

GCOOS/GOMA HABIOS Workshop #2

April 21-23, 2009

St. Petersburg, Florida

Final Agenda

Meeting Objectives:

- Bring all participants up to date on work since November, 2007 Workshop.
- Identify current Harmful Algal Bloom (HAB) observing system components.
 - Summary of November 2007 Workshop Report
 - Hear reports from each of the regions around the Gulf of Mexico
- Identify the user groups for HABs information.
- Identify the specific data and product needs for the various user groups.
- Define the gaps in HABs data and products, and in prediction, detection, tracking & monitoring, and forecasting of HABs
- Provide input on the structure of an observing system to provide the identified data and products
- Identify the preferred sequence for delivering the data and products that are identified.

DAY ONE: Tuesday, April 21, 2009

- 7:30 am **COFFEE AND REGISTRATION**
- 8:00 am **WELCOME AND OPENING REMARKS**
Nancy Rabalais, Executive Director and Professor, Louisiana Universities Marine Consortium (LUMCON)
- 8:15 am **AGENDA REVIEW, LOGISTICS OF THE DAY**
Janice Fleischer, FLASH Resolutions, Facilitator
- 8:30 am **WORKSHOP GOALS**
Steve Wolfe, Program Administrator, GOMA Water Quality Team Coordinator, Office of Coastal and Aquatic Managed Areas, FL Dept. of Environmental Protection
- 8:50 am **BACKGROUND AND REVIEW OF CURRENT DRAFT HABIOS PLAN**
Ann Jochens, Ph.D., Regional Coordinator, Gulf of Mexico Coastal Ocean Observing System Regional Association, and Research Scientist, Oceanography, Texas A&M University
- 9:20 am **BREAK**

UPDATES: U.S. GULF STATES AND MEXICO

9:30 am

STATE REPORTS

STEVEN WOLFE, MODERATOR

- **Florida**
Andy Reich, Coordinator, Aquatic Toxins Program, FL Department of Health
- **Alabama**
Hugh MacIntyre, Ph.D., Senior Marine Scientist, Dauphin Island Sea Lab, and Assistant Professor, University of South Alabama
- **Mississippi**
Bradley Randall, Biological Program Coordinator, Shellfish Bureau, MS Dept. of Marine Resources
- **Louisiana**
Sibel Bargu, Ph.D., Assistant Professor, Department of Oceanography & Coastal Sciences, Louisiana State University
- **Texas**
Meridith Byrd, HAB Response Coordinator, Texas Parks and Wildlife

11:00 am

BREAK

11:15 am

MEXICO

Jorge Herrera, Ph.D., Profesor Titular, CINVESTAV-IPN Unidad Mérida

Porfirio Alvarez Torres, Ph.D., Director for Regional Integration, SEMARNAT-MEXICO

11:45 am

UPDATES: OTHER AREAS

- **Public Health Perspective- State and Federal**
Andy Reich, Coordinator, Aquatic Toxins Program, FL Department of Health
- **Animal Health**
Jan Landsberg, Ph.D., Research Scientist, Fish and Wildlife Health, Fish & Wildlife Research Institute, FL Fish & Wildlife Conservation Commission
- **Federal FDA Perspective**
Robert W. Dickey, Ph.D., Director, Division of Seafood Science and Technology, FDA, CFSAN, Office of Food Safety, Gulf Coast Seafood Laboratory

12:15 pm **HABs OF THE GULF OF MEXICO**
Cindy Heil , Ph.D., Senior Research Scientist, Harmful Algal Bloom Program, Fish & Wildlife Research Institute, FL Fish & Wildlife Conservation Commission

12:45 pm **LUNCH (PROVIDED)**

FOCUS AREAS

1:45 pm **INTRODUCTION TO FOCUS AREAS**
Ann Jochens, Ph.D., Regional Coordinator, Gulf of Mexico Coastal Ocean Observing System Regional Association, and Research Scientist, Oceanography, Texas A&M University

2:00 pm **PREDICTION/DETECTION**
Cindy Heil , Ph.D., Senior Research Scientist, Harmful Algal Bloom Program, Fish & Wildlife Research Institute, FL Fish & Wildlife Conservation Commission

2:50 pm **TRACKING AND MONITORING**
Gary Kirkpatrick, Ph.D., Program Manager, Phytoplankton Ecology Program, Mote Marine Laboratory

3: 15 pm **BREAK**

3:30 pm **FORECASTING**
Shelly Tomlinson, Oceanographer, NOAA National Ocean Service

4:00 **IDENTIFY USER AND AFFINITY GROUPINGS**
Janice Fleischer, Facilitator

5:30 **ADJOURN**

DAY TWO: Wednesday, April 22, 2009

8:00 am **SIGN IN AND COFFEE**

8:30 am **GENERAL DISCUSSION: PREDICTION, DETECTION, TRACKING & MONITORING, FORECASTING**
Janice Fleischer, Facilitator

10:00 am **BREAK**

IDENTIFYING DATA AND PRODUCT NEEDS

10:15 am **PRESENTATIONS AND GROUP EXERCISE: DATA AND PRODUCT NEEDS**

Data and product needs: Perspective of a health official

*Carol Dorsey, Supervisor, Alabama Dept. of Public Health, Mobile Division
Laboratory*

*David Heil, Ph.D., Assistant Director, Division of Aquaculture, FL Dept. of
Agriculture and Community Services*

Data and product needs: Perspective of an environmental manager

Meridith Byrd, HAB Response Coordinator, Texas Parks and Wildlife Department

Data and product needs: Perspective of a data manager

*Scott L. Cross, Ph.D., East Coast Liaison, NOAA/NESDIS/NCDDC at Center for
Coastal Environmental Health and Biomolecular Research*

- 11:15 am **IDENTIFY THE NEEDS OF EACH USER GROUP**
- 12:30 pm **LUNCH (PROVIDED)**
- 1:30 pm **SMALL GROUPS: IDENTIFYING THE GAPS**
- 3:00 pm **BREAK**
- 3:15 pm **IDENTIFYING THE GAPS: SMALL GROUP REPORTS AND PLENARY DISCUSSION**
- 4:30 pm **INITIAL DISCUSSION OF CONSIDERATIONS TO USE (HOW TO?) IN
SEQUENCING USER NEEDS (DATA, PRODUCTS AND INFORMATION NEEDS)**
- 5:30 pm **ADJOURN**

DAY THREE: Thursday, April 23, 2009

- 7:30 am **SIGN IN**
- 8:00 am **PRIORITIES FOR DATA, PRODUCTS AND INFORMATION NEEDS**
- 9:00 am **BREAK**
- 9:15 am **PLENARY DISCUSSION OF STRUCTURE OF INTEGRATED OBSERVING SYSTEM**
- 10:00 am **WHAT ARE STEPS TO MOVE INTO AN IMPLEMENTATION PLAN**
- 11:45 am **FOLLOW UP**
- Document drafting
 - Date of next meeting
- 12:00 pm **ADJOURN**