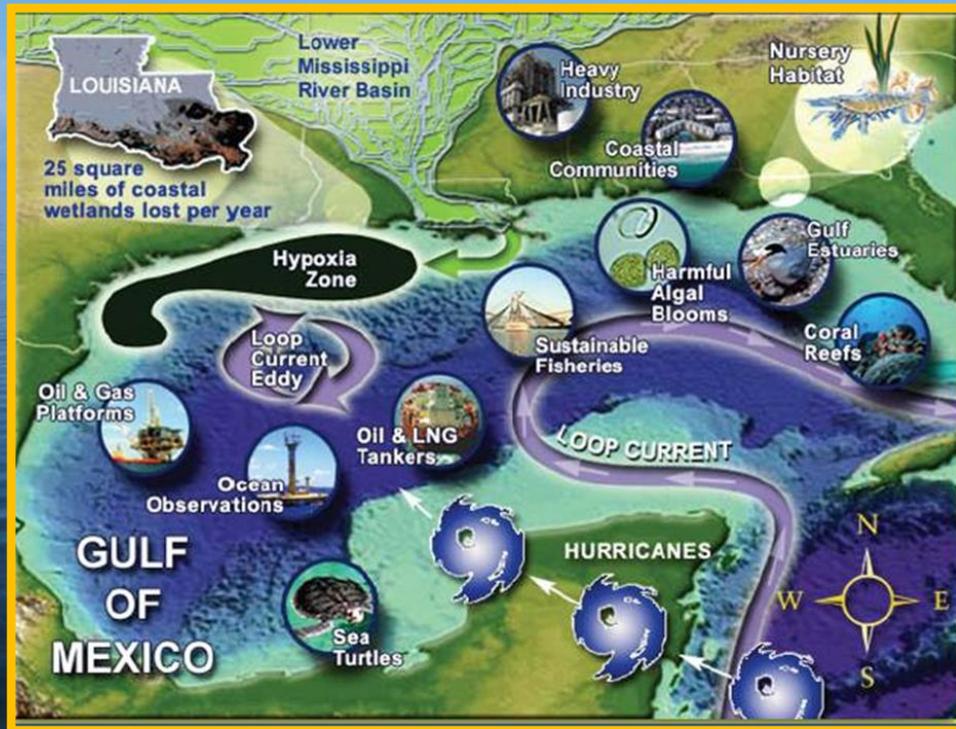
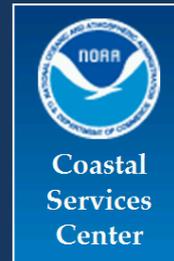


