



WAVELENGTHS

*The Newsletter of the Southern
Association of Marine Educators*
in Alabama, Florida Panhandle, Louisiana, and Mississippi

Sept , 2010

Making known the world of water, both fresh & salt

President's Letter:

Hello SAME Members!

I hope school has started smoothly for all the SAME teachers. It has even felt like fall in our area the last few days!

We have been busy planning the SAME annual meeting. See inside this newsletter for a tentative agenda, registration form, and other details. We will be holding the conference at the November 12-14, 2010 at the USDA Golden Meadow Plant Materials Center in Galliano, LA. Galliano is located about 20 miles south of Houma, LA. Check out the website to learn more about the plant materials center <http://www.plant-materials.nrcs.usda.gov/lapmc/>.



We have a group of nearly 30 SAME members that make up the planning committee for the 2013 NMEA conference in Mobile, Al. If you are interested in being on a committee, see inside for more details. We will be conducting an on-line poll to determine a theme for the conference soon. Watch your e-mail for your chance to vote!

NMEA 2010 in Gatlinburg, TN was a great conference. The excellent presentations, speakers and evening activities were coordinated to the tee by the TEAMS members. If you are in Gatlinburg, make sure you take time to enjoy the Ripley's Aquarium; it is beautiful, lots of educational information and a cool shark area.

Please take a moment to nominate someone for our annual SAME awards. The two awards, SAME Educator and SAME Resource of Year are an honor to win. Awards will be announced and presented at the SAME business meeting in Galliano, LA.

Have a great fall and I look forward to seeing many of you in Galliano!!!

Chris

Oil Spill Activity

Created by: Chris Verlinde - UF/IFAS Florida Sea Grant Extension, Tami McConnell - Navarre HS, Glen Rutland - Holley/Navarre Intermediate, Dana Chatwell - Woodlawn MS, Charlene Mauro - Navarre HS, Casey Feron - Gulf Breeze MS

Adapted from:

http://www.amsa.gov.au/Marine_Environment_Protection/Educational_resources_and_information/Teachers/Classroom_Projects/Clean_up_oil_spill_exercise.asp

Objectives:

- Students will understand the challenges of cleaning up an oil spill
- Students will be able to see how oil sits on top of the water
- Students will make decisions about what types of materials to use to clean up the oil spill
- Students will work as a team to solve the problem

Procedure:

1. Discuss aspects of the Deep Horizon Oil Spill
2. Place laminated Gulf of Mexico Map in clear plastic box (use hot glue to glue washers, coins or fishing weights to the backside of the map to keep the map in place when you add water).
3. Cover map with water
4. Show students what type of boom material and/or absorbent is available to use
 - a. Absorbents such as: cotton, bandages, diapers, hay, mulch, coffee filters, pet or human hair, paper towels, cloth, etc.
 - b. Booms can be made by wrapping absorbent materials in gauze, pantyhose, cloth etc. Use pipe cleaners to pull the boom materials
5. Explain the different roles for each student and that students will work in teams
6. Have students pick materials to use in their clean-up, they will try to boom off the oil from the coastal areas and/or remove the oil with absorbents
7. Place 3-4 drops of oil into water somewhere in the Gulf of Mexico (have an adult do this)
8. One student in each group should have a watch and time the activity
9. Add small pom-poms to each pan to represent marine animals

Roles of each student in the group:

Oil Company/Contractor – makes the decision on what type of boom and absorbent materials and how it is deployed

Researcher – records data on the data sheet

Reporter – takes notes on observations & reports back to the large group

County Commissioner – times how long the activity takes to clean up the oil

Weather – blow the oil around through a straw

Some other possible roles:

Community Member - Would like to volunteer to help, but is not allowed

Environmental Regulator – Conducts water quality tests and ensures people are using correct materials

Fisherman – help with clean-up operations

Tourist -

Business owner -

Coast Guard – Helps coordinate clean-up efforts

Materials:

Cocoa

Vegetable oil - **To mix oil:** add 3 tablespoons of vegetable oil to a coffee mug, add 2 tablespoons of cocoa, mix, then store in a container that will allow you to drop the oil in the Gulf of Mexico

Clear plastic storage or baking pan – 1 for each group

Laminated map of the Gulf of Mexico – 1 for each group

Any of these materials for boom and absorbents:

- Pipe cleaners can be used to attach to the boom
- Diapers
- Panty-hose cut into 3-4" strips
- Cotton balls and/or pads
- Coffee filters
- Shredded paper
- Balloons can be used as a boat
- Yarn or string to tie boom material
- Pet and/or human hair
- Paper towels
- Hay
- Mulch
- Sargassam or seaweed
- Sponges
- Straws
- Dawn dish detergent
- Small pom-poms for marine animals (optional) (I drop these after the oil has spilled and the students are working to clean it up).

