TEACHER PD AT GCRL
Watershed Explorations I – Meaningful Watershed Educational Experiences
ITINERARY

Friday, November 15, 8:00 a.m. – 4:00 p.m.
Field Studies Building Room 102 and outside

7:45 am  Registration and refreshments *
CEU paperwork

8:00 am  Pretest *

8:15 am  Activity: Sense of Place
Lecture: Watersheds (Definition; Scales; Connecting inland and coast); What constitutes a Meaningful Watershed Educational Experience (MWEE)?

10:00 am  Break *

10:15 am  Lecture: Introduction to GPS and Maps
Activity: GPS Scavenger Hunt
Activity: Locate Yourself! Map Your Watershed Outside

12:00 pm  Lunch in GCRL cafeteria *

12:45 pm  Lecture: Natural and Anthropogenic Watershed Impacts

2:00 pm  Activity: Change Detection Analysis of Pascagoula River

3:30 pm  Discussion: The full MWEE: Connecting classroom activities to field activities

4:00 pm  Adjourn for the day *

Saturday, November 6, 8:15 a.m. – 4:00 p.m.
GCRL Parking Lot, Pascagoula River Field Trip, GCRL Computer Lab

8:00 am  Meet, drive to Mary Walker Bayou, Gautier, board pontoon boat *

8:30 am  Educational cruise along salinity gradient of Pascagoula River
Outdoor MWEE activities (Map and GPS use; Water sample collection and analysis; Bottom sediment sample collection; Site description: landscape)
Discussion of human modifications and natural phenomena along the way

12:00 pm  Picnic lunch at dock *

12:30 pm  Drive to GCRL *

1:00 pm  Applying the MWEE to your watershed Computer Lab – Caylor 103

3:45 pm  Posttest *
4:00 pm  Adjourn *

* Activities outside of instructional time

This program provides location-specific information to address the following content areas.

MASGC Focus Areas

Healthy Coastal Ecosystems  http://www.masgc.org/page.asp?id=195

Ocean Literacy

1: The Earth has one big ocean with many features (d,f,g,h)

2: The ocean and life in the ocean shape the features of earth (b,c,e)
   http://oceanliteracy.wp2.coexploration.org/ocean-literacy-framework/principle-2-v2/

6: The ocean and humans are inextricably interconnected. (a-g)
   http://oceanliteracy.wp2.coexploration.org/ocean-literacy-framework/principle-6-v2/

FOR MORE INFORMATION

PLEASE CONTACT:

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B-WET