Activities Accomplished & Planned

Ann Jochens
Governance & Management

• Accomplishments
  – Year 3 IOOS Budget and Proposal
  – Hiring Associate Executive Director (Development)
  – Non-profit Corporation
  – Upgrades to GCOOS web pages & newsletter
  – Stakeholder Engagement Stayed Broad

• Plans
  – Complete hire of AED
  – IOOS Certification Process
  – Non-profit Corporation
  – Maintain Stakeholder Engagement
  – Maintain GCOOS Web & News
Observing System

• Accomplishments
  – HFR off MS-AL-FL Panhandle relatively well funded
  – Many data providers are reducing stations for lack of funding
  – IWQN is moving forward as new providers are identified
  – Began BOP Revisions
  – Significant support to GOMA Gulf Monitoring Network that uses the GCOOS BOP as the shelf and deep water model
  – Worked with GOMURC to gain acceptance that GCOOS ≠ NOAA IOOS

• Plans
  – BOP Revisions
  – Pursue new funding sources for observing system
  – HABIOS Workshop Report
  – Add to IWQN
Data Management System

• Accomplishments
  – Data capture to portal from new sources
  – Worked with SCCF to have Satlantic be the first private company to implement the IOOS SOS
  – Products added & upgraded
  – Products generated in cooperation with NGO (The Nature Conservancy)

• Plans
  – Upgrades & maintenance to Data Portal
  – Integrated Water Quality Network–produce portal presence & products
  – IOOS DMAC QA/QC (likely to involve production of climatologies)
  – Improve access to GOM models and support of modeling activities
  – Improve online data browse capability of data portal
  – Products: Bathymetry page update, glider maps
GCOOS DMAC
(past, plans)

- General oversight of DM activities of Kobara, Gayanilo, Watson (partial)
- IOOS Biology Data Program – Guidance, report review/editing
- GERG Glider data into IOOS Asset Viewer – Guidance & Programming
- Integrated Water Quality Network – Guidance, review, data assembly
- Contributor, editor, to GCOOS website stories and conference presentations
- Review of IOOS documents (glider plan, QA/QC criteria, summit report)
- Guidance for Satlantic and SCCF toward adoption and deployment of SOS
- Submitted abstract to AGU “GCOOS: A Gulf Science Portal”.
- River Discharge – Updated to May 2013
- Integrated Water Quality Network – produce portal presence and products
- IOOS DMAC QA/QC (likely to involve production of climatologies)
- Improve access to GOM models and support of modeling activities
- Improve online data browse capability of data portal
Data Portal
(past, plans)

• Data capture from: Mote’s Beach Observations/Monitoring System, FSU/COAPS, FWRI Tampa Bay, and secondary NERRS sensors.
• Assisted Satlantic with SOS development for SCCF LOBO system.
• Data model re-design for portal to accommodate new SOS
• Worked with 52N developers and began deployment of 52N SOS
• Deployed the GOMA Catalog of Monitoring Program (GoMonitor: http://gcoos2.tamu.edu:8080/goma)
• Complete Implementation of new data model on postgresQL+postGIS database
• Complete deployment of 52N SOS V1.0.0 released in August by October
• Deploy new interface (e.g., http://gcoos1.tamu.edu) and modules with html5 and new Google API
• Shift all operations (development and production) to new servers.
Products Portal
(past, plans)

- Maps New: Lionfish, Driftcards, Gliders
- Maps Refresh: Hurricane Tracker, OilSpill, WavegGlider, CleanMarina
- All Maps modified for mobile viewing
- ESRI Developer Summit and Educational User Conference
- InVEST Marine Conservation GIS product workshop
- Nature Conservancy SLAMM model habitat change scenario map
- Nature Conservancy ADCIRC storm surge scenario map
- Maps Refresh: Rec Boaters, Bathymetry, Gliders, Spatial Planning tool
- ArcGIS Server SOS
- ESRI OceanGIS conference
Communications

• Accomplishments
  – Stephanie Watson is key person on web site, newsletter, and engagement with NOAA RCT, GOMA Nutrient PIT, and O&G industry aspects
  – 12 newsletters put out; going to monthly
  – Website banners
  – Improving flyers

• Plans
  – Improve outreach materials for stakeholders
Outreach and Education

• Accomplishments
  – Eco-Hero Game (Gulf Guardian Award)
  – Flyers
  – Brochure development
  – Outreach materials

• Plans
  – Update or create new handout materials
  – EOC meeting (November) – citizen’s science project
  – Online educational materials