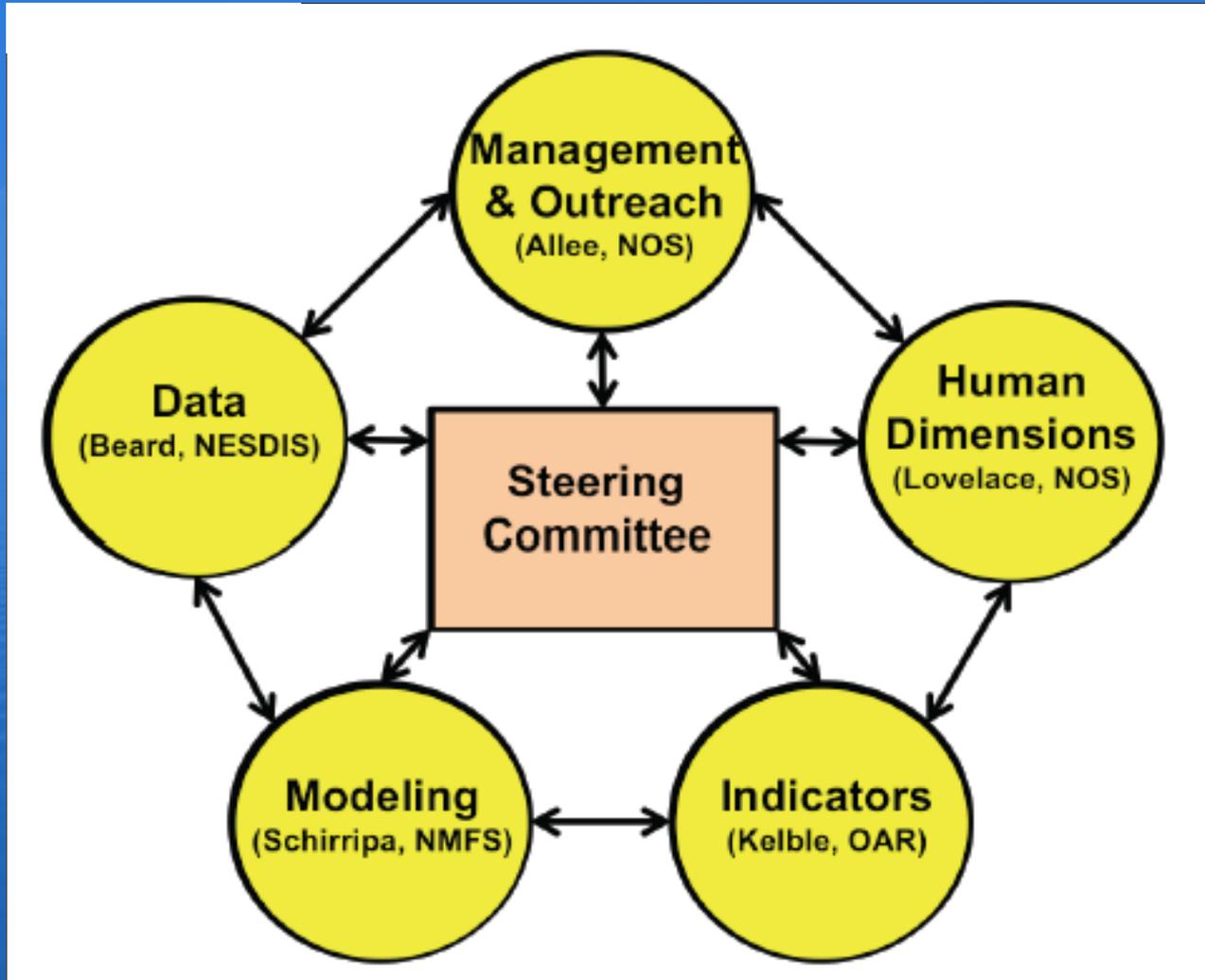
The Gulf of Mexico Integrated Ecosystem Assessment: Progress and Vision



