisville, KY, November 2007.
- Wilsey, J. and S.A. Grubbs. 2007. Longitudinal variation in fish community along the Upper Green River below the Green River Lake: Assessing the influence of habitat and thermal variability. Kentucky Academy of Science, University of Louisville, Louisville, KY, November 2007.
- Kenworthy, S. 2007. Effects of a flood control reservoir on hydrology and channel morphology of the Green River of Kentucky. Geological Society of America, Denver, CO, October, 2007.
- Cambron, M., R. Marquez, J. Bowers, A. Meier, and R.G. Bowker. 2007. An automated digital sound recording system: The Amphibulator. International Bioacoustics Congress, Pavia, ITALY, September 2007.
- Meier, A., O. Meier, J. Bowers, C. Hamilton, M. Skaggs, R. Marquez, and R. Bowker. 2007. Acoustic monitoring of bird species in a riparian zone in Kentucky using an automated recording system. International Bioacoustics Congress, Pavia, ITALY, September 2007.
- Bowers, J., C. Hamilton, A. Meier, and Ouida Meier. 2007. Influences of Land Use, Scale, and Weather on Birds Calling. NRCS Field Day Poster, Hiseville, KY, August 2007.
- Grubbs, S.A., O.D. Meier, and A.J. Meier. 2007. Influence of watershed- and reach-scale environmental variables on the speciose darter assemblage of a central Kentucky (U.S.A.) landscape. International Society of Limnology, Montreal, PQ, CANADA, August 2007.
- Hamilton, C., J. Bowers, A. Hulse, A. Meier, and O. Meier. 2007. Bioacoustic analysis of CREP landscape effects on avian communities. NRCS Green River CREP Field Day Poster, Hiseville, KY, August 2007.
- Hamilton, C., A.J. Meier, A. DaTillo, and P. Lawless. 2007. Similarities between the vegetation of CREP tall grass plantings and native barrens. NRCS Field Day Poster, Hiseville, KY, August 2007.
- Hamilton, C.L., A.J. Meier, and P. Lawless. 2007. Tall grass restorations influence communities in the Upper Green River Watershed. Ecological Society of America, San Jose, CA, August 2007.
- Meier, O. W., B. Hughes, M. Miller, and K. MacDonald. 2007. Initial GIS Assessment of Riparian Corridor Characteristics and Environmental Variables Along the Upper Green River in Kentucky. NRCS Field Day Poster, Hiseville, KY, August 2007.
- Meier, O.W., A.J. Meier, S.A. Grubbs, and S. Kenworthy. 2007. Restoration of agricultural land to riparian buffer in the upper Green River watershed of Kentucky; restoration ecology of riparian habitats. Ecological Society of America, San Jose, CA, August 2007.
- Grubbs, S.A., O.D. Meier, and A.J. Meier. 2007. Lotic fish assemblages in Kentucky's Upper Green River Basin: implications of watershed size and land-use patterns. North American Benthological Society, Columbia, SC, June 2007.
- Grubbs, S.A., O.D. Meier, and A.J. Meier. 2007. Lotic fish assemblages in Kentucky's Upper Green River Basin: implications of watershed size and land-use patterns. The Nature Conservancy-Upper Green River Conference, Campbellsville, KY, April 2007.
- Meier, O., W. Christopher, and Upper Green Watershed Watch volunteers. 2007. Upper Green River Watershed Watch: 2006 data review. Upper Green Watershed Watch conference. February 2007.
- Bowers, J., C. Hamilton, O. Meier, A. Meier, and B. Miriam. 2006. Influences of land use, scale, and weather on bird acoustic signaling. Kentucky Academy of Science, Morehead University, Morehead, KY, November 2006.
- Grubbs, S.A., O.D. Meier, and A.J. Meier. 2006. Lotic fish assemblages in Kentucky's Upper Green River Basin: implications of watershed size and land-use patterns. Kentucky Academy of Science, Morehead University, Morehead, KY, November 2006.

- Hamilton, C., J. Bowers, O. Meier, A. Meier, and B. Miriam. 2006. Monitoring riparian bird community composition using acoustic autosampling: significance of adjacent land use? Kentucky Academy of Science, Morehead University, Morehead, KY, November 2006 (Third place, Undergraduate Oral Presentation, Ecology and Environmental Sciences)
- Ngulo, E. and S.A. Grubbs. 2006. Assessing relationships between lotic crayfish assemblages and environmental variables of central Kentucky's Upper Green River Basin. Kentucky Academy of Science, Morehead University, Morehead, KY, November 2006.