Discussion points:

- Disposal methods (make sure that you tell students that this is not oil from the Deepwater Horizon oil spill, we can dispose of the materials we used in the garbage.) Oil is a hazardous waste and must be disposed of in a certified landfill.
- Have a list of products that are made from petroleum
- Discuss what materials they used to clean up the spill, what worked and did not work
- What type of impacts will the oil have on communities? Fisheries? Wildlife?

Extensions:

- Students can use the scientific method to determine how to clean up the spill
- Have students bring in materials to clean the spill

Oil Spill Data Sheet (5th grade)

List group members (first name and last initial, separated by commas:

1. Where approximately in the Gulf of Mexico is your oil spill located?
 2. List what types of absorbent your group used to remove the oil.
 3. How much oil did the absorbent clean-up? How long did it take?
 4. Does the absorbent material pick up water also? How can you tell?
 5. Does the absorbent material sink or float?
 6. Which absorbent worked the best?
 7. What other materials could you use as absorbents?
 8. List additional observations on the back of this sheet:
-

Oil Spill Data Sheet (high school)

On your own sheet of paper list group members
(first name and last initial, separated by commas):

1. Where approximately in the Gulf of Mexico is your oil spill located?
2. Make a data table for your observations to include the following:
 - a. List what types of absorbents your group used to remove the oil.
 - b. How much oil did the absorbent clean-up?
 - c. How long did it take?
 - d. Does the absorbent material pick up water also? If yes, how much?
 - e. Does the absorbent material sink or float?
 - f. If it did not absorb, what did it do?
3. Which absorbent worked the best?
4. What other materials could you use as absorbents?
5. If the material did not absorb, could you still use it to clean up the oil? How?
6. Look back at each of the materials that you used and determine if it is Environmentally Friendly ☺ (look them up on the internet or use other resources)
7. Which materials were good absorbents but were not a good choice because they would have a negative impact on the environment? **Defend your answers with scientific facts not opinions! Use the internet or other resources if needed.**
8. How many of your animals were impacted?
9. List any additional observations you have.
10. Write a summary "Wrap Up" for this activity. (Your personal opinion is encouraged here!)

Come join the fun at the Roy Hyatt Environmental Center Annual Open House and Silent Auction

Saturday, October 16, 2010
9:00 A.M. - 3:00 P.M.
1300 Tobias Road, Cantonment, FL 32533

We will have information/display booths by local organizations such as the Northwest Florida Wildlife Sanctuary, FDEP, Francis M. Weston Audubon Society, GOMA, Escambia County Solid Waste Management, and more. Lots of fun, hands-on children's activities (making pinecone owls, face painting, origami, etc). Local environmental presentations and demonstrations on the hour. One of the best silent auctions in the Southeast.

For more information contact:
Molly O'Connor
MOconnor@escambia.k12.fl.us
850-469-5353

Spotlight on our SAMEies

Tami McConnell

Tami lives in Gulf Breeze, Florida just outside of Pensacola. She is the proud mom of two children, Darren 25 and Brittany 23. Tami received her BA from the University of West Florida in Math and Science Education and her MS in Geoscience from Mississippi State University. Tami has taught at Navarre High for 14 years. She is currently Science Department Chair and teaches Earth/Space Science and Environmental Science.

When asked what she liked most about teaching she said: "I love what I do. I am inspired everyday by our young people. I am also fortunate to teach a subject that has been my passion since I can remember. I have always been one of those people that had to know how something works! I was obsessed with the clouds and collected my first rock for my extensive collection at the age of five. I drive my family crazy. While attending the Coast Pilot Program in 2002, the direction of my career changed. I was teaching Integrated Science, physics, biology...basically whatever they needed. Through the Coast Pilot program my love for the Earth sciences was reborn! The Masters program I chose was more for the content than the career advancement. The more I learned the more excited I became about our wonderful world. I started our Earth/Space science program three years ago and hope to add dual enrollment Earth Science in the future. In addition to loving to teach, I enjoy traveling the world and have a very long list for places I want to explore. I also enjoy snorkeling, sailing, kayaking, camping or I should say anything outdoors and in the water."

