



RECRUITMENT NOTICE

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF MARINE RESOURCES

1141 Bayview Avenue

Biloxi, MS 39530

(228) 374-5000

July 17, 2018

The Mississippi Department of Marine Resources is recruiting for the job title described below. **ALL** applications for this position must be filled out online at the Mississippi State Personnel Board's Career Center located at www.mspb.ms.gov under the Job Seekers tab. Please enter the job title as it appears below in the State Job Title section. Resumes are not a substitution for completing a job application.

WORKING TITLE:	Monitoring Specialist
STATE JOB TITLE:	DMR-NERR Resource Specialist III
ANNUAL STARTING SALARY:	\$33,938.33
OFFICE:	Grand Bay National Estuarine Research Reserve (GBNERR)
LOCATION:	Moss Point, Mississippi
RECRUITMENT DATES:	July 17 – August 17, 2018

ESSENTIAL FUNCTIONS: This position will work at the Grand Bay National Estuarine Research Reserve (GBNERR) and help design and conduct monitoring associated with the Natural Resource Damage Assessment (NRDA) Grand Bay Land Acquisition and Habitat Management Project. The RMS will also assist with ongoing Sentinel Site monitoring and other ongoing projects at GBNERR. Specific responsibilities include:

- Establishing an upland vegetation monitoring program using a variety of methods and techniques to measure the effects of restoration activities
- Establishing monitoring plots and carrying out vegetation monitoring in selected areas
- Establishing an herbarium collection of savanna vegetation
- Facilitating and/or conducting Henslow's sparrow monitoring in selected areas
- Entering and summarizing data in reports for project managers and funding agencies

- Assisting the GBNERR Research Coordinator in facilitating collaborative research on tracts within the NRDA project boundary
- Mapping invasive species & analyzing change over time using Geographic Information Systems (GIS)
- Managing an Unmanned Aerial Systems (UAS) contractor who will be conducting flyovers to map invasive species
- Analyzing UAS data, writing summary reports, and assisting in the development of a peer-reviewed publication detailing UAS mapping efforts
- Participation in land management activities including prescribed burning and land clearing (only after completion of needed certifications and training)
- Other duties may include:
 - Participating in wildland fire trainings
 - Assisting Stewardship staff with prescribed fire operations
 - Participating in GBNERR Sentinel Site monitoring
 - Providing GIS data to collaborators upon request
 - Managing GBNERR's GIS database
 - Participating in debris removal
 - Participating in selected education and outreach activities (e.g., National Estuaries Day, Star Party, Celebrate the Gulf, etc.)
 - Assisting with other NERR projects as assigned

MINIMUM QUALIFICATIONS:

A master's degree and/or minimum 2 years of post-undergraduate experience conducting scientific research and/or monitoring of natural resources. Two years of experience using GIS (e.g., ArcMap, ArcGIS Pro, etc.) and experience identifying savanna, pine flatwoods, and wetland vegetation is required. Preference will be given to candidates with strong plant identification skills. This position requires work in extreme conditions (e.g., hot, cold, wet, biting insects, etc.) and candidates must be able to walk long distances in dense vegetation and lift objects up to 50 lbs. Candidates must also be willing and able to manage large datasets, analyze data, write reports, and give presentations of project work. Candidates must possess the skills needed to accomplish tasks independently with limited oversight.

The Mississippi Department of Marine Resources is an equal opportunity employer and will fill positions without regard to race, religion, national origin, color, sex, age, marital status, political affiliation, or disability.