

### **MS Graduate Research Position**

The Hladik Lab in the Department of Geology and Geography at Georgia Southern University invites applications for a Master of Science in Applied Geography. We are seeking a student with an interest in the remote sensing of tidal habitats. Responsibilities include, but are not limited to, (1) assisting in the collection of ground survey data on tidal marsh and forest habitats and elevation, (2) processing and interpreting drone, aerial, satellite, and LIDAR imagery, and (3) producing habitat, elevation, and biophysical maps using image analysis software and routines. This research will be conducted in cooperation with the Georgia Coastal Ecosystems LTER, an NSF supported research project based at the University of Georgia Marine Institute (<https://ugami.uga.edu/>).

The position is available to start Fall Semester 2019. Summer 2019 field work options are also available. Summer semester funding is available with a tuition waiver. Teaching assistantships are available for the academic year on a competitive basis.

### **Requirements**

- Bachelor of Science degree (completed prior to start date) from an accredited institution.
- Background in remote sensing and GIS.
- Strong communication skills, both written and oral
- Ability to conduct field work
- Ability to work independently and as a member of a diverse team

### **Preferred Skills and Experience**

- Ability to identify and quantify tidal marsh and forest vegetation
- Proficiency in ArcGIS, ENVI, QT Modeler, and R
- Familiarity with the setup and operation of an RTK GPS and processing of RTK GPS data using ArcGIS.
- Familiarity with drone, aerial, and LIDAR imagery
- Proficiency in Microsoft Applications and statistics software
- Enthusiasm for research, publishing, and public scholarship
- Field work experience is an advantage.

### **How to apply**

Interested students should email a single pdf file containing: (i) brief letter of interest, (ii) curriculum vitae including three references with names, email addresses, and telephone numbers, and (iii) unofficial transcripts, GRE scores, and TOEFL/IELTS scores (if applicable) to Dr. Christine Hladik ([chladik@georgiasouthern.edu](mailto:chladik@georgiasouthern.edu)).

All students will have to formally apply for graduate studies in the Master of Science Applied Geography program (<https://cosm.georgiasouthern.edu/geo/graduate-program/>) through the College of Graduate Studies at Georgia Southern University. Information about applying to Georgia Southern can be found at <https://cogs.georgiasouthern.edu/>. Preference will be given to applications received by May 1, 2019