

# The Climate Connection Workshop Series: Climate Variability and Impacts to South Carolina's Natural Resources



**When:** October 24, 2012 9:00 am – 4:30 pm

**Where:** Saluda Shoals Park, River Center,  
5605 Bush River Rd, Columbia, SC 29212

The second in a series of three workshops being held by the SC Department of Natural Resources to increase awareness and utilization of climate knowledge in order to improve natural resources management. The workshops will facilitate discussion on the relationship between natural resources and climate, with particular attention on the kinds of new approaches and partnerships that are needed to cope more effectively with climate variability. The workshop hopes to maximize opportunities to enhance the connection between research, operational activities and the support of decision-making while bringing together complementary groups that may not have traditionally worked together.

**If you are interested and able to participate, please complete the attached **REGISTRATION FORM** and email to Hope Mizzell, [mizzellh@dnr.sc.gov](mailto:mizzellh@dnr.sc.gov) by October 19, 2012. Limited space and travel support are available. For additional information call 803-734-9568.**

(The workshops are funded through a grant from NOAA's Carolina's Integrated Science and Assessment Program at the University of South Carolina).



## AGENDA

- 9:00 – 9:15 am **Welcome**, Hope Mizzell, SCDNR- Land, Water and Conservation, SC State Climatologist
- 9:15 – 9:35 am **SC Climate Trends and Variability 1901-2010**, Hope Mizzell, SCDNR-Land, Water and Conservation, SC State Climatologist
- 9:35 – 9:55 am **Understanding South Carolina’s Climate Controls**, Ivetta Abramyan, SCDNR-Land, Water and Conservation, State Climatology Office Research Assistant
- 9:55 – 10:20 am **Water Level Trends in Aquifers of South Carolina**, Scott Harder, SCDNR-Land, Water and Conservation, Hydrologist
- 10:20 – 10:40 am **Break**
- 10:40 – 11:05 am **What’s Going on With My Trees: Climate Effects on Forest Health**, Laurie Reid, SC Forestry Commission, Forest Health Specialist
- 11:05 – 11:30 am **Effects of Changing Climate Patterns on Reptile and Amphibian Populations in SC**, Steve Bennett, SCDNR-Wildlife and Freshwater Fisheries, Herpetologist
- 11:30 – 11:55 am **Wood Ducks of the Savannah River Site: Indicators of Changing Environments**, Robert Kennamer, Savannah River Ecology Laboratory, University Georgia, Research Professional
- 12:00 – 1:15 pm **Lunch Provided**

- 1:15 – 1:45 pm **Climate Change at Congaree National Park: Realities and Communication Challenges**, David Shelly, Education Coordinator, Old-Growth Bottomland Forest Research and Education Center Congaree National Park
- 1:45 – 2:10 pm **The Application of a Statistical Downscaling Process to Derive 21<sup>st</sup> Century Climate Predictions**, David Werth, Savannah River National Laboratory, Research Scientist
- 2:10 – 2:30 pm **South Carolina's Wildlife Action Plan**, Derrell Shipes, SCDNR-Wildlife & Freshwater Fisheries, Chief of Statewide Projects, Research, and Survey
- 2:30 – 2:50 pm **Break**
- 2:50 – 3:15 pm **Learning from Other States**, Invited Speaker
- 3:15 – 4:30 pm **Open Discussion**, Facilitated With Audience Response Technology

