

NEWS

-- Luis Bermudez to Co-Lead Interop Team--

Luis Bermudez, Coastal Technical Manager will Co-lead a team on an NSF Interop project on "A Community-driven Scientific Observations Network to achieve Interoperability of Environmental and Ecological Data." The project will help to define the framework for capturing diverse concept types.

SURA Coastal Outreach

-- FM Global -- Luis, Don and Joanne met with FM Global, a Commercial Insurance Co. that needs to identify hazards and wants maps of water elevation. We explored some ways that they could potentially use the SCOOP infrastructure and services.

-- The Open Geospatial Consortium -- There is a possibility that SURA could provide Luis as a paid consultant to the OGC to coordinate interoperability projects related to Global Earth Observing Systems. This could help move the Distributed Coastal Laboratory forward.

-- Potential Defense Related Opportunities -- Luis, Philip, Don, and Joanne met with Marcela Ramirez, Lin Wells II, Jim Kadke, and Mathew Wilburn, at the National Defense University on June 24 to discuss the potential for a collaboration between SURA and DOD. Several interesting intersections have been identified. The SURA Coastal Team will follow up with some suggested contacts.

SCOOP Team Meets at SURA

-- Goals for the Distributed Coastal Laboratory --

The Principal Investigators of the SURA Coastal Ocean Observing and Prediction Program met on June 25 at SURA to discuss goals and strategies for the Distributed Coastal Laboratory and SCOOP. The high level goals identified were:

- To be reliable and hardened enough to be useful to researchers (the technology of choice that underpins and supports an organic growth of the DCL concept).
- To empower coastal scientists by further publicizing their work and producing enhanced products and services that encourage and enable transformative science.
- To provide an easy-to-use and reliable subset of the infrastructure that supports community science and helps others to be more effective in their work.
- To provide both data accessibility and computational capability.

-- Feedback Needed on Openioos.org Redesign --

In particular, the specific goals of SCOOP over the next 2 months are to create a demonstration of an infrastructure that scientists can use. In addition, SCOOP will update the Openioos web site (www.openioos.org) to provide an interface into the SCOOP infrastructure demonstration that allows someone to understand what we're doing and to find out how they might participate. [We are looking for coastal scientists, computer scientists, and graduate students to review the upgraded site and provide feedback.](#) If you or someone you know are willing to preview the site and answer a short questionnaire please contact Joanne Bintz (bintz@sura.org) or Philip Bogden (Bogden@gomoos.org).

- - Functional User Scenarios - -

Three basic user scenarios that represent the functionality of the SCOOP Cyberinfrastructure as a tool for coastal ocean modelers are:

1. A scientist wants to download data from the SCOOP storm archives and run his/her model with it;
2. A scientist wants to run a model that has already been “integrated” into the SCOOP System with archived data that they choose.
3. A scientist wants to “integrate” a new data set or model into the SCOOP cyber infrastructure.

Collaborative Funding Opportunity

SURA plans to respond to a NOAA BAA with a proposal aimed at continuing the build out of the Distributed Coastal Laboratory and expanding the science domains of this effort to include river hydrology and coastal hypoxia in addition to continuing to advance understanding and prediction of coastal storm surge and inundation. If you, or any faculty member in your institution, would be interested in playing a key role in this effort, we encourage them to contact Joanne Bintz, Philip Bogden or Don Wright ASAP. We are aiming to have a first draft of the proposal ready for polishing by early August. The final deadline for submission is September 1. The NOAA BAA can be downloaded here:

<http://www.grants.gov/search/synopsis.do;jsessionid=LphW1zTnbQvQv1td7SHJDCmN6nVdS9yd31htSMpWvRYPdHgRk8B1!1895468262>

More information about SCOOP and SURA Coastal Research can be found on the following sites:

SCOOP site: <http://scoop.sura.org/>

OpenIOOS site: <http://www.openioos.org>

SURA site: <http://www.sura.org/programs/coastal.html>

Contact the SURA Coastal Research Team:

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If you have an item that you would like to include in the next SURA Coastal Newsletter, please submit it to Joanne Bintz (bintz@sura.org) before the first of the month. Previous versions of the SURA Coastal Newsletter are posted on the SURA website: <http://www.sura.org/programs/coastal.html>