LARGE AMBITIOUS GOALS USUALLY REQUIRE THAT PEOPLE WORK TOGETHER



GOM IEA Organizational Chart

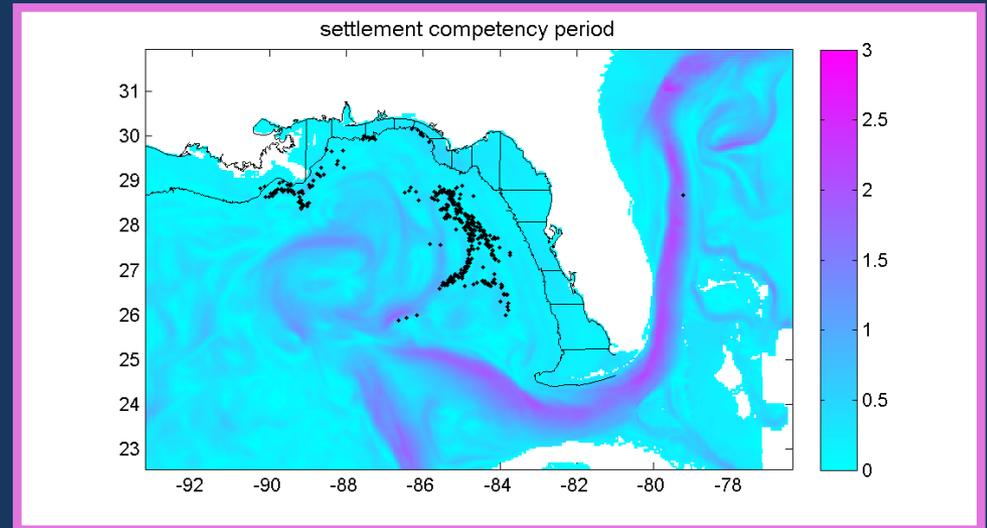


GOM IEA PROGRAM

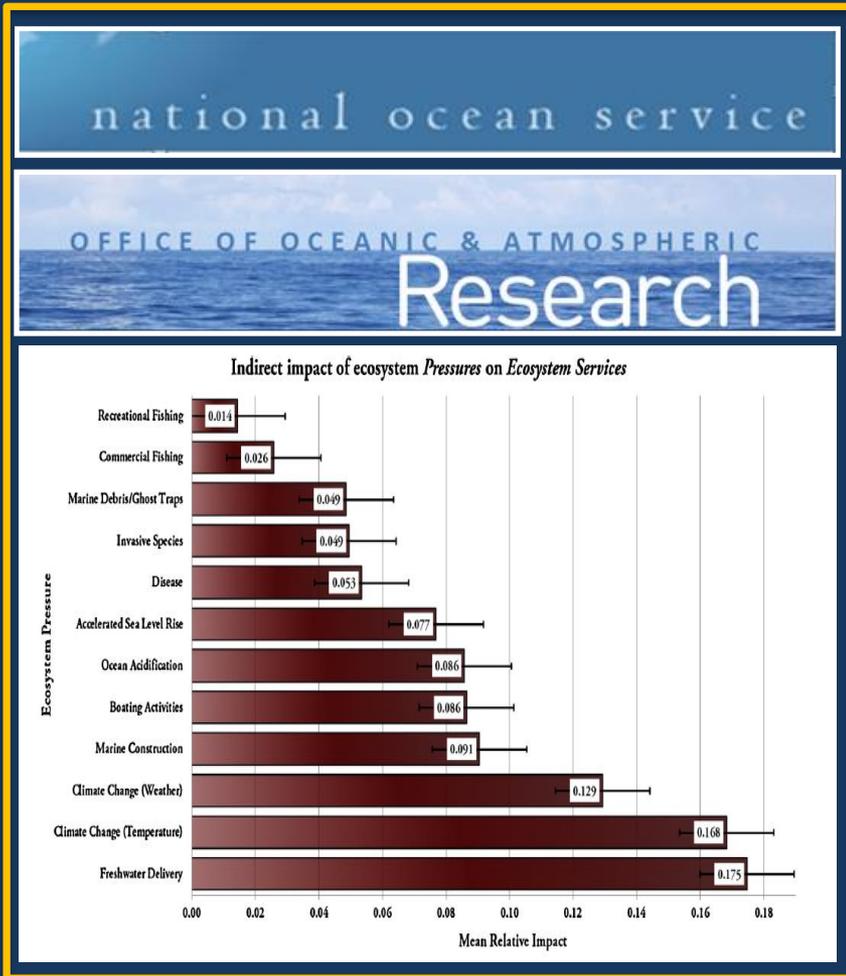
HOW HAS THE GULF OF MEXICO
IEA PROGRESSED SO FAR?

