

Seminar on Red Tides in North Florida: Ecology, Impacts and Response Activities

May 11, 2006

9:00 am – 4:30 pm (Eastern Time)

St. Joseph Bay State Buffer Preserve
Gulf County, Florida

Sponsored by

Coastal Training Program
Apalachicola National Estuarine Research Reserve
Apalachicola, FL



and

Aquatic Toxins Program
Division of Environmental Health
Florida Department of Health
Tallahassee, Florida



Seminar on Florida Red Tide: Public Health, Ecology and Response Activities

This seminar will bring together scientists and health officials from a variety of government and scientific institutions to discuss the current knowledge on Florida Red Tide with special emphasis on the North Florida experience.

Objectives include:

1. Increased understanding of ecological consequences of Florida Red Tide;
2. Increased understanding of public health consequences of Florida Red Tide;
3. Identification of agencies and programs involved in red tide research;
4. Identification of statutory roles of agencies with respect to response;
5. Coordination opportunities between agencies;
6. Determine future training or workshop needs.

When: May 11, 2006
9:00 am – 4:30 pm EDT

Where: The seminar will be held at the St. Joseph Bay State Buffer Preserve (SJBSBP), in Gulf County, Florida near Port St. Joe on C-30A just 5 miles south of US 98. The SJBSBP is managed by the Florida Department of Environmental Protection, Office of Coastal and Aquatic Managed Areas (CAMA) through the Apalachicola Reserve.

Directions: The St. Joseph State Buffer Preserve center is on CR-30A between Port St. Joe and the turnoff to Cape San Blas (CR 30E). The Center has three light yellow buildings connected by wooden decks and large parking area. There is a large sign for the Buffer Preserve on the landward side with arrow pointing east and a road with a large arched entry - **This is not the Preserve Center** entrance. The Center is on the west side/bay side of the road, just north of that other sign.

From North/West on US 98 (Port St. Joe or Panama City)

- Go south/east past Port St. Joe and travel south/east on US 98.
- Turn right off US 98 where CR 30 (A) splits from US 98 and go 4.5 miles on CR-30A.
- The Center will be on your right (waterward side of the road).

From the South/East (Tallahassee, Apalachicola) on US 98)

- Go west past Apalachicola several miles on US 98 (4.7 miles west of the turn-off for the Apalachicola airport)
- Turn left off US 98 at the curve onto CR-30.
- Go past Indian Pass and stay on CR-30A -- keep right after the sharp curve (do not turn on C-30E which goes left to Cape San Blas).
- Go 2.5 miles, the Buffer Preserve Center will be on your left (waterward side of the road).

For people flying, it is best to come into Panama City.

If driving from west of Panama City or east of Perry, attendees should probably take I-10 to HWY 71, then south (long drive) to Port St. Joe.

**PLEASE RSVP BY MAY 8 to Rosalyn Kilcollins at (850) 653-8063, ext. 13, or
Rosalyn.Kilcollins@dep.state.fl.us**

Agenda:

- 9:00 - 9:15 Introduction: Rosalyn F. Kilcollins, Coastal Training Program Coordinator Apalachicola National Estuarine Research Reserve; and Andrew Reich; Coordinator: Aquatic Toxins Program, Florida Department of Health (FDOH)
- 9:15 - 9:45 Historical perspective of North Florida Red Tides: Karen Steidinger, Fish and Wildlife Research Institute, Florida Fish and Wildlife Conservation Commission (FWRI)
- 9:45 -10:10 Historical Review of Florida Red Tide Impacts on Aquatic Organisms in NW Florida: Jan Landsberg, FWRI
- 10:10- 10:30 Ecology and Nutrient Dynamics of Florida Red Tides: Merrie Beth Neely, FWRI
- 10:30 - 10:50 Perspectives from the Apalachicola National Estuarine Research Reserve: Speaker to be Announced
- 10:50 - 11:00 Break
- 11:00 - 11:20 Overview of the Florida Red Tide Toxins, Brevetoxins, in the Food Web and Relevance to Public Health: Leanne Flewelling, FWRI
- 11:20 - 11:40 Florida Red Tide Monitoring and Reporting: Jay Abbott, FWRI
- 11:40 - 12:00 Discussion on Additional Ecological Studies on Red Tide
- 12:00 - 1:00 Lunch on Site: Attendees can purchase lunch of sandwiches, Greek salad, and iced tea or soda. Cost will be \$8 per person – check or cash only.
- 1:00 - 1:15 Review of Morning Session
- 1:15 - 1:30 Local Health Perspective - FDOH County Health Department Experience: Samantha Rivers, Epidemiologist, Escambia County Health Department
- 1:30 - 2:00 Florida Red Tide: Health Studies and Current Activities: Barbara Kirkpatrick, Mote Marine Laboratory
- 2:00 - 2:30 Red Tide Management for Shellfish Harvesting Areas: Joseph Shields, Central Gulf Coast District – Apalachicola, DACS
- 2:30 – 3:00 Food Aspects of Florida Red Tide: Neurotoxic Shellfish Poisonings: Roberta Hammond, Food and Waterborne Illness Surveillance Program, FDOH
- 2:40 - 3:15 Florida Red Tide: Public Health Response Planning and Implementation: Andrew Reich, Aquatic Toxins Program, FDOH
- 3:15 - 4:30 Open Discussion
- 4:30 Adjournment