

Gulf of Mexico Regional Collaboration Team Work Plan FY07/08

IV. Integrated Ecosystem Assessment

IEA Activity 1 Title: North Gulf Institute/Ecosystem Data Assembly Center

Description of Deliverables: Transition university oceanographic research to NOAA operations. Participating universities include Florida State University, Louisiana State University, MS State, University of Southern MS, and University of Alabama. One of the funded joint projects is the Ecosystem Data Assembly Center (EDAC) designed to provide access to biological & chemical data in support of Ecosystem Management. EDAC will connect to Gulf of Mexico Integrated Ocean Observing System (GCOOS), and the NOAA Data Buoy Center's Data Assembly Center for physical parameters. Other partners include: Naval Research Lab for sea surface temperature, salinity, suspended sediments, ocean currents, Chlorophyll, USGS for river flow and LSU for dissolved oxygen.

List of Participating Line Offices and their role:

NCDDC: Role?

NMFS: Role?

NOS: Role?

OAR: Role?

NWS: Role?

List of Key Non-NOAA Partners and their role:

NGI: Specific Players & Role?

Location: EDAC (Environmental Data Assembly Center), NGI, SSC, MS

Timeline of Activities/Deliverables:

- FY07 – Build EDAC on OPENDaP backbone and populate with NRL, USGS and LSU data sets.
- FY08 – Add additional search ontologies and biological data sets provided by NMFS, EPA, and state fishery activities.
- FY09 - ??????????
- FY10 - ??????????
- FY11-14 ??????????

IEA Activity 2 Title: Priority Habitat Information System

Description of Deliverables: The Gulf of Mexico Alliance selected 5 Goal themes with associated actions; one collaborative effort is PHINS, Priority Habitat Information System. Federal participants include USGS, USACE, NOAA and EPA partnering with the 5 Gulf State departments of marine resources, fish & wildlife and environmental quality. The federal delivery consists of 3 components: Metadata Management & Construction capability (NOAA), Digital Library for data search & access (USGS) and Geospatial Data Map (USACE). The first data set to be ingested is sea grass.

List of Participating Line Offices and their role:

NCDDC: Role?

NMFS: Role?

NOS: Role?

OAR: Role?

NWS: Role?

List of Key Non-NOAA Partners and their role:

NGI: Specific Players & Role

USGS: Player & Role

USACE: Player & Role

EPA: Player & Role

Location: NGI?

Timeline of Activities/Deliverables:

- FY07: 3rd Quarter - Prototype Demo to Gulf Alliance Board.
4th Quarter – Optimize Integrated System, commence data ingest
- FY08: 2nd Quarter – Add additional data sets & data management tools
4th Quarter - Connect to Ecosystem Portal
- FY09: ??????????????????????
- FY10: ??????????????????????
- FY11-14: ??????????????????????

Other IEA Activities: The Gulf of Mexico Regional Collaboration team is also engaged with other ecosystem-based activities currently underway in the region. These efforts include: Dauphin Island Ecosystem Laboratory; Large Marine Ecosystem International Survey (UN survey effort); and Sea Grant Gulf of Mexico Research Plan development.

IEA Activity 3 Title: ??????????????????????

Description of Deliverables:

List of Participating Line Officers and their role:

NCDDC: Role?

NMFS: Role?

NOS: Role?

OAR: Role?

NWS: Role?

List of Key Non-NOAA Partners and their role:

University: Role?

State Activity: Role?

Timeline of activities/Deliverables:

- **FY07 - ??????????????????????????**
- **FY08 - ???????**
- **FY09 –FY14**

Do we want to add:

1. Web site links as examples or location of products & services?
2. Cost or budget info?
3. Background information; Why is it important, What are the drivers, Who is it for?