IEA CONTRIBUTIONS TO SEDAR PROCESS

- Established the first IEA Working Group in SEDAR 33 (GOM gag)
- That group successfully integrated red tide into the Gag stock assessment
- Using Conductivity Modeling System to examine role of physical oceanography in past and future recruitment events



ACROSS NOAA LINE OFFICE PARTNERSHIPS



NOAA NATIONAL COASTAL DATA DEVELOPMENT CENTER
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NOAA GULF OF MEXICO DATA ATLAS
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NOAA HOME WEATHER OCEANS FISHERIES CHARTING SATELLITES CLIMATE RESEARCH COASTS CAREERS

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Please Note: The following web browsers have been tested with the data atlas: Internet Explorer 7+ or higher, Mozilla Firefox 3+ or higher, Chrome 10+ or higher, or Safari 4+ or higher. Additionally, you must enable JavaScript and disable pop-up blocking for the data atlas to function properly.

Welcome to the Gulf of Mexico Data Atlas

Description
The study area encompasses Gulf of Mexico coastal counties of the USA, as defined by the Federal Coastal Zone Management Act, and Mexican municipal districts bordering on Gulf of Mexico waters. The seaward boundaries of the study area extend to the Yucatan Channel and the Straits of Florida.

Instructions
Data have been broken down into 8 categories: physical, biotic, living marine resources, economic activity, environmental quality, and jurisdiction. By hovering over one of these categories along the top of the map, you can access the datasets listed within a pop-up menu. Clicking on any one of these datasets will cause the map to refresh with the selected data displayed and details about the data itself displayed in this window.
If you wish to reset the map to its original settings, click on the reset button under the Base map category.
If you need additional instructions, click on the in the upper left corner of the map.

1866 Gulf of Mexico Data Atlas

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Disclaimer | Privacy Policy | Copyright Notice | USA.gov

Information Quality | Freedom of Information Act (FOIA)
Customer Service | NCCDC: data_atlas@noaa.gov

Map RSS Feed

ICAN

50 IODE

FEEDBACK
Tell us what you think

Based on the idea of a traditional atlas but offered via the Internet by NOAA, the Gulf of Mexico Data Atlas provides answers to questions related to the physical environment, marine resources, and economic activity in the Gulf of Mexico. Information is presented in the form of map plates with descriptions, written by recognized subject matter experts, explaining how the data were gathered and how they are relevant. The Gulf of Mexico Data Atlas has data from federal, state, non-governmental agencies, and academia.

GOM ECOSYSTEM STATUS REPORT



NOAA Technical Memorandum NMFS-SEFSC-653

ECOSYSTEM STATUS REPORT FOR THE GULF OF MEXICO

Mandy Karnauskas, Michael J. Schirripa, Christopher R. Kelble, Geoffrey S. Cook and J. Kevin Craig