Tami recently attended The Maury Project this summer and is looking forward to instructing other teachers on how to bring the ocean into their classrooms!



Ilka Porter

Ilka is the Education Director for GulfQuest National Maritime Museum of the Gulf of Mexico. She is in charge of developing educational programs in preparation for GulfQuest's opening in 2012. Programs to be planned include school field trip classes; weekend, summer and holiday programs; birthday party demonstrations; overnight camp-ins; and educator workshops. Some of the hands-on programs that have already been developed are "Ship Shape" – building a boat that will float; "Getting Your Bearings" – making a compass; and "Weather or Knot" – studying local weather patterns.

This fall Ilka will host maritime related badge programs for the local Junior Girl Scouts and provide Sea Scout activities at the annual Boy Scout Jamboree in November.

Before joining GulfQuest a year ago, Ilka served as Education Director for the Gulf Coast Exploreum Science Center. During the eight years she spent with the Exploreum, she developed and implemented educational programming complimentary to curriculum objectives for Alabama and Mississippi to coincide with individual exhibits, traveling exhibitions and IMAX films. Prior to her tenure at the Exploreum, Ilka was a teacher at Woodcock Elementary School in Mobile County where she taught third grade for four years.

Ilka received a Bachelor of Science in Elementary Education from the University of South Alabama and a Master of Science Degree in Elementary Education from Spring Hill University.

Ilka grew up in Ocean Springs, Mississippi but has lived in Mobile for sixteen years. She lives in the mid-town area with her husband of nearly eight years, Sean Porter. They just welcomed their first baby, Lina, this spring. They also have another baby of the four-legged kind – a twelve year old Lab.



EXPLORE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA)
Office of Ocean Exploration
Learning Ocean Science through Ocean Exploration Curriculum
Professional Development
REGISTRATION FORM

September 25, 2010 & February 26, 2011

Registration Deadline: September 10, 2010 Workshop Cost: FREE

*A minimum of 15 participants will be required in order for this program to run.

Return Immediately By Mail To: Registrar – Learning Ocean Science through Ocean Exploration
Dauphin Island Sea Lab
101 Bienville Blvd
Dauphin Island, AL 36528
Email: sejohnson@disl.org
Or Fax: Phone: (251) 861-2141 x7515 / Fax: (251) 861-7421

Please enroll me in Learning Ocean Science through Ocean Exploration

Grade level and subjects taught: _____

Name: (Please Print) _____

Home Address: _____
Street City

Home Phone: () _____ State Zip Code County Cell Phone: () _____

Work Address: _____
Name of School/Employer County
Street City State Zip Code

Email: _____ Work Phone: () _____
Correspondence sent via email unless otherwise requested

Lodging Assignment: Housing Needed Yes _____ No _____ Male _____ Female _____
(for lodging assignment)

I certify that I have not already attended a Learning Ocean Science through Ocean Exploration session.

Signature _____

Please list special needs due to diet, medical conditions and/or disabilities requiring accommodation.

***ALL DORMS AND CLASSROOMS ARE NON-SMOKING FACILITIES**

NOTE: This summer workshop is a field based program that involves extensive outdoor activities. The Discovery Hall Program reserves the right to cancel the program in the event enrollment is inadequate. Non-compliance with the rules of the program may result in expulsion.

The Marine Environmental Sciences Consortium, a member of the Southern Association of Marine Laboratories and the National Association of Marine Laboratories, is an equal opportunity/affirmative action employer. MESC does not discriminate on the basis of race, religion, color, sex, age, national origin or disability.

National Oceanic and Atmospheric Administration (NOAA)

Office of Ocean Exploration and Research (OER)

Professional Development Workshop

for Science Teachers Grades 6-12



Learning Ocean Science through Ocean Exploration Curriculum Part I of II

Saturday, October 2, 2010

8:00 am – 3:30 pm

in partnership with and
hosted by the

Audubon Aquarium of the Americas
New Orleans, Louisiana

From bioluminescent corals to deep vent worms, from tropical underwater volcanoes to the Arctic Ocean floor, we know more about the moon than our ocean. Bring the excitement of current ocean science discoveries to your students using the *Learning Ocean Science through Ocean Exploration* curriculum, CD, and the Ocean Explorer Web site (<http://oceanexplorer.noaa.gov>) from the National Oceanic and Atmospheric Administration's Office of Ocean Exploration and Research (OER).

