

NEWS

--SURA Selected as Member of the OGC Interoperability Program--

SURA has been selected to become a member of the OGC Interoperability Program Pool. The OGC IP Pool consists of a set of companies, universities, and independent consultants that have been pre-qualified to be part of future Open Geospatial Consortium Interoperability Program Team (IP Team) activities. The OGC Interoperability Program conducts its mission by tapping expertise from the IP Pool to form project teams that conduct IP Initiatives. SURA will be listed as a member of the OGC IP Pool on a web page associated with the OGC Public home page: <http://www.opengeospatial.org/>. OGC regularly selects staff for Interoperability Initiatives from the IP Pool. Luis Bermudez, SURA's Coastal Technical Manager will serve as the IP Team staff.

--SCOOP Educational Appliance Released--

Y. Peter Sheng, Renato Figueiredo, Justin R. Davis, Vladimir Paramygin and Bilge Tutak at the University of Florida have developed a SCOOP Educational Virtual Appliance. The appliance builds upon technology of virtual machines and distributed systems originally funded by the NSF. It incorporates and uses elements of the SCOOP infrastructure to assist in coastal science and cyberinfrastructure undergraduate education. The UF Team gave a demonstration to SURA Coastal Program staff and Dr. Jerry Draayer on Aug 27. The appliance includes several lessons and references and incorporates SCOOP Services. A student or researcher can use the system to find and download data, perform CH3D model simulations and visualize the results. The UF Team took a unique approach in the development of the appliance by utilizing students Kellie Douglas (Senior Civil Engineering) and Juliane Finn (Senior Biology/Fisheries) to help with design and Sam Arden (B.S. Ocean Engineering) and Leif Layton (Soph. Civil Engineering) to test the appliance. Capabilities are continuing to be added and refined. You can access and use the educational appliance at: <http://grid-appliance.org/wiki/index.php/SCOOP:Index>. Feedback is welcome!

---SCOOP Application Manager Tests---

The SCOOP Application Manager (SAM), being developed to automate workflows in the SCOOP infrastructure has performed two successful tests launching ensemble model configurations from a user interface. The interface and management of ensembles have been developed by the University of Alabama, at Huntsville. The scheduling is being developed by Louisiana State University, which allocates resources efficiently, from a pool of SURAGrid resources.

---OpenIOOS Website Redesigned---

Over the past several months Philip Bogden, SCOOP Director has been creating a demonstration of the SCOOP infrastructure and redesigning the OpenIOOS website to be more user friendly. The new website went public on September 5. The OpenIOOS site provides an interface to SCOOP and all of its capabilities. Please visit the site (www.openioos.org) and provide input or feedback to bogden@gomoos.org. The site will undergo testing and review in the coming weeks by representative users.

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>