

Hypoxia in the Northern Gulf of Mexico  
Assessing the State of the Science

April 25-27, 2006 (3 full days)  
Royal Sonesta Hotel  
300 Bourbon Street  
New Orleans, LA 70130

Symposium Agenda with Presentation Handouts

**Tuesday, April 25**

- 7:30 – 8:00 Registration**
- 8:00 – 8:20 Welcome, Introduction & Symposium Format**  
Rick Green, EPA Office of Research & Development  
Rob Magnien, NOAA Center for Sponsored Coastal Ocean Research
- 8:20 – 8:50 Reassessment of the 2001 Action Plan**  
Diane Regas, EPA Office of Water  
Jack Dunnigan, NOAA National Ocean Service
- 8:50 – 9:50 Challenges in the Upper Mississippi River Sub-Basin**  
Dennis McKenna, Illinois Department of Agriculture  
[Presentation Handout](#)  
James Baker, Iowa State University  
[Presentation Handout](#)

**Session 1**

- 9:50 – 10:50 Characterization & Long-Term Trends of Hypoxia in the Northern Gulf of Mexico**  
Nancy Rabalais, Louisiana Universities Marine Consortium  
[Presentation Handout](#)
- 10:50 – 11:00 Break**
- 11:00 – 11:45 Panelists' Discussion and Q & A**
- 11:45 – 12:15 Audience Q & A**
- 12:15 – 1:30 Lunch**

**Session 2**

- 1:30 – 2:30 Causes of Hypoxia I: Characterization of Nutrient and Organic Matter Loads**  
Eugene Turner, Louisiana State University  
[Presentation Handout](#)

- 2:30 – 3:15 Panelists' Discussion and Q & A**
- 3:15 – 3:25 Break**
- 3:25 – 3:55 Audience Q & A**
- 3:55 – 4:00 Closing Remarks & Adjourn**
- 4:00 – 5:30 Reception**  
(You are invited to a social reception at the hotel.)

### **Wednesday, April 26**

- 8:15 – 8:30 Announcements**

#### **Session 3**

- 8:30 – 9:30 Causes for Hypoxia II: Influence of Physical Oceanographic Processes on the Distribution & Extent of the Hypoxic Zone**  
Steve DiMarco, Texas A&M University  
[Presentation Handout](#)

Assessing Processes affecting Coastal Hypoxia from Space: River Plumes and Algal Blooms  
Nan Walker  
[Presentation Handout](#)

- 9:30 – 10:15 Panelists' Discussion and Q & A**
- 10:15 – 10:30 Break**
- 10:30 – 11:00 Audience Q & A**

#### **Session 4**

- 11:00 – 12:00 Causes of Hypoxia III: Influence of Water Column Processes on Oxygen Dynamics Including Chemical & Biological Nutrient Transformations Leading to Hypoxia**  
Michael Dagg, Louisiana Universities Marine Consortium  
[Presentation Handout](#)

- 12:00 – 1:00 Lunch**
- 1:00 – 1:45 Panelists' Discussion and Q & A**
- 1:45 – 2:15 Audience Q & A**
- 2:15 - 2:30 Break**

## Session 5

- 2:30 - 3:30**    **Causes of Hypoxia IV: Benthic Processes Influencing Oxygen & Nutrient Dynamics**  
John Morse, Texas A&M University  
[Presentation Handout](#)
- 3:30 - 4:15**    **Panelists' Discussion and Q & A**
- 4:15 - 4:25**    **Break**
- 4:25 - 4:55**    **Audience Q & A**
- 4:55 - 5:10**    **Closing Remarks & Adjourn**

## Thursday, April 27

- 8:15 - 8:30**    **Announcements**

## Session 6

- 8:30 - 9:45**    **Modeling Applications**  
Dubravko Justic, Louisiana State University  
[Presentation Handout](#)
- 9:45 - 9:55**    **Break**
- 9:55 - 11:10**    **Panelists' Discussion and Q & A**
- 11:10 - 11:20**    **Break**
- 11:20 - 12:05**    **Audience Q & A**
- 12:05 - 1:15**    **Lunch**

## Session 7

- 1:15 - 2:15**    **Panelists' Summaries: Issues Addressed, Consensuses Reached & Gaps Remaining**
- 2:15 - 3:15**    **Panelists' Discussion and Q & A**
- 3:15 - 3:45**    **Closing Remarks**
- 3:45**            **Adjourn**