Join NOAA OER Education Lead Instructor, Melissa Ryan, as you do inquiry- and standards-based activities tied directly to ocean expeditions. Activities written and tested by scientists and educators enable your students to model ocean science exploration in your classroom. Use these lessons in biology, earth, physical and marine science courses to connect your students to the excitement of NOAA Ocean Exploration as they travel from the Galapagos Rift to the Arctic Ocean, from Alaskan and New England seamounts to those in the Hawaiian Islands.

Registration is required and space is limited. This is the first of a two-part workshop series. The second will be held in spring 2011. Educators who attend both full-day workshops will receive a \$100 stipend. Each participant will receive the curriculum book, CD, materials related to activities presented during the workshop, a NOAA Ocean Exploration Certificate of Participation, a continental breakfast, and lunch.

Registration Deadline is September 17, 2010.

To register:

Contact Tricia LeBlanc at the Audubon Aquarium of the Americas
Phone: (504) 378-2675 or e-mail: tleblanc@AudubonInstitute.org

Physonect siphonophore Copyright 2005 by Kevin Raskoff





**National Oceanic and Atmospheric Administration (NOAA)
Office of Ocean Exploration
Learning Ocean Science through Ocean Exploration
Professional Development**

REGISTRATION FORM

October 2, 2010

8:00am-3:30pm

Audubon Aquarium of the Americas, New Orleans, Louisiana

Name: _____

Mailing Address: _____

Phone No. _____ E-mail Address: _____

School: _____

Grade Level(s) You Teach: _____

Subject(s) You Teach: _____

Special Needs: (Deaf, hearing or sight impaired, mobility needs, vegetarian)

A \$25.00 registration deposit is due at the time of registration. This deposit will be returned upon full-day participation in the workshop, or in the event cancellation occurs at least 72 hours prior to the start of the workshop. Please complete and return this form along with the deposit check to:

Audubon Aquarium of the Americas
Attn: Tricia LeBlanc/Education Dept.
1 Canal St.
New Orleans, LA 70130

Questions? Contact Tricia LeBlanc at tleblanc@auduboninstitute.org



The **Institute for Marine Mammal Studies (IMMS)** is a premier research and learning facility located in Gulfport, MS. The IMMS offers a variety of educational programs designed to meet your academic needs. All programs align with *2010 MS Science Framework* and can be adapted to meet the particular needs of your class. These hands-on classes can be conducted on-site at the Center for Marine Education and Research (CMER) or programs can be brought to your school via CMER's Traveling Treasures Mobile. Topics include, but are not limited to marine mammals, sea turtles, fish biology, marine invertebrates, threatened/endangered species, invasive species, point and nonpoint pollution, marine habitats, water quality parameters, and rescue and recovery of marine mammals and sea turtles.

These programs encompass the following:

The **Ocean Expo-Academic Year Program** is a planned field-trip experience designed to familiarize students with the plants, animals, habitats, and processes of marine and aquatic environments through a series of 30-40 minutes sessions especially tailored to the visiting age group. Up to 100 students are placed into four, smaller groups which rotate through a series of interactive learning activities. The Ocean Expo Academic Year Program is designed for school groups from Kindergarten to 12th grade. This exciting program is offered Monday – Thursday from September through May. Costs are \$4 per student. For every 10 students, 1 teacher/chaperone receives complimentary admission.



The Ocean Expo-Traveling Treasures team brings coastal animals and activities to schools, thereby providing K-12 students “up-close and personal” experiences with the marine environment. During these 30-40 minute, rotating, interactive sessions, students will learn from professional marine educators without leaving the comfort of their classrooms. This Ocean Expo Education and Outreach Program is offered on Fridays during the academic year from 9:00 am to 11:30 am. Costs are \$6 per student.

Ocean Expo-Student Mini-Camps are available to field trip groups for one-, two-, or three-days of hands-on exploration of coastal wetlands, beach and barrier islands, birding, and fisheries. Students learn firsthand about the plants, animals, and environments of the northern Gulf of Mexico beaches, salt marshes, near-shore islands, estuarine and gulf waters, as well as animal rescue and recovery techniques. This program is offered during Mid-March through Mid-May and from Mid-September through Mid-November. Two- and three-day trips involve field experiences aboard the IMMS *Curlew*, a 36 ft x 12 ft pontoon, U.S. Coast Guard approved for 29 passengers as well as a trip to Ship Island aboard the Ship Island Excursions Passenger Ferry. The cost is \$35 per student per day.





