

## MACOORA HIGHLIGHTS, 2007-2008

- Participated in 3 NOAA IOOS Funding Competitions
- Successfully renewed as 1 of 11 IOOS RAs for another 3 years
- Had a winning proposal in all three Focal Points of FY2007 RCOOS Competition
- Established Mid-Atlantic Regional Coastal Ocean Observing System (MARCOOS)



- Established the Chesapeake Inundation Prediction System (CIPS) as a New Product Pilot
- Initiated development of a bridge between IOOS data and GIS as a Data Management Initiative
- Produced several high ranked proposals for the FY2008 RCOOS Competition.
- Demonstrated the Regional Concept by Linking Federal, State, Academic and Industry Observing Systems
- Successfully Sought and Continue to Seek Additional Funding Outside of NOAA IOOS Calls
- DHS Center of Excellence for Port Security Established at Stevens Institute of Technology
- NOAA National HF Radar Network organizational meeting summer 2008 – in future draft budgets
- Pilot Study Region for National Water Quality Monitoring Network – Delaware Bay
- Cyber Infrastructure Team chose MACOORA as first user testbed

### Maritime Safety - Search And Rescue

- Surface current mapping network and statistical forecast models integrated into the Coast Guards operational tools
- Mid-Atlantic demonstration is being scaled up to the national level
- An industry weather network (over 100 stations) added to the national data servers
- High resolution weather forecasts are being coordinated between NWS and academic offices

### Ecosystem Decision Support – Fisheries

- Refined our regional satellite sea surface temperature products
- Conducted the first regional underwater glider surveys
- Coordinated with NOAA fisheries cruises
- Provided modelers a data-assimilation test case
- Tested new products with recreational fishers