

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

September 13, 2012, 9:00 am – 4:30 pm

Marine Resources Research Institute Auditorium,
Charleston, SC



DNR



AGENDA

- 9:00 – 9:15 am **Welcome**, Ken Rentiers, SCDNR- Land, Water and Conservation, Deputy Director
- 9:15 – 9:35 am **SC Climate Trends and Variability 1901-2010**, Hope Mizzell, SCDNR-Land, Water and Conservation, SC State Climatologist
- 9:35 – 10:00 am **Understanding South Carolina's Climate Controls**, Hope Mizzell, SCDNR-Land, Water and Conservation, SC State Climatologist
- 10:00 – 10:20 am **Analysis of 60 years of water temperature data from Charleston Harbor**, Steve Arnott, SCDNR-Marine Resources Division, Associate Marine Scientist
- 10:20 – 10:40 am **Break**
- 10:40 – 11:10 am **Climate and Estuarine Fauna**, Dennis Allen, Baruch Marine Field Laboratory, Research Professor and Resident Director
- 11:10 – 11:30 am **Influence of Climate on Shrimp Abundance**, David Whitaker, SCDNR-Marine Resources Division, Assistant Deputy Director
- 11:30 – 11:50 pm **Salinity Intrusion: Integrating Riverine and Coastal Forces**, Paul Conrads, US Geological Survey, Surface Water Specialist,

12:00 – 12:50 pm **Lunch Provided**

12:50 – 1:20 pm **Climate Changes Everything**, Raye Nilius, SC Lowcountry Refuges Complex, Project Leader

Got Data! Needs for Monitoring and Partnering in a Changing Climate, Nicole M. Rankin, U.S. Fish and Wildlife Service, National Wildlife Refuge System Inventory and Monitoring Network

1:20 – 1:50 pm **Prolonged Drought Linked to Blue Crab Decline**, Michael Childress, Clemson University, Biological Sciences Associate Professor

1:50 – 2:05 pm **National Integrated Drought Information System: Pilot Project in the Carolinas**, Amanda Brennan, Carolina's Integrated Sciences & Assessments, Research Assistant

2:05 – 2:30 pm **South Carolina's Wildlife Action Plan**, Derrell Shipes, SCDNR-Wildlife & Freshwater Fisheries, Chief of Statewide Projects, Research, and Survey

2:30 – 2:45 pm **Break**

2:45 – 3:15 pm **National Fish, Wildlife, and Plants Climate Adaptation Strategy**, Arpita Choudhury, Association of Fish and Wildlife Agencies, Science and Research Liaison

3:15 – 4:30 pm **Open discussion**

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

