

Northern Gulf of Mexico Sentinel Site Cooperative Intern

Partnership Agencies: NOAA Gulf of Mexico Regional Collaboration Team, Mississippi State University, U.S. Department of the Interior, and the Northern Gulf of Mexico Sentinel Site Cooperative.

The Northern Gulf of Mexico Sentinel Site Cooperative (NGOM SSC) is one of the five Sentinel Site Cooperatives within the broader NOAA Sentinel Site Program (SSP). The NGOM SSC is a partnership focused on sea-level rise and inundation in the northern Gulf of Mexico. A broad array of partners working along the science to stewardship continuum make up the Cooperative and work together to fill identified gaps and needs in sea-level rise science and management.

Internship Duties:

The intern will implement priority tasks and actions outlined in the Northern Gulf of Mexico Sentinel Site Cooperative's (NGOM SSC) 2016 work plan. Priority actions include the following:

- Work with partners to develop a survey to help identify parameters for Continuously Operating Reference Stations (CORS) inventory.
- After appropriate parameters are identified, reach out to partners to conduct a comprehensive inventory of CORS within the boundaries of the Cooperative (e.g., coastal counties extending from the Pearl River in Louisiana to the Suwanee River in Florida).
- Develop a list of points of contact for elevation data in the region.
- With assistance from partners, identify a list of standards to apply to elevation data sets.
- Complete an elevation data inventory within the boundaries of the Cooperative.
- Time permitting, the intern may work with DOI partners to conduct a gap analysis of the CORs and elevation data.
- Present findings at relevant meetings (e.g., GOMA Data and Monitoring team) and begin to develop a data sharing plan.

Qualifications and Desired Experience:

Bachelor's Degree and/or enrolled graduate student in Geographic Information Systems, Coastal and Marine Sciences, Physical Geography or related fields;

Familiarity with ArcGIS and spreadsheets;

The ability to use a GPS, basic GIS and database experience;

Excellent written and oral communication skills;

Well organized



Location and Salary:

This position will be with the Mississippi State University and is dependent upon available funding. The work will be conducted at the Dauphin Island Sea Laboratory, on Dauphin Island, Alabama. The position will be for at least a period of 20 weeks (between April 1st and September 30th, 2016) and will pay \$13.00/hour.

To Apply:

Interested applicants should submit a resume, cover letter, and transcript by April 8, 2016. Please send these documents to:

Steve Ashby, PhD
Co-Director, Northern Gulf Institute
Associate Director, Geosystems Research Institute
Mississippi State University Science and Technology Center
1021 Balch Blvd
Stennis Space Center, MS 39529
Phone: 228-688-3228
sashby@gri.msstate.edu
<http://www.northerngulfinstitute.org/>