- Kenworthy, S. 2006. Water and suspended solids flux monitoring in a karst conduit, Turnhole Spring Basin, Mammoth Cave, Kentucky. Geological Society of America, Philadelphia, PA, October 2006.
- Trodick, C., and S. Kenworthy. 2006. Sediment fluxes from Pitman Creek, a tributary of the Green River in western Kentucky. Geological Society of America, Philadelphia, PA, October 2006.
- Bowers, J., A.J. Meier, and O.W. Meier. 2006. Influences of land use, scale, and weather on birds calling. International Society for Environmental Information Sciences, Bowling Green, KY, August 2006.
- Grubbs, S.A., O.D. Meier, and A.J. Meier. 2006. Longitudinal patterns of fish assemblages in small unregulated subbasins: evaluating reach- and watershed-scale parameters. Ecological Society of America, Memphis, TN, August 2006.
- Meier, O.W., B. Hughes, M. Miller, and K. MacDonald. 2006. Initial GIS assessment of riparian corridor characteristics and environmental variables along the upper Green River in Kentucky. International Society for Environmental Information Sciences, Bowling Green, KY, August 2006
- Meier, O.W., A.J. Meier, and S.A. Grubbs. 2006. Many datasets, one watershed: analyzing patterns at multiple spatial and temporal scales. International Society for Environmental Information Sciences, Bowling Green, KY, August 2006
- Meier, O.W., A.J. Meier, and S.A. Grubbs. 2006. Landuse and stream conditions in the upper Green River watershed of Kentucky. Ecological Society of America, Memphis, TN, August 2006.
- Meier, O.W. 2006. Assessing changes across spatial and temporal scales due to conservation practices associated with the Kentucky Conservation Reserve Enhancement Program in the Upper Green River Basin. Soil and Water Conservation Society, Bluegrass chapter members, business meeting at Kentucky Association of Conservation Districts annual meeting, Owensboro, KY, July 2006.
- Meier, O.W., B. Hughes, M.Z. Miller, and K. MacDonald. 2006. Initial GIS assessment of riparian corridor characteristics and environmental variables along the upper Green River in Kentucky. Kentucky GIS Conference, July 2006.
- Meier, O.W. 2006. Assessing changes across spatial and temporal scales due to conservation practices associated with the Kentucky Conservation Reserve Enhancement Program in the Upper Green River Basin. CREP training for personnel in expanded CREP area: overview of monitoring and analysis work, June 2006.
- Kenworthy, S. 2006. Longitudinal and local variability in streambed habitat characteristics, upper Green River, Kentucky. American Geophysical Union Joint Assembly, Baltimore, MD. May 2006.
- Grubbs, S.A. 2006. Constancy of riverine macroinvertebrates at Mammoth Cave National Park. The Nature Conservancy-Upper Green River Conference, Campbellsville University, Campbellsville, KY, April 2006.
- Hughes, B. and O.W. Meier. 2006. A GIS assessment of riparian corridor characteristics and environmental variables along the upper Green River in Kentucky. Sigma Xi Student Conference, Western Kentucky University, Bowling Green, KY, April 2006.
- MacDonald, K. and O.W. Meier. Upper Green River Watershed Watch data analysis. Sigma Xi Student Conference, Western Kentucky University, Bowling Green, KY, April 2006.
- Kenworthy, S. 2006. Sediment monitoring efforts in the Upper Green River Basin in support of the Kentucky Conservation Reserve Enhancement Program. Kentucky Water Resources Research Institute Annual Symposium, Lexington, KY, March 2006.
- Rehkopf, S. 2006. Geomorphological effects downstream of the Green River Lake Dam, Green River, south central Kentucky. Association of American Geographers Annual Meeting, Chicago, IL, March 2006.

- Meier, O.W. and K. MacDonald. 2006. Upper Green River Watershed Watch 2005 Data Review. Upper Green River Watershed Watch Annual Conference, February 2006.
- McCadney, D. and O.W. Meier, 2006. Upper Green River Watershed Watch Data Review: Fecal Coliform Patterns, 1999-2005. Upper Green River Watershed Watch Annual Conference, February 2006.
- Butler, J.M., A.J. Meier, O.W. Meier, and B. Hughes, 2005. Bank characteristics and the occurrence of erosion slumps in the Green River, central Kentucky. Kentucky Academy of Science, Eastern Kentucky University, Richmond, KY, November 2005 (First Place, Student Poster, Ecology and Environmental Sciences).
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