The **Ocean Expo-Afternoon of Discovery** is a two-hour program for high school and college students, elderhostels, and special interest groups. Through lectures and hands-on activities, groups learn about sharks, sea turtles, marine invertebrates, marine mammals, marine pollution, identification of beach flora and fauna, and water chemistry. This program is offered year-round and the cost is \$4 per participant.

Ocean Expo-Teacher Workshops provide teachers with opportunities to expand their knowledge of coastal issues. Teachers can earn Continuing Education Units (CEUs) or undergraduate/graduate credits and will receive valuable resource materials for their classrooms. Workshops include lectures by scientists, inquiry-based, hands-on educational activities, and field trip to local habitats. These Teacher Workshops are usually grant-funded with all fees being provided except travel and tuition credit.



For more information, visit our website at www.imms.org and go to Education Programs or call 228-701-1770.



NMEA 2013
July 20-26, 2013
Spring Hill College, Mobile Alabama

SAME members of the 2013 planning committee met at the Mobile School Districts' Environmental Education Center to continue planning for NMEA 2013. Thanks to Lloyd Scott for hosting us at his excellent facility! The group is working on developing a theme, speakers, entertainment and other conference details. We toured the campus of Spring Hill College, where the conference will be held. What a beautiful place! Spring Hill College was founded in 1830, so there are many beautiful historic buildings, large oaks and southern magnolias located on the campus.

We will hold an email vote next week to determine the theme. There are a number of good themes that have been suggested!

Below is a list of conference committee, members and a brief description of duties. If you are interested in being on one of these committees, please let Joan, Tricia or Chris know!

NMEA CONFERENCE 2013 CO-CHAIRS: JOAN TURNER, CHRIS VERLINDE, TRICIA LEBLANC

Program: JESSIE KASTLER, TINA MILLER-WAY

Pre-conference: Presenter selection and notification, and communication, supply content for program booklet, arrange audiovisual equipment, escort and assist presenters, arrange evaluations for sessions.

Transportation: GREG GRAEBER, LLOYD SCOTT

How will people get from one conference venue to another. You may also assist with arrival and departure transportation, but be advised this can be a hugely complicated, and costly, task.

Publicity: VALERIE KLEINSCHMIDT

May be just one person who sends out regular notices via email list-serves. VALERIE will create and maintain a NMEA 2013 website on the DISL or GOMA website, linking it to NMEA's.

Promotions: CARRIE DIXON, JOAN TURNER, TRICIA LEBLANC, CHRIS VERLINDE, MENDEL GRAEBER, JOHNETTE BOSARGE

Food service: CHRIS VERLINDE, JENNY COOK, JOHNETTE BOSARGE
Crucial role, may overlap with other committees, work caters and food service at the college

Registration: JUSTINE GLYNN/UNIVERSITY OF SOUTHERN MAINE

Special events: SHARON WALKER, LEE YOKEL, GREG GRAEBER, JOAN TURNER, TRICIA LEBLANC, ILKA PORTER, TRICIA LABLANC
Arrange keynote speakers, other guests and VIPs, evening events, special performances. This work needs to be done well in advance; a year or more is not too soon!

Entertainment: GREG GRAEBER, VALERIE KLEINSCHMIDT
HUKA Entertainment, 92 ZEW

Fund-raising: SHARON WALKER, JOHN DINDO, MIKE SPRANGER, JEAN MAY-BRETT

Auction: JOHNETTE BOSARGE, JUSTINE GLYNN, JUDY REEVES, DESIREE BISHOP, KAREN GROSS, DIANNE LINDSTEDT, ANITA SALINAS,

AUCTIONEER - LLOYD SCOTT

Chapter baskets – raffle tickets, all SAME members walking around selling tickets.

Live auction item example – weekend at J. Dindo’s Dauphin Island house

Field trips: JENNIFER BUCHANAN, CHRIS BREAZEALE, TINA MILLER-WAY, JOAN TURNER

Contact hours and CEUs/college recertification credit

Exhibits:

-shipping arrangements? Need to be centrally located during conference.

Evaluations:

Volunteer coordinator: DESIREE BISHOP, ANITA SALINAS

(Plan carefully how many volunteers to ask for: you’ll need to give them food and other compensation for their time, without getting registration income.) Possible roles for volunteers:

program monitors

go-fers (you’ll want as many of these as you can afford!)

