

FINAL AGENDA

The Second Southeast Fisheries Science Center
Geographic Information Systems Workshop and Metadata Workshop
Miami, Florida

Tuesday, February 4, 2003:

9:00 - 9:20 Introduction and Welcome
Alex Chester, Deputy Director, SEFSC
Steve Wong, SEFSC
Nelson May, Stennis Space Center Laboratory

SESSION 1: GIS INFRASTRUCTURE IN THE SEFSC

Overview of GIS Activities at the Miami Laboratory

9:20 - 9:40 [Using GIS in the studies of protected species,](#)
coral reef, and South Florida ecosystem, Steve
Wong

9:40 - 10:00 [Spatial data infrastructure,](#) Carlos Rivero

Overview of GIS Activities at the Panama City Laboratory

10:00 - 10:20 [Habitat mapping and GIS needs in the Eastern Gulf](#)
of Mexico, Gary E. Fitzhugh, Lyman E. Barger,
Andrew W. David, and Christopher T. Gledhill

10:20 - 10:30 BREAK

Overview of GIS Activities at the Mississippi Laboratory

10:30 - 10:50 [Near real time mapping of bottom hypoxia](#) in the
Western and North-central Gulf of Mexico, Nelson
May and Tom Leming

10:50 - 11:10 [Mapping SEAMAP ichthyoplankton data](#) in the
Northeast Gulf of Mexico, Joanne Lychzkowski-
Shultz and David Hanisko

Overview of GIS Activities at the Galveston Laboratory

11:10 - 11:30 [Modeling marsh edge interfaces](#) in the Northern
Gulf of Mexico, Phil Caldwell

11:30 - 1:30 LUNCH

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SESSION 2: TECHNICAL PRESENTATIONS BY INVITED SPEAKERS

- 1:30 - 2:15 [Tidal datums and their applications](#), Stephen K. Gill, NOAA, Center for Operational Oceanographic Products and Services, Silver Spring, Md.
- 2:15 - 3:00 [Metadata](#) - understanding the value and importance of proper data documentation, Mike Moeller, NOAA, Coastal Services Center, Charleston, S.C.
- 3:00 - 3:30 BREAK
- 3:30 - 4:15 [Practical aspects of horizontal and vertical reference systems](#), Ronnie L. Taylor, NOAA, National Geodetic Survey, Tallahassee, Fla.

Wednesday, February 5th:

SESSION 3: DEMONSTRATIONS

- 8:30 - noon [The Southeast Fisheries Science Center Information Resource Management Infrastructure](#), Daniel Leon and Susan Molina
- [Oracle/web based tools in the SEFSC coral reef program](#), Steve Wong, Peter Thompson, Doug Harper, Huaichen Yang, and Sandra Aguilar
- [Spatial infrastructure demonstration](#), Carlos Rivero
- noon - 1:30 LUNCH
- 1:30 - 4:30 ROUND TABLE DISCUSSION, SEFSC Support
- Implementation of metadata
Sources of data and software on the Internet
Data gaps and needs
Proposed SEFSC GIS web site
Standardization issues, i.e., data formats, reference datums, map projections, and etc.
Training needs
Inventory of GIS hardware and software Systems
Draft outline of conclusions and recommendations
- 4:30 Adjourn

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Thursday, February 6th:

8:30 - 10:00 [FGDC Metadata Workshop](#), Mike Moeller, NOAA,
Coastal Services Center, Charleston, S.C.

10:00 - 10:15 BREAK

10:15 - noon FGDC Metadata Workshop, continued

noon - 1:30 LUNCH

1:30 - 3:00 FGDC Metadata Workshop, continued

3:00 - 3:15 BREAK

3:30 - 4:30 FGDC Metadata Workshop, concluded

4:30 Adjourn