



### **Be a volunteer!**

Even if it's for a one day event, giving of your time to help the community is always appreciated. **Special THANKS this month to all the volunteers that came out to the BEACH CLEANUP.** 133 folks signed-in at Magnolia Beach, 15 people cleaned at Point Comfort, another 15 cleaned at Swan Point Park, and more volunteers helped at the Kingfisher Beach Cleanup with Debbie Gayle. You all really do make a difference. There were also volunteers before the clean up getting things ready and working on projects like the Monofilament Recycling Program, including:

Jenna Weaver, Sarah Villareal, Manuel Ortiz, Juan Pina, Lucia Hernandez, Gabrielle Anderson, Elizabeth Silva, Derek Servantes, Reilly Low, Ben Chen, Zack Herrera, Bailey Mahoney, Emily Obregon, Aislynn Olascuaga, Karen & Vernon Lyssy, Theresa Dent, Jack LaBarge, Shelly Crow, Norman & Donna Boyd, Teri Austin, Devra Hunter, Mike Mitchell, Tom Andrews, and the Magnolia Beach VFD.

### **Upcoming Events**

**October 13: Lone Star Water Forum** in Brenham from 8:30 a.m. to 4:00 p.m. More information is located at [http://www.wcwildlife.org/images/2012\\_L\\_SWF\\_Registration.pdf](http://www.wcwildlife.org/images/2012_L_SWF_Registration.pdf)

**October 16-18: Gulf States Marine Fisheries Commission 63<sup>rd</sup> Annual Meeting**, Point Clear Alabama. Details at <http://www.gsmfc.org/#:links@1>

**October 16-20: Calhoun County Fair.** Visit <http://calcofair.org/> for details on all the fair events and contests.

**October 20: Refuge's 75th Anniversary** from 10 am to 4 pm. <http://www.fws.gov/southwest/refuges/texas/aransas/>



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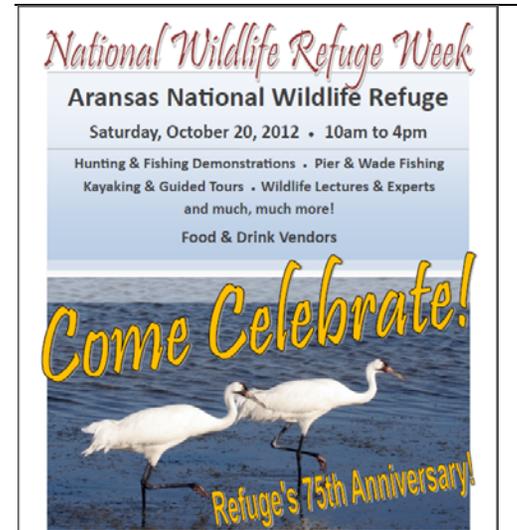
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## **Coastal & Marine Resource News**

**Calhoun County  
October 2012**

**CELEBRATE!**



### **Come on out and join the fun.**

Help the U.S. Fish & Wildlife Service celebrate 75 years at the Aransas Refuge. Aransas National Wildlife Refuge is a 114,657 acre protected area situated on the southwest side of San Antonio Bay along the Gulf Coast of the U.S. state of Texas. It is located in parts of Aransas, Refugio, and Calhoun counties. The refuge is six miles south of Austwell, Texas on FM 2040. Learn more at

<http://www.fws.gov/refuges/profiles/index.cfm?id=21532>

From <http://texas-sea-grant.tamu.edu/WhatWeDo/online%20publications/FishandKrautSandwiches.html>

## 'KRAUT SANDWICHES

1 cup cooked, flaked fish  
1 tablespoon horseradish  
1/2 cup well drained sauerkraut  
12 slices party rye bread  
1/4 cup chopped dill pickles  
4 slices (1 ounce each) Swiss cheese  
1/4 cup mayonnaise  
2 tablespoons margarine

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Cook fish by baking, broiling or poaching. Cool and flake. In mixing bowl, combine fish, sauerkraut, pickles, mayonnaise and horseradish. Mix well. Portion mixture evenly on half the bread. Top with cheese. Top with remaining bread. Melt margarine in skillet. Place sandwiches in skillet and grill on each side until golden brown. Serve with chips or relishes and a cold drink. Makes 4 servings. (Some like this fish Reuben served with a cold, dark beer. For a snack item, use the party, rye bread.)



### Green Economy in a Blue World

The United Nations Environment Programme (UNEP) and GRID-Arendal have released a report entitled Green Economy in a Blue World that analyzes how key sectors that are linked with the marine and coastal environment – including shipping, fisheries, tourism, marine-based renewable energies, and agriculture - can make the transition towards a “green economy.” The report argues that the ecological health and economic productivity of marine and coastal ecosystems, which are currently in decline around the globe, can be boosted by shifting to a more sustainable economic paradigm that taps their natural potential. The full report and synthesis are available online at:

<http://www.grida.no/publications/green-economy-blue-world/>.

### Adopt-a-Beach Sponsors

In addition to the 133 people who came to help clean Magnolia Beach, a giant THANK YOU goes to our lunch sponsor: the Marine Advisory Committee and the cooking crew from Our Lady of the Gulf Catholic School. Thanks to Waste Management who donated the dumpsters to haul away the 46 bags, and various loose items, that totaled an approximate 1,150 pounds. Trash totals were down this fall. Maybe

the message is getting out and people are changing their behavior. Remember trash travels and trashing Texas beaches isn't cool.

### Exploring U.S. Aquaculture

The world's fastest-growing form of food production and a vital component of our food supply, aquaculture (fish or shellfish farming) also supports commercial fisheries, coastal communities, and working waterfronts and enhances habitat and at-risk species. [Take a look](#) at the advantages, challenges, and growth of aquaculture in our country in a video just released by NOAA.

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**This newsletter is available online @** <http://calhoun.agrilife.org/newsletters/coastal-and-marine-resources/>

Extension Programs serve people of all ages regardless of socioeconomic level, race, color, sex, religion, disability, or national origin. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating.