Hospitality: JENNY COOK, CARRIE DIXON, MENDEL GRAEBER, LEE YOKEL, JUDY REEVES, CHRIS V
Services for Persons with Handicaps, special touches

Audiovisual equipment/IT – SARAH JOHNSTON, WEEKS BAY
“Geek Speak”

Each of the committee chair-people has the following responsibilities:

- Maintain communication with the Conference Coordinator between the time of the initial planning and the conference.
- Develop a committee budget
- Work with the Conference Coordinator to prepare a schedule of when all arrangements will be complete. (See timeline section.)

SAME 2010 Annual Meeting Agenda
USDA Golden Meadow Plant Materials Center, Galliano, LA
Nov. 12-14, 2010
Habitat & Fisheries Restoration in Education



Friday, Nov. 12

4 pm -6 pm Registration
6 pm Dinner
7 pm Louisiana Coastal Roots Program
 Pam Blanchard, LSU

Saturday, Nov. 13

8 am- 9 am Breakfast

9:15-10:30 am Coastal Restoration
 Tour of the Plant Materials Center

10:45 am – noon Native Fish in the Classroom
 Angela Capello, Louisiana Wildlife and Fisheries

Noon -1:00 pm Lunch

1:00-pm -4:00 pm Oil Activities
 Fisheries activities
 Jed Pitre, Thibodaux HS
 Chris Breazeale, Institute for Marine Mammal Studies

4:00 pm Share-a-thon

5:00 – 6 pm Seafood Bash

6:30-8:00 pm Silent Auction and Social

Sunday, Nov. 14

7:30- 8:00 am Breakfast
8:00 am SAME Business meeting

SAME Annual Meeting Details

The Golden Meadow Plant Materials Lab has 32 bunks in the dorm space. These spaces will be available to the first 32 who register and indicate they want to stay in the dorms. After these rooms are filled, there is lodging available at the following nearby motels:

<http://www.metrotravelguide.com/hotels/galliano/la/usa/>
<http://gallianoinn.com/>

For those staying at the lab, you will need to bring pillows, sheets and towels.

When traveling to Galliano and in Galliano, DO NOT speed.

Registration fee includes all meals, snacks, SAME yearly membership fee and lodging at the Golden Meadow Lab (not at nearby motels).

Dress is casual, prepare for weather conditions (the last few years have been cold).

*****Remember to bring an item for the silent auction!!!!

Registration is \$72.00. Please e-mail registration form to christinav@santarosa.fl.gov or fax to 850-623-6151. Checks (made out to SAME) must be received by Oct. 15, 2010 and should be mailed to:

Chris Verlinde
UF/IFAS Fl. Sea Grant Extension
6263 Dogwood Drive
Milton, FL 32570



2010 SAME Annual Meeting Registration Form

Name: _____

Organization: _____ Title: _____

Please provide your preference (work or home) for contact information:

Address: _____

City, State, and Zip: _____

Phone: _____ Fax: _____

Email: _____

Dorm Housing Requested: ___ yes; ___ no

Gender: ___ male; ___ female

Roommate Preference: _____

The conference will begin at the Golden Meadow Plant Materials Center 438 Airport Road, Galliano, LA 70354, on November 12, 2010 at 5:00 p.m. For additional information contact Chris Verlinde, 850-623-3868 or christinav@santarosa.fl.gov.

Registration is \$72.00. Please e-mail registration form to christinav@santarosa.fl.gov or fax to 850-623-6151. Checks (made out to SAME) must be received by **Oct. 15, 2010** and should be mailed to:

Chris Verlinde
UF/IFAS Fl. Sea Grant Extension
6263 Dogwood Drive
Milton, FL 32570

Register now for lodging at the Golden Meadows Lab!!!!!!!!!!!!



CLIMATE CHANGE IN THE GULF OF MEXICO
APPLICATION FORM

October 1-3, 2010

Registration Deadline: September 24, 2010 Workshop Cost: FREE
+ \$50 Registration Fee

A minimum of 15 participants will be required in order for this program to run.