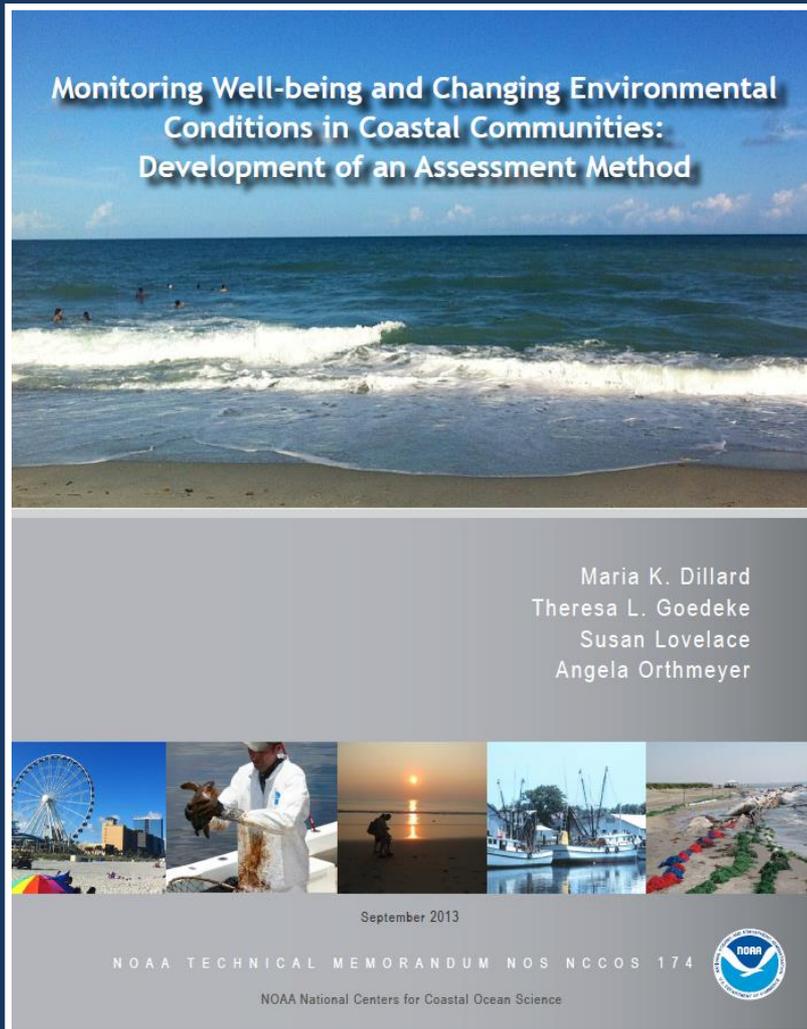


U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Southeast Fisheries Science Center
75 Virginia Beach Drive
Miami, Florida 33149

December 2013

- Report potential Ecosystem Indicators for tracking the state of GOM
- Synthesize existing information
- Facilitate discussion of Integrated Ecosystem Assessment within the scientific and management community

MONITORING HUMAN WELL-BEING



- Tracking links between Ecosystems and Communities
- Quantitative Indicators of Human Well-being
- The research project has helped to move NOAA closer to its goals of (1) detecting and monitoring the interdependent condition of people and ecosystems, and 2) improving its understanding of the needs of the nation relative to its mission.

