

Publication

Rosenquist, S.E., J.W. Moak, and O.P. Flite. 2013. Modeling biochemical oxygen demand through the Middle and Lower Savannah River Basin. *Journal of the American Water Resources Association*.

Conference Presentations (With Papers)

2015

Flite, O.P., S.E. Rosenquist, M.R. Erickson, C. Nestell-Fabillar, E.N. Hobbs, K. Laymon, D. L. Mullis, and J.W. Moak. 2015. Preliminary assessment of organic material flux in the Ogeechee River system: a Lagrangian perspective. In, *Proceedings of the 2015 Georgia Water Resources Conference*, April 28-29, 2015. University of Georgia. Athens, GA.

Flite, O.P., S.E. Rosenquist, M.R. Erickson, C. Nestell-Fabillar, E.N. Hobbs, K. Laymon, D. L. Mullis, and J.W. Moak. 2015. Summary of comparison of continuous sonde data from the Ogeechee and Savannah River Basins. In, *Proceedings of the 2015 Georgia Water Resources Conference*, April 28-29, 2015. University of Georgia. Athens, GA.

Flite, O.P., S.E. Rosenquist, M.R. Erickson, C. Nestell-Fabillar, E.N. Hobbs, K. Laymon, D. L. Mullis, and J.W. Moak. 2015. Biochemical oxygen demand in the Savannah River Basin: results from ten years of research. In, *Proceedings of the 2015 Georgia Water Resources Conference*, April 28-29, 2015. University of Georgia. Athens, GA.

Mullis, D.L., J.W. Moak, C. Nestell-Fabillar, K. Laymon, E.N. Hobbs, B.S. Metts, M.R. Erickson, and O.P. Flite. 2015. A comparison of macroinvertebrate communities within two southeastern rivers. In, *Proceedings of the 2015 Georgia Water Resources Conference*, April 28-29, 2015. University of Georgia. Athens, GA.

2013

Flite, O.P., S.E. Rosenquist, and J.W. Moak. 2013. Changing our perspective to increase our understanding of basic aquatic ecosystem function. In, *Proceedings of the 2013 Georgia Water Resources Conference*, April 10-11, 2013. University of Georgia. Athens, GA. Extended abstract.

Rosenquist, S.E., J.W. Moak, and O.P. Flite. 2013. High density Lagrangian sampling for pathogen source identification. In, Proceedings of the 2013 Georgia Water Resources Conference, April 10-11, 2013. University of Georgia. Athens, GA. 4 p.

2010

Flite, O.P., P. Smith, A. Green, and J.W. Moak. 2010. Dynamics of oxygen demand within the middle and lower Savannah River basins. South Carolina Water Resources Conference, October 13-14, 2010. Columbia, SC. 4 p.

Moak, J.W., B.S. Metts, S.A. Sefick, G.W. Eidson, and O.P. Flite. 2010. Results of a two-year intensive water quality study of the middle and lower Savannah River Basin. South Carolina Water Resources Conference, October 13-14, 2010. Columbia, SC. 5 p.

Rosenquist, S.E., J.W. Moak, A.D. Green, O.P. Flite. 2010. Understanding hydrologic variation through time-series analysis. South Carolina Water Resources Conference, October 13-14, 2010. Columbia, SC. 4p.

2008

Flite, O.P., G.W. Eidson, J.W. Moak, B.S. Metts, and S. Sefick. 2008. Overview of stable isotope results from a comprehensive Savannah River study. In, Proceedings of the 2008 South Carolina Water Resources Conference, October 14-15, 2008. Charleston, SC. 4 p.

Gemmill, J.B., Eidson, G.W., Conner, W.H., Esswein, S., Flite, O., Hallstrom, J.O., Hayes, J., Hitchcock, D.R., Howard, T.R., Klaine, S.J., Post, C.J., Sawyer, C., Wang., K.-C., White, D.L. 2008. Cyberinfrastructure for Preservation of Stream and River Ecology, In, Proceedings of the 2008 South Carolina Water Resources Conference, October 14-15, 2008. Charleston, SC. 3 p.

2007

Flite, O.P., G.W. Eidson, J.W. Moak, B.S. Metts, and S. Sefick. 2007. Preliminary data from a comprehensive Savannah River study: the first six months. In, Proceedings of the 2007 Georgia Water Resources Conference, March 27-29, 2007. University of Georgia. Athens, GA. 4 p.

Wrona, Amanda, D. Wear, J. Ward, R. Sharitz, J. Rosenzweig, J. P. Richardson, D. Peterson, S. Leach, L. Lee, C. R. Jackson, J. Gordon, M. Freeman, O. Flite, G. Eidson, M. Davis, and D. Batzer. 2007. Restoring ecological flows to the Lower Savannah River: A collaborative scientific approach to adaptive management. In, Proceedings of the 2007 Georgia Water Resources Conference, March 27-29, 2007. University of Georgia. Athens, GA. 4 p.

2005

Eidson, G.W. and O.P. Flite. 2005. Multi-Year Research on the Use of Constructed Wetlands for Advanced Wastewater Treatment, In Proceedings of the 2005 Georgia Water Resources Conference, The University of Georgia, Athens, Georgia. 4 p.

