

LA Wetland Education Coalition

Wetland News, #31, September 19, 2005

<http://www.lacoast.gov/education/lawec/>



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1. Barrier Island and Hurricane Katrina images

The USGS has posted before and after images of the Louisiana barrier islands and other coastal areas affected by Hurricane Katrina. Visit <http://www.nwrc.usgs.gov/hurricane/post-hurricane-katrina-photos.htm>.

Two sites worth noting regarding viewing the imagery from Katrina damaged areas are <http://ngs.woc.noaa.gov/katrina> and <http://katrina.telascience.org>. On the Telascience site, click the link in the text that says "Katrina Mapperserver Map" to see the NOAA aerial photos at all scales. This site can also be queried by specific street address. Photos extend over to the eastern Mississippi state line. Unfortunately, areas in St. Bernard and Plaquemines parishes are not included yet in the available photo arrays. The Telascience.org site is a clearinghouse for as much imagery, elevation data, and geographic data that can be obtained for the Katrina-affected areas. There are plenty of sites with imagery, but this site aims to be the one that has everything.

There have been many images posted to the web of the flooding. One site has taken two NASA images of New Orleans and created a fade in transition between a before image and an after image. Visit <http://shopinberkeley.com/science/hurricane-katrina/slideshow.php>.

Another site shows the Mississippi River plume and other Katrina-related runoff produced from infrared and ocean color satellite imagery. The green area on the map indicates location of Mississippi River water and other coastal water from the Mississippi delta region. These areas represent possible debris fields from the Katrina-devastated areas. Visit Roffer's Ocean Fishing Forecasting Service at <http://www.roffs.com/katrina.htm>.

2. National Geographic Society Offers Resources on Hurricanes

To help you teach about hurricanes and geography, EdNet's **Forces of Nature Community** is hosting special online events during the month of September. The first is a Q&A this week with geographer Bimal Paul of Kansas State University. Dr. Paul is an expert in population geography, natural hazards, and medical geography, and he has followed Hurricane Katrina and its aftereffects closely. Post your students' questions NOW! Posting is easy: Just join the Forces of Nature Community (<http://www.ngsednet.org/fon>) and follow the online instructions. As a member, you'll also be eligible to subscribe to National Geographic magazine for the special educator's rate of just \$1 a month.

Also in the **Forces of Nature Community Resource Library: --A Hurricane Classroom Companion** (a compilation of all National Geographic resources) --A hurricane-related reading comprehension quiz for your students -- "Gone With the Water," a prescient National Geographic magazine article about Louisiana's vulnerability.

3. Red Cross Hurricane Safety and Preparedness Resources

Hurricane Strike! Hurricane Science and Safety for Students- University Corporation for Atmospheric Research

A standards-based hurricane learning package that compliments the American Red Cross Masters of Disaster Program. Be a virtual guest with a family experiencing a hurricane. Learn about hurricanes and preparing for before, during and after the storm. Printable worksheets and task lists for each day at <http://meted.ucar.edu/hurricane/strike/>

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Masters of Disaster

American Red Cross curriculum for K-8 in English and Spanish. Provides background information and helps teachers prepare students for weather-related and geological disasters. Visit <http://www.redcross.org/disaster/masters/>

Facing Fear

K-12 curriculum developed by the American Red Cross to help young people deal with natural disasters, terrorism and other tragic events. Entire curriculum, lesson plans and worksheets are downloadable at <http://613zyr.redcross.org/disaster/masters/facingfear/>

4. 2005 EstuaryLIVE

Take your students on a field trip through our nation's estuaries without ever leaving your classroom on September 22 and 23, 2005! Celebrate National Estuaries Day 2005 by taking a free, interactive field trip through our nation's estuaries over the Internet. Estuaries are the magical places where fresh water from rivers mix with salt water from the ocean. EstuaryLive brings these precious ecosystems into your classroom and provides your students with a platform to take an active role in the learning experience- they can

ask real time questions during the field trips; many of these questions are answered live during the program!

Naturalists from the National Estuarine Research Reserve System (<http://www.nerrs.noaa.gov>) and the National Estuary Programs (<http://www.epa.gov/nep/>) will take participants on guided tours through:

- Tillamook Bay National Estuary Program, OR
- NY-NJ Harbor Estuary Program, NJ
- Grand Bay NERR and Mobile Bay NEP, AL
- J. Cousteau NERR & Barnegat Bay NEP, NJ
- San Francisco Bay NERR, CA

Check out <http://www.estuaries.gov/themes.html> for more information about each of these field trips. Please visit <http://www.estuaries.gov> throughout the summer for updated information about this year's program, including the program schedule, details about how to participate in the program, registration information, curriculum materials and more! We look forward to exploring these unique ecosystems with you and your classroom next fall! EstuaryLive is an interactive educational program for students of all ages. For additional information, contact Becky Weidman, National Estuaries Day Coordinator [Rebecca.Weidman@verizon.net].

5. LAWEC-L LISTSERVE INFORMATION

- **Description of this listserve:** A listserve serving educators interested in LA wetlands.
- **To send a message of your own to the listserv:** email LAWEC-L@LISTSERV.LSU.EDU and type your message into the body of the email. The message will be distributed to ALL PARTICIPANTS subscribing to the listserve. As a participant, you are welcome to send messages to educators subscribing to the LA Wetland Education Coalition listserve. We ask that participants focus their emails on educational opportunities and materials *directly related to wetland education*.
- **To UNSUBSCRIBE from this listserve:** email LAWEC-L@LISTSERV.LSU.EDU and enclose the following single line in the body of the email
unsubscribe LAWEC-L
- **To SUBSCRIBE to this listserv:** email LISTSERV@LISTSERV.LSU.EDU, with only the following line listed in the body of the email:
subscribe lawec-l YourFirstName YourLastName
For example: subscribe lawec-l John Doe
NOTE: You should not put anything in the subject line and should remove any automatic signatures from the email, otherwise the signup process will not work. You will get a return message indicating that you have been subscribed to the listserve along with information on other listserve operations you can perform (such as unsubscribe, etc.). If you have trouble, email Dr. Pam Blanchard at pamb@lsu.edu.