ACADEMIC PARTNERSHIPS



GoMexSI

Gulf of Mexico
Species Interactions

Welcome!

[Login](#) | [Register](#)
For Database Access

Welcome to the GoMexSI Project

Supported and maintained by the [Center for Coastal Studies](#) at TAMUCC

Watch the GoMexSI Video



Map visualization by John Andrews and James Gibault

49

References/Contributors

1,520

Unique Interactors

69,584

Total Interactions

The Vision Ahead

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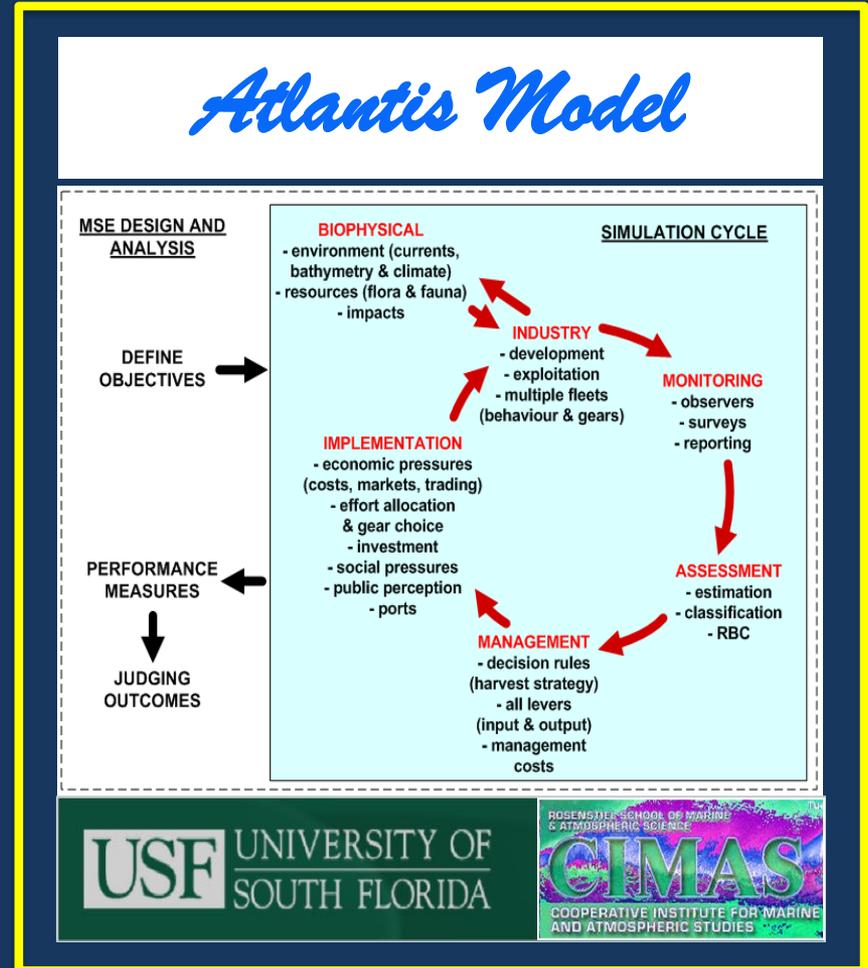
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TEXAS A&M UNIVERSITY CORPUS CHRISTI

