



SURA Coastal Research IT Coordinator
"Coordinate a Team to Improve Environmental Prediction!"

Job Location: Washington, D.C.

The Southeastern Universities Research Association (SURA) is a non-profit consortium of leading research universities in the southern U.S. and DC, managing and operating major research programs and initiatives. SCOOP (SURA Coastal Ocean Observing and Prediction) program is a SURA multiple-partner collaboration using leading edge information technology to integrate ocean observations and coastal models to advance the science of U.S. coastal environmental prediction that supports and augments current disaster planning.

Position Summary: Reporting to the SCOOP Program Director, the **SURA Coastal Research IT Coordinator** interfaces between the SCOOP program staff, IT staff, and coastal research and IT partners in building a collaborative community. The Coordinator will coordinate and monitor progress in the design and implementation by SCOOP partners of a grid for computation and data sharing, as well as hardware, software, and middleware technologies for coastal ocean modeling and prediction. A key role will be to support the design and development of IT tools and services to achieve the goals of the SCOOP Program in a distributed networked environment. The Coordinator ensures the timely and successful fulfillment of SCOOP's goals in the context of an emerging service-oriented architecture that integrates grid technology. This position assumes an ability to understand and identify issues related to SCOOP compatibility, modification, and adoption of technologies planned or in use within the emerging integrated ocean observing system (IOOS).

This position requires travel to partner sites and meetings. The successful candidate should have strong organizational ability coupled with excellent oral and written communication skills. This is not a programming position; however, it requires the ability to recognize needs and issues for software engineering or development. A background in environmental science would be helpful but is not required.

Other Duties and Responsibilities include:

- Facilitates and ensures the cross-team integration of SCOOP Program activities to ensure progress and plan for the future.
- Manages documentation of SCOOP software and systems.
- Establishes research-related collaborations for advancing IT expertise for the SCOOP program and for enhancing opportunities to collaborate inter-regionally in the areas of data access and management, grid and middle-ware construction, networking, security, coastal modeling, and other technologies.
- Maintains ongoing awareness of SURA IT activities in order to initiate and facilitate the achievement of common goals, thus maximizing the effective use of organizational resources.
- Contributes to strategic program development; e.g., by identifying and pursuing regional and national funding opportunities including collaborative proposal development.
- Promotes national recognition for the SCOOP program and its partners in highly visible and widely acknowledged areas (coastal modeling, data access and management, grid and middleware technologies, networking services, security, etc.).
- Advises SURA/SCOOP leadership on the latest technology advances related to coastal prediction.

Requirements:

- Advanced degree in information technology, computer science, or information systems research, and/or equivalent combination of advanced education and specialized experience and training in information technology.
- Three to five years of experience with project management, evaluation and reporting, of which at least three were in similar positions as a coordinator or manager of IT-related activities, preferably in an academic or R&D environment.
- Demonstrated competency and ability to understand and explain technical concepts at the system, research user, and project levels and to create and manage documentation of software and systems.
- Demonstrated experience in the deployment and support of advanced scientific applications within a distributed, networked environment, and an understanding of software and middleware requirements and protocols necessary for service-oriented architectures. Experience with computational grid technologies in support of scientific applications is desirable.
- Ability to use discretion, judgment, and initiative and work independently while remaining supportive of team efforts and goals.

We offer an attractive compensation and benefits package. To be considered, e-mail resume along with salary history and current salary requirement to jobs@sura.org referencing Coastal Research IT Coordinator.