SOUTHEAST COASTAL and OCEAN OBSERVING REGIONAL ASSOCIATION

SECOORA

IOOS RA DMAC Workshop
September 11, 2012

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Regional Association

Data Management Activities

- DMAC Technical Approaches Sharing -SECOORA Google code sharing
  (http://code.google.com/p/xenia/wiki/XeniaHome)

- Establishment of IOOS Parameter Vocabulary V 2.0

- IOOS Biological Observations Data Project in SECOORA and GCOOS-RA

- Governors South Atlantic Alliance Information Management System (IMS) Portal Project – State Agencies Collaboration

- Working with NODC on establishing archival of SECOORA non-federal in-situ observations

- Eye on EARTH – IOOS, SECOORA and NANOOS – Integrating Salinity, temperature and Water Level data

Data Management Priorities

- Providing DMAC services, guidance and support to data collectors and RCOOS Projects

- Gearing up for the Data Certification Process

- Understanding the "RA DMAC" Niche and articulating the purpose of RA DMAC to region's constituents

- Evaluation and optimization of DMAC infrastructure

- Coordinating/Collaborating with IOOS, Federal DMAC Backbone and other RAs

Data Management Challenges

- Establishing the identity of regional DMAC activities
    - Allocation of resources and time
        - Making sure we are not replicating activities
        - Buy in from constituents (state/local data providers)
- Working with sub-regional data providers on data certification
    – Making them understand why we need to do this
    – Providing support and resources (funding) for certification
    – QA/QC implementation

How can the IOOS office assist our RA

- Providing guidance and helping RAs in establishing their niche among the Federal backbone DMAC activities

- Providing funding guidance – Example HF Radar – Help justify the need to allocate a % of IOOS funding to DMAC activities

- Infrastructure resources – Working with RA to understand their needs (staffing, hardware and software) and harmonize the same across the RAs – Example exploring cloud option, leveraging federal backbone infrastructure.

- Governance and Guidance – E.g. Moving IOOS Parameter Vocabulary forward, Repositories, Product generation boundaries (avoid competition with private and federal backbone)

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