

Title: Workshop to Coordinate Gulf of Mexico Hypoxic Zone Research
Day 1: Fishery Impacts; Day 2: Improving Monitoring

Where: Meeting at Bay Waveland Yacht Club, Bay St. Louis, Miss.
Hotel: Hollywood Casino Hotel

When: 17-18 Feb. 2010

Sponsored by: Northern Gulf Institute, NOAA Gulf of Mexico Regional Collaboration Team, NOAA NCCOS Center for Sponsored Coastal Ocean Research

Day 1 – Fishery Impacts

Goals:

1. To present new results on hypoxia impacts on living resources and determine implications for follow-up research to advance understanding and management;
2. To exchange information on upcoming research plans in order to promote/establish collaborations;
3. To connect researchers and managers to disseminate advances in understanding and develop strategies for application of findings and tools (models, bioindicators) to management;
4. To develop a plan to coordinate research on hypoxia impacts in FY10 and future years to ensure that collaborations are sustained and management application is effective.

Output: White Paper - “Hypoxic Zone Impacts on Gulf Fisheries – Plan for Coordinating Research and Management Application”

Day 2 – Improving Hypoxic Zone Monitoring

Goals:

1. To coordinate all FY10 monitoring efforts to reduce redundancy, and ensure that researchers and managers are aware of suite of monitoring surveys;
2. To coordinate monitoring data exchange, and ensure timely access;
3. To develop communication strategy to coordinate Hypoxia Monitoring Stakeholders Committee with other outreach networks;
4. To revise, as needed, the Gulf of Mexico Hypoxia Monitoring Implementation Plan, <http://www.ncddc.noaa.gov/activities/gulf-hypoxia-stakeholders/view>;
5. To explore ways to secure operational support.

Outputs:

1. FY10 Hypoxic Zone Monitoring Coordination Plan
2. Revised Gulf Hypoxia Monitoring Implementation Plan
3. Data Management Plan
4. Communications Plan

Draft Agenda

Wednesday, 17 February

- 7:30-8:30 a.m. Breakfast and Registration
- 8:30-8:40 a.m. William Walker: Welcome
- 8:40-8:50 a.m. Libby Jewett: Overview of Day 1 goals and activities
- Plenary Session 1: New and Ongoing NGOMEX Research
(Libby Jewett, Session Chair)
- 8:50-9:15 a.m. Kevin Craig – shrimp study; bioeconomics
- 9:15-9:30 a.m. Peter Thomas – croaker reproduction effects
- 9:30-9:45 a.m. Mike Roman – pelagic fish
- 9:45-10:00 a.m. Kenny Rose - modeling
- 10:00-10:15 a.m. Group Discussion – Panel format
- 10:15-10:30 a.m. Break
- Plenary Session 2: Fisheries Research and Management Needs
(Buck Sutter, Session Chair)
- 10:30-10:45 a.m. speaker tbd – NMFS goals, short- and long-term goals with respect to hypoxic zone impacts (from Research standpoint)
- 10:45-11:00 a.m. Buck Sutter – NMFS directives, goals (from Regulatory standpoint)
- 11:00-11:15 a.m. Rex Herron – SEAMAP findings on D.O./groundfish relationships
- 11:15-11:30 a.m. Woody Nero – hypoxic zone impacts on shrimp
- 11:30-11:45 a.m. Myron Fischer - LA State Fisheries: Management drivers and hypoxia information needs
- 11:45 a.m.-noon Federal Fisheries Manager tbd - Management drivers and hypoxia information needs
- Noon–1:00 p.m. Lunch

Time tbd Alan Lewitus - Lunchtime seminar to Rotary Club
1:00-1:15 p.m. Plenary Session 2 Group Discussion – Panel format

Working session 1: Fishery Managers' Needs
(divide into 2-3 breakout groups, each addressing same issue):

1:15-2:00 p.m. Working Session

2:00-2:10 p.m. Break

2:10-2:25 p.m. Report out

Working Session 2: Tools for Assessing Hypoxia Impacts and their Transition to Management Application
(divide into 2-3 breakout groups, each addressing same issue):

2:25-3:15 p.m. Working Session

3:15-3:25 p.m. Break

3:25-3:40 p.m. Report out

Working Session 3: Coordinating Research in FY10 and Beyond
(All participate in same room)

3:40-4:20 p.m. Working Session

4:20-4:30 p.m. Break

4:30-4:45 p.m. Report out

Thursday, 18 February

7:30-8:30 a.m. Breakfast and Registration

8:30-8:40 a.m. David Shaw: Welcome

8:40-9:00 a.m. Alan Lewitus: Overview of Gulf Hypoxia Monitoring Implementation Plan – history, management drivers, status

9:00-9:10 a.m. Alan Lewitus: Overview of Day 2 goals and activities

Plenary Session 1: FY10 Plans for Monitoring Surveys and Observing Systems
(Alan Lewitus, Session Chair)

- 9:10-9:25 a.m. Nancy Rabalais – surveys and observing systems
- 9:25-9:40 a.m. Steve DiMarco – surveys and observing systems
- 9:40-10:00 a.m. Steve Lohrenz or Stephan Howden – Miss. Bight surveys, observing system, AUV plans
- 10:00-10:15 a.m. Nelson May - SEAMAP
- 10:15-10:30 a.m. Break
- 10:30-10:45 a.m. Kevin Briggs – NRL study
- 10:45-11:00 a.m. Robert Twilley – LSU Observing System

Working Session 1: Coordinating FY10 monitoring efforts: filling out month-to-month matrix;
(All participate in same room)

- 11:00 a.m.-noon Working Session
- noon-1:00 p.m. Lunch

Working Session 2: Coordinating FY10 plans for monitoring system requirements:

Breakout 1: Data Management (Russ Beard, Moderator):

Breakout 2: Outreach and Education - coordinating Hypoxia Monitoring Stakeholder Committee with other outreach networks:

Breakout 3: AUV's and Observing Systems (TBD)

- 1:00-2:00 p.m. Working Session
- 2:00-2:20 p.m. Report outs

Working Session 3: Identifying partnering activities and funding sources for sustaining and expanding FY10 monitoring capabilities – i.e. revising the Implementation Plan
(All participate in same room)

- 2:20-2:40 p.m. Break

- 2:40-3:10 p.m. System Requirement 1: Increasing number of surveys, and optimizing number of sampling sites (task analysis ahead of meeting)
- 3:10-3:40 p.m. Updating the implementation plan
- 3:40-4:10 p.m. Discussion on additional operational support
- 4:10-4:20 p.m. Alan Lewitus – Closing Remarks

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