Conference Presentations (Without Proceedings Papers)

2015

Flite, O.P. 2015. Panel member, "What is in you water?". Local Emergency Planning Committee/American Society of Safety Engineers Annual Summit. Augusta, GA.

Flite, O.P., S.E. Rosenquist, M.R. Erickson, and J.W. Moak. 2015. Atypical sources of fecal bacteria in streams. Georgia Association of Water Professionals. Savannah, GA.

Flite, O.P., Erickson, M.R., K. Leymon, C. Nestell-Fabillar, and J.W. Moak. 2015. Results of the first year of surveillance for Richmond County, GA. Mid-Atlantic Mosquito Control Association. Savannah, GA.

Erickson, M.R., K. Leymon, C. Nestell-Fabillar, J.W. Moak, and O.P. Flite. 2015. Update: Mosquito surveillance program in Richmond County, GA. University of Georgia.

Flite, O.P. 2015. Maximizing flow: restoring the Savannah River Basin's natural flood patterns. Panel discussion. 2015 Georgia Water Resources Conference, April 28-29, 2015. University of Georgia. Athens, GA.

Phinizy Center for Water Sciences, 2003-2015 Publications and Presentations

Erickson, M.R., K.A. Laymon, D.L. Mullis, J.W. Moak, C. Nestell-Fabillar, and O.P. Flite. Lagrangian sampling of E. coli in an urban stream. Poster presentation. 2015 Georgia Water Resources Conference, April 28-29, 2015. University of Georgia. Athens, GA.

Moak, J.W., Erickson, M.R., K.A. Laymon, D.L. Mullis, C. Nestell-Fabillar, and O.P. Flite. Preliminary results of continuous water quality monitoring in the Ogeechee River basin. Poster presentation. 2015 Georgia Water Resources Conference, April 28-29, 2015. University of Georgia. Athens, GA.

K. A. Laymon, Mullis, D.L., J.W. Moak, C. Nestell-Fabillar, M.R. Erickson, and O.P. Flite. Successional patterns of mosquito abundance in Richmond County, GA. Poster presentation. 2015 Georgia Water Resources Conference, April 28-29, 2015. University of Georgia. Athens, GA.

2014

Flite, O.P. 2014. A Basin of Information- monitoring and research-the building blocks for better models and better decisions. Georgia Environmental Conference. Jekyll Island, GA.

2012

Flite, O.P. and R.P. Duckett. 2012. Performance of the pit lakes at Ridgeway gold mine, Ridgeway, SC, USA. 19th Annual Mine Environment Neutral Drainage (MEND) Workshop. Vancouver, BC.

Flite, O.P., R.P. Duckett, J.W. Moak, and J.E. Schindler. 2012. Story of a successful mine closure in the Carolina Slate Belt. Geological Society of America's Annual Meeting and Symposium, November 4-7. Charlotte, NC.

Flite, O.P., S.E. Rosenquist, F. Koehle, and J.W. Moak. 2012. Wetlands and mosquitoes. Annual Meeting of the Georgia Mosquito Control Association, October 17-19. University of Georgia.

Flite, O.P. 2012. Using Lakes as Sentinels; panel discussion moderator. Annual Conference of Association of Southeastern Biologists, April 4-7. University of Georgia.

2011

Wrona Meadows, A., C.J. Carroll, M. Carla Curran, O.P. Flite, J.W. Moak, C. Norwood, C. Pavel, B. Post, and J. Ward. 2011. Using sturgeon behavior to determine fish passage and ecosystem flow restoration opportunities on the Savannah River. American Fisheries Society. Seattle, WA.

2010

Flite, O.P. B.S. Metts, and J.W. Moak. 2010. Results of a tracer study conducted within constructed wetlands with varying cell characteristics. South Carolina Water Resources Conference, October 13-14, 2010. Columbia, SC.

2008

Flite, O.P., G.W. Eidson, A.P. Wheeler, T.J. Shaw, J.E. Schindler. 2008. Progress on a long term acidic pit lake remediation strategy. The Society for Ecological Restoration-Coastal Plain Chapter Conference, Clemson University, Clemson, SC.

2005

Flite, O.P., G.W. Eidson, and J.E. Schindler. 2005. Onset and persistence of biogenic meromixis in a filling pit lake, Proceedings of the 2005 American Ecological Engineering Society Conference, Ohio State University, Columbus, OH.

Eidson, G.W. and O.P. Flite. 2005. Multi-Year Research Comparison of Two Designs of Constructed Wetlands for Advanced Wastewater Treatment, Proceedings of the 2005 Wetland Society of America Conference, Charleston, SC.

2004

Flite, O.P., G.W. Eidson, and J.E. Schindler. 2004. A limnological approach to meromictic pit lake development, Proceedings of the 2004 U.S. EPA Conference on Pit Lakes, Reno, NV.

Flite, O.P., G.W. Eidson, and J.E. Schindler. 2004. A limnological approach to meromictic pit lake development, Proceedings of Limnology and Oceanography Summer Meeting, Savannah, GA.

2003

Flite, O.P., G.W. Eidson, and J.E. Schindler. 2003. Impact of Wind: Planning for Sustainable Pit Lakes, Proceedings of Geological Society of America Annual Conference, Seattle, WA.