Return By Mail To: Registrar – Climate Change
Please make check payable to: Dauphin Island Sea Lab
 101 Bienville Blvd
 Dauphin Island, AL 36528
 Phone: (251) 861-2141 ext 7515 Fax: (251) 861-7421

Please enroll me in Climate Change in the Gulf of Mexico. I currently teach science in grades(s):
() K-4 () 5-8 () 9-12
I plan to take this course for CEUs _____

Name: (Please Print) _____

Home Address: _____
 Street City

 State Zip Code County
Home Phone: () _____ Cell Phone: () _____

Work Address: _____
 Name of School/Employer County
 Street City State Zip Code

Email: _____ Work Phone: () _____
 Best to contact you on

Signature _____ Male _____ Female _____
 (for lodging assignment)

Please list special needs due to diet, medical conditions and/or disabilities requiring accommodation.

METHOD OF PAYMENT: VISA MASTERCHARGE AMERICAN EXPRESS
 CHECK PURCHASE ORDER

CREDIT CARD NUMBER: _____ EXP. DATE: _____

SIGNATURE: _____

Confirmation Must Be Made In Advance by Purchase Order or Check. Checks should be made out to Dauphin Island Sea Lab. Please Copy This Form for Each Teacher You Send.

***ALL DORMS AND CLASSROOMS ARE NON-SMOKING FACILITIES**

NOTE: This summer workshop is a field based program that involves extensive outdoor activities.
 The Discovery Hall Program reserves the right to cancel the program in the event enrollment is inadequate. Non-compliance with the rules of the program may result in expulsion.
 \$50 non-refundable registration fee must accompany this form.

The Marine Environmental Sciences Consortium, a member of the Southern Association of Marine Laboratories and the National Association of Marine Laboratories, is an equal opportunity/affirmative action employer. MESC does not discriminate on the basis of race, religion, color, sex, age, national origin or disability.



Project Design and Evaluation Workshop,
October 5-6, 2010
8:00am - 4:30pm each day



Grand Bay NERR
6005 Bayou Heron Road
Moss Point, MS 39562

Do you ever ask yourself, “How do I best design my project to effectively reach its goals?” or “Will my project meet the needs of my constituents?” NOAA Coastal Services Center, Mississippi Coastal Plain RC&D, Grand Bay NERR and Weeks Bay NERR announce a training opportunity for coastal resource, program and project managers to help you answer those questions.

On October 5 & 6, 2010 at Grand Bay NERR, plan to attend the Program Design and Evaluation Workshop. This course provides participants with the knowledge, skills, and tools to design and implement projects that have measurable impacts on the intended audience. The interactive curriculum can help increase the effectiveness of projects by applying instructional design theory including logic modeling. The course includes an introduction to evaluation elements.

Logic modeling is a concept at the heart of the effective program design and evaluation techniques taught in the course. Participants in the October workshop will be come away from the workshop with an understanding logic modeling and be able to apply the technique to future project.

Registration fee for the course is \$15.00. Course materials and lunches will be provided.

To build on this introduction to evaluation, mark your calendar for Planning for Meaningful Evaluation Workshop in March 2011. The course addresses in detail the increasing demand for evidence of program accountability and impact by preparing participants for a meaningful evaluation. The purpose of the training is to provide an in depth understanding of the elements of evaluation, so that participants are able to make informed choices to create fundamentally sound evaluation plans for existing or longstanding programs. Learn more in October. *Special Note: participation in the Project Design and Evaluation Workshop is a prerequisite for the Planning for Meaningful Evaluation Workshop.*

Workshop is jointly hosted by NOAA Coastal Services Center, Mississippi Coastal Plain Resource Conservation & Development Council, Inc., Mississippi Department of Marine Resources, Alabama Department of Conservation and Natural Resources/Lands Division and the Coastal Training Programs of the Grand Bay and Weeks Bay National Estuarine Research Reserves.

Registration Form

Project Design and Evaluation Workshop,
October 5-6, 2010
8:00am - 4:30pm each day

Workshop location:
Grand Bay NERR
6005 Bayou Heron Road
Moss Point, Mississippi

Name: _____

Mailing Address: _____

Agency/Business: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ E-mail: _____

Vegetarian ? _____ yes _____ no Other dietary needs? _____

Registration is due by September 22, 2010. Fee for the workshop is \$15.00. Workshop partners reserve the right to cancel the training event at their discretion. No refunds of registration fee will be granted after September 22, 2010. Space is limited, so early registration is recommended. The use of credit cards is permitted. Please call the Mississippi Coastal Plain RC&D, Inc. at 601-528-5133 for credit card details. Make checks or P.O.s payable to Mississippi Coastal Plain RC&D, Inc. and mail to:

