Student Research Opportunity: Coastal Wetland Ecology  
U.S. Geological Survey, Wetland and Aquatic Research Center

We anticipate hiring a current undergraduate student to assist with several ecological research investigations, including projects focused on: (1) mangrove forests responses to sea-level rise; (2) coastal wetland responses to global change; (3) landscape connectivity within the context of human-built infrastructure; and (4) carbon storage and cycling in cypress forests. Some of the work will be field based, primarily within wetland ecosystems in South Florida (for example, mangrove forests in Everglades National Park, cypress forests in Big Cypress National Preserve, and aquatic ecosystems within Lake Okeechobee). A portion of the work will also be office based and include various tasks. This student services contractor will help with various project activities including but not limited to conducting literature reviews, soil elevation change measurements, boardwalk repair, data entry, data management, laboratory sample preparation and analysis, field gear organization and maintenance, general field data collection, data analysis, figure and table preparation, manuscript preparation and publication, and verbal and written communication of results.

To be eligible, applicants must be a current undergraduate student. Pay will be commensurate with education.

To apply for this position, please send the following information to Andre Daniels via email (andre_daniels@usgs.gov):
(1) A cover letter explaining your interest in the position
(2) A resume or CV
(3) Your unofficial transcripts (undergraduate)
(4) The contact information for three professional references
(5) Two writing samples (for example, class papers or writing assignments)

Please send this information in an attachment via email with the following subject line: Application - Student Research Opportunity. A single attachment is preferred.

Review of applications has begun will continue until the position is filled. If interested, please apply as soon as possible.

For questions, contact Andre Daniels (andre_daniels@usgs.gov)

statement of work for student services agreement

Position Description:
This student will assist with several ecological research investigations, including projects focused on: (1) mangrove forests responses to sea-level rise; (2) coastal wetland responses to global change; (3) landscape connectivity within the context of human-built infrastructure; and (4) carbon storage and cycling in cypress forests. Some of the work will be field based, primarily within wetland ecosystems in South Florida (for example, mangrove forests in Everglades National Park, cypress forests in Big Cypress National Preserve, and aquatic ecosystems within
Lake Okeechobee). A portion of the work will also be office based and include various tasks. This student services contractor will help with various project activities including but not limited to conducting literature reviews, soil elevation change measurements, boardwalk repair, data entry, data management, laboratory sample preparation and analysis, field gear organization and maintenance, general field data collection, data analysis, figure and table preparation, manuscript preparation and publication, and verbal and written communication of results.

**Types of Services Required:**
We anticipate hiring a current undergraduate student to assist with several ecological research investigations. Some of the work will be field based, primarily within wetland ecosystems in South Florida (for example, mangrove forests in Everglades National Park, cypress forests in Big Cypress National Preserve, and aquatic ecosystems within Lake Okeechobee). A portion of the work will also be office based and include various tasks. This student services contractor will help with various project activities including but not limited to conducting literature reviews, soil elevation change measurements, boardwalk repair, data entry, data management, laboratory sample preparation and analysis, field gear organization and maintenance, general field data collection, data analysis, figure and table preparation, manuscript preparation and publication, and verbal and written communication of results.

**Required Expertise/Skills:**
To be eligible, applicants must be a current undergraduate student. The student should have expertise in one or more of the following areas: field-based data collection in challenging wetland environments, laboratory-based data collection, geospatial data collection, data management, metadata preparation, project planning and implementation, geospatial data analysis, figure and table preparation, manuscript preparation and publication, and verbal and written communication of results.

**Description of Working Conditions:**
Work is performed in field and office environments. Field work can involve long days outside involving exposure to a range of weather and temperature conditions, and may require carrying equipment weighing up to 40 pounds. Student is advised that fieldwork may involve workdays more than 8 hours long. Office work includes long hours of working at a computer. Field work tasks shall involve substantial field activities that can be physically demanding. The Contractor shall be exposed to year-round field conditions including extremes of temperature, humidity, and rain. In addition, other field operations shall involve long days traversing through upland forests and marshes, mangrove forests, swamps, and other wetlands. Some field locations shall involve working in areas with snakes, alligators, bees, wasps and spiders and strenuous walking with field equipment. In addition, some work shall involve prolonged sitting, stooping, and bending in the field. Data collection tasks shall require accompanying field crews in remote field sites that shall require the ability to swim and to follow safety guidelines for field activities of the Wetland and Aquatic Research Center. Transportation to field sites shall be primarily by car and boat.

**Compensation:**
Compensation is commensurate with the level of education and experience, as follows: (Miami, Florida): $18.52 per hour for students currently in undergraduate school.
Principal Duty Station:
This individual will be based at the USGS Wetland and Aquatic Research Center’s office in Davie, Florida. The student may work at the USGS Wetland and Aquatic Research Center office or, with prior permission of the USGS project chief, the student may work remotely from an alternate location.

Training:
USGS-specific training will be required. The individual will have to complete standard trainings required of office-based student contractors. Given that this individual will also assist with field-based data collection, the following field-focused trainings are also required: Defensive Driving, First Aid/CPR, Bloodborne Pathogens, Over the Water, and Wilderness First Aid.