THE ISLAND UNIVERSITY



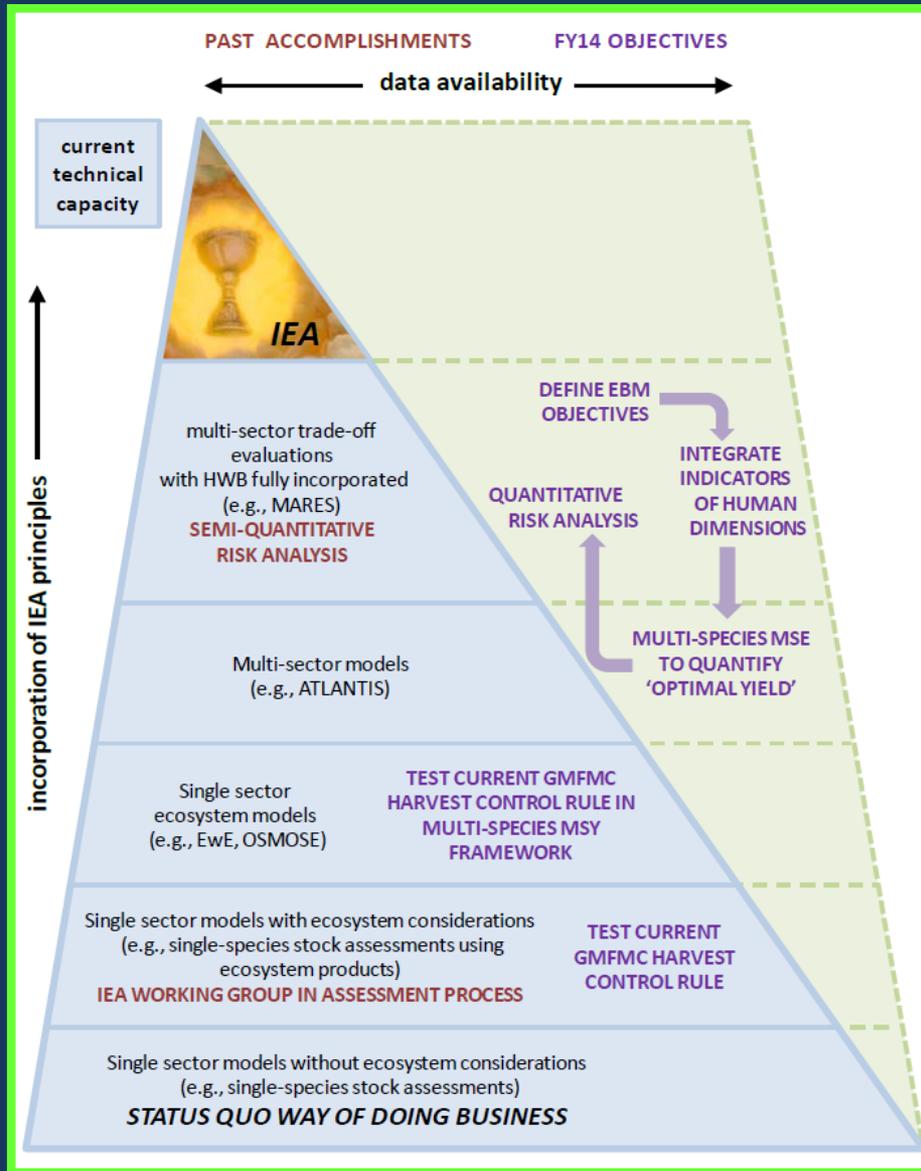
LEVERAGED FUNDING

1. New Marine Fisheries Initiative (MARFIN) RFP Priority
 - Integrated Ecosystem Assessments: modeling, diet, socioeconomics, data resurrection, identification of drivers and pressures
2. Florida Sea Grant
 - Funding the Atlantis and EwE modeling effort
3. Marine and Estuarine Goal Setting for South Florida (MARES)
 - Conceptual model development and test drive DPSEER
4. Habitat Assessment Improvement Program (HAIP)
 - Several estuarine ecosystem modeling projects
5. NOAA Fisheries And The Environment (FATE)
 - Ecosystem Status Report, much more
6. SERO ITQ Funding
 - Bringing ecosystem considerations into the SEDAR process

GOM IEA PROGRAM

WHAT IS THE
NEAR TERM VISION FOR THE
GULF OF MEXICO IEA?

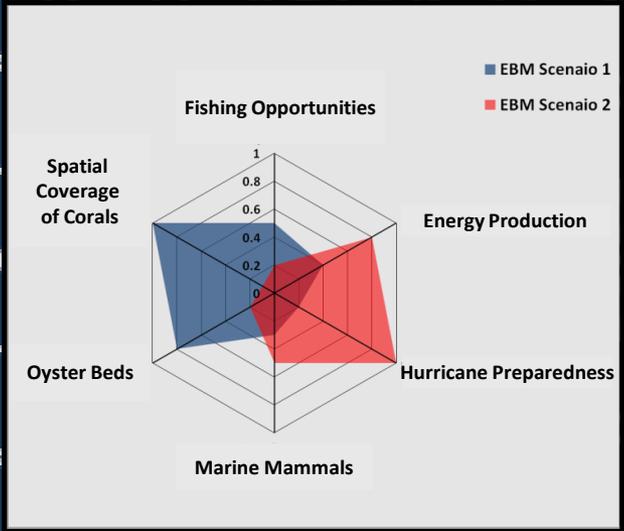
THE GOM IEA 3 YEAR PLAN (FY14-16)



Selected Deliverables

- Link State to Ecosystem Services to HWB
- MSE investigating the implementation of optimum yield for the snapper-grouper complex of the WFS
- Develop tiered IEA report/manuscript to disseminate the result from all IEA phases on the WFS (March 30, 2017)

Management Strategy Evaluation involves assessing the consequences of a range of management options and making obvious the trade-offs in performance across a range of management objectives.



ACKNOWLEDGMENTS:

THE GOM IEA STEERING COMMITTEE

- Becky Allee (NOS/CSC)
- Randy Clark (NOS/NCCOS)
- Scott Cross (NESDIS/NCDDC)
- Christopher R. Kelble (OAR/AOML)
- Julien Lartigue (NOS/CSC)
- Susan Lovelace (NOS/NCCOS)
- Michael Schirripa (NMFS/SEFSC)
- Roger Zimmerman (NMFS/SEFSC)