

## Kingston Lake Environment Awareness Network (KLEAN) - Update for June 2008

---

**Greetings** from the Kingston Lake Environment Awareness Network (**KLEAN**)!

About once a month, you will receive an e-update with the latest information about Kingston Lake, Crabtree Swamp, and the Waccamaw River. Let's see what's happening this month.

-----

### Events and Announcements

The Horry County Stormwater Advisory Board will hold its next regular meeting on **Monday, June 9th at 3:00 PM** in Multi-purpose Room D of the Horry County Government and Justice Center on 2nd Avenue in Conway. A public input period is always scheduled. For more information, visit <http://www.horrycounty.org/stormwater/index.asp?page=9>.

The next meeting of the Conway Water Quality and Drainage Commission will be held on **Wednesday, June 18th at 6:00 PM**. Commission meetings are held in Conway City Hall on 3rd Avenue and Main Street in the conference room on the first floor. A public input period is always scheduled.

On **Saturday, June 28<sup>th</sup> from 10 AM to 10 PM**, Conway will host its annual Round the Fourth Festival at the historic riverfront. At the Anderson Brothers Bank Business Expo on the lawn of the historic Horry County Courthouse, look for information booths sponsored by the City of Conway's Water Quality and Drainage Commission, Horry County Stormwater, the Waccamaw Riverkeeper, and CCU's Waccamaw Watershed Academy. For more information, please visit <http://www.roundthefourth.com/index.cfm>.

By popular demand after the successful seminar in January, another seminar is being offered on **July 17th** entitled "*Getting to Know Wetlands: Innovative Planning and Development Approaches for South Carolina's Wetland Resources.*" Targeting city and county officials and staff, developers, planners, realtors, and consultants, this seminar experience will help you understand why wetlands issues are important, understand the laws and rules governing them, and understand how well-informed decision making can yield more efficient results that adequately protect our coastal resources and meet land use and development needs. This event is free of charge and is sponsored by the North Inlet-Winyah Bay Coastal Training Program, Coastal Carolina University's Center for Marine and Wetland Studies, South Carolina's Dept. of Natural Resources, and the ACE Basin National Estuarine Research Reserve. Seats are limited so advance registration is required. To register online and learn more about the event, visit [www.northinlet.sc.edu/training/events.htm](http://www.northinlet.sc.edu/training/events.htm) or contact Nicole Saladin at <mailto:nicole@belle.baruch.sc.edu> or 843-546-6219 ext 241.

-----

### This Month's Feature – Open Season for Hurricanes

The first of June marks the official start of the Atlantic Hurricane Season, which lasts until November 30<sup>th</sup>. Hurricanes and tropical storms are tropical cyclones that form over warm water as low pressure systems with counterclockwise circulation. These dangerous storms sometimes bring torrential rains, damaging winds, and hardship to coastal communities. Tropical cyclones are characterized by their wind speeds as: Tropical Depression = <39 mph; Tropical Storm = 39-73 mph; Category 1 Hurricane = 74-95 mph; Category 2 Hurricane = 96-110 mph; Category 3 Hurricane = 111-130 mph; Category 4 Hurricane = 131-155 mph; and Category 5 Hurricane = >155 mph.

The National Climatic Data Center in Asheville, NC keeps official records and, for the period of 1871-1985, 928 tropical cyclones affected the Atlantic tropical-cyclone basin which includes the

Caribbean Sea and the Gulf of Mexico. Although the coast is sometimes affected by passing hurricanes such as Hurricane Floyd in September 1999 that dumped 18 inches of rain on Horry County, only 22 tropical cyclones made landfall in SC between 1901-1985. Of those, only eight were Category 2 to 4. Since 1900, no Category 5 storm has visited South Carolina.

The two most powerful storms to affect South Carolina were Hurricanes Hazel and Hugo. Hurricane Hazel made landfall near the NC/SC border on October 15, 1955. She packed winds of 130 mph and a storm surge of 17 feet, destroying oceanfront property from Pawleys Island, SC and northward. Hurricane Hugo made landfall at Isle of Palms, SC on September 21, 1989. Hugo had sustained winds of 140 mph and gusts to 160 mph and a storm surge of more than 20 feet. At over 6 billion dollars in damage, Hugo is the most costly storm to affect South Carolina in history.

The National Hurricane Center in Miami, FL issues warnings and watches for tropical cyclones to protect the safety of the public and their property. Watches are issued when there is a threat of a hurricane or tropical storm within 24 to 36 hours. Warnings are issued when hurricane or tropical storm conditions are expected within 24 hours or less. When watches or warnings are issued, citizens should pay close attention to the information given and take action immediately to protect life and property.

For more information about hurricanes in South Carolina, visit the S.C. State Climatology Office website at [http://www.dnr.sc.gov/climate/sco/Tropics/hurricanes\\_affecting\\_sc.php](http://www.dnr.sc.gov/climate/sco/Tropics/hurricanes_affecting_sc.php). For hurricane basics, visit the National Hurricane Center at <http://www.nhc.noaa.gov/HAW2/english/basics.shtml>. For information about how to prepare yourself and your family for hurricanes, please visit <http://www.nhc.noaa.gov/HAW2/english/intro.shtml>.

-----

### **Learn More**

If you are looking for a speaker for your group's next meeting, why not book a presentation about water quality or wetlands? David Fuss and Dr. Susan Libes of Coastal Carolina University are available for presentations geared for citizen groups. For more information, contact David Fuss at 843-349-4023 or [dfuss@coastal.edu](mailto:dfuss@coastal.edu).

-----

To sign up for monthly updates from KLEAN, send an email to [KLEAN@sccoast.net](mailto:KLEAN@sccoast.net) or call 248-1730.

Your email is kept confidential and is not shared for any other purposes. If you have received this message in error or you no longer wish to receive these e-updates, please send a message to [KLEAN@sccoast.net](mailto:KLEAN@sccoast.net).