Mississippi Coastal Plain RC&D, Inc.
Re: Project Design and Evaluation Workshop
P. O. Box 506
Perkinston, MS 39573

For questions about registration, please contact
Amanda Gaskin (601-528-5133)

For questions about workshop content , please contact
Avia Huisman (228-475-7047 & avia.huisman@dmr.ms.gov) or
Michael Shelton (251-928-9792 & michael.shelton@dcnr.alabama.gov)

Workshop Announcement

Public Issues and Conflict Management

November 9th & 10th, 2010

9:00 a.m. to 5:00 p.m. each day

***Presented by Grand Bay National Estuarine Research Reserve Coastal Training Program;
Mississippi Department of Marine Resources; and
National Oceanic and Atmospheric Administration's Coastal Services Center***

Workshop Overview:

This two-day instructor-led course is designed to increase participants' ability to design, conduct, and control public or targeted meetings. Participants will learn techniques to reduce conflict, enhance cooperation, and achieve meeting objectives in a timely manner. They will also learn how to use and practice facilitation skills to enhance communication between diverse groups with multiple perspectives.

After completing this course, participants will be able to Design and conduct collaborative processes for reaching consensus on public issues and Understand how to deal effectively with the media in the public issues management process.

Agenda Highlights:

Meeting Design & Planning, Managing Groups & Teams, Facilitation Skills & Tools, Decision Making, Team Development, Conflict Management, Understanding Change & Resistance to Change, Dealing with Difficult People, Collaborative Processes, Decision Implementation, and Dealing with the Media

Instructors:

Ann Weaver, NOAA Gulf Coast Services Center

Karen Guglielmono, Collaboration Consultant to NOAA Coastal Services Center

Course Fee:

\$15.00 – This includes the costs of course materials and lunch for both days

SEATING IS LIMITED AND IS EXPECTED TO FILL QUICKLY.

The deadline for pre-registration is Tuesday October 26, 2010.

For additional information about this event, please contact
Avia Huisman (228)475-7047; avia.huisman@dmr.ms.gov

Registration Form

Public Issues and Conflict Management

November 9th & 10th, 2010
9:00am - 5:00pm each day

Workshop location:

**Grand Bay National Estuarine Research Reserve
6005 Bayou Heron Road
Moss Point, Mississippi**

Name: _____

Mailing Address: _____

Agency/Business: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ E-mail: _____

Vegetarian ? _____ yes _____ no Other dietary needs? _____

Registration is due by Tuesday October 26, 2010. Fee for the workshop is \$15.00.

Workshop partners reserve the right to cancel the training event at their discretion. No refunds of registration fee will be granted after October 26, 2010.

Space is limited, so early registration is recommended.

Please make checks or POs for \$15.00 payable to the Mississippi Department of Marine Resources (DMR) and mail this form with payment to:

Avia Huisman
Grand Bay NERR
6005 Bayou Heron Road
Moss Point, MS 39562

If you have any questions, please call the NERR at 228-475-7047 or e-mail Avia Huisman at avia.huisman@dmr.ms.gov.

Please help honor your fellow SAME members by filling out the form below.

Southern Association of Marine Educators

Awards Application

Deadline: October 1, 2010

Please complete this form and mail to: Jean May-Brett
1627 Taylor St
Kenner, LA 70062

Or, attach to email and send to jean.may-brett@la.gov

If you have questions, please call Jean May-Brett at: 225-342-8993.

Please check one:

Nomination for: _____ Outstanding Educator _____ Outstanding Resource

SAME awards are presented to individuals for service to the association

Nominee's Information:

Name: _____

Address: _____

City, state, and zip code: _____

Day phone: _____ Eve Phone: _____

Email: _____

Occupation: _____

Place of work: _____

List his/her contributions to SAME: _____

Give examples of his/her service to the fields of marine or aquatic science

Unique or extraordinary accomplishments in the fields of marine or aquatic science.

Please list any other reason you believe he/she is deserving of this award.

Your contact information:

Name: _____

Phone: _____

Email: _____



Deadline for submissions to the Spring SAME Bi-Annual Newsletter is Friday, March 25, 2010. Activities, events, websites and book reviews should be directed to: Sara Johnson, Dauphin Island Sea Lab, 101 Bienville Blvd, Dauphin Island, AL 36528. Fax number: (251) 861-7421 Email: sejohnson@disl.org