



Now hiring: Geographic Information Systems (GIS) Specialist/Analyst

Description

St. Tammany Parish Mosquito Abatement in Slidell, LA seeks a **GIS Specialist/Analyst**. The primary responsibility of this position is to manage geographic data collection and storage and automate map-based reports to enhance various aspects of mosquito control operations. Work is performed under the supervision of the Assistant Director and/or Director.

Job duties include:

- Research, design, and maintenance of all geographic data collection systems that the district uses both hardware and software.
- Creates and maintains custom data collection forms.
- Creates logistical efficiencies in mosquito control operations using GIS software (e.g. performs routing procedures for routine activities such as mosquito trapping).
- Produces novel maps as needed to describe various aspects of mosquito control operations via geographic data.
- Produces and maintains a system to produce automated maps reporting mosquito populations, resident's calls for service, amount of pesticides applied, or any other routinely reported data source to support mosquito control decision making or reporting.
- Coordinates map and table-based reporting systems with timely reports to aid the Field Supervisor with labor and pesticide resource allocation.
- Assists research staff and staff entomologists with map-based planning and reporting of various research projects.
- Trains staff in the proper collection of geographic data and in GIS procedures.
- Coordinate larvicide control operations in septic roadside ditches by communicating with larviciders and updating maps.
- Communicate effectively and professionally with colleagues and supervisors.
- Maintain a culture and attitude of safety, cleanliness, and professionalism.

Requirements

The applicant must have demonstrated ability to perform each of the above listed duties. In addition, the applicant must be able to manage an enterprise GIS and can manipulate, analyze, and model spatio-temporal data. The applicant must possess familiarity with spatial statistics and programming languages. The applicant must have a valid driver's license with a good driving record.

Qualifications

Though a graduate degree or certification in GIS is preferred, graduation from an accredited college or university with a bachelor degree in geographic information systems or related field is required. In addition to a bachelor degree, three years of related professional experience; or an equivalent combination of education, training and experience is preferred.

Compensation

Annual compensation of **\$48,000-\$72,000** is dependent on education and experience. In addition, health insurance premiums are currently fully covered by STPMAD. A public employee's pension plan is provided for retirement benefits. This position will remain open until November 1, 2018 or until filled. To apply for this position, please send a cover letter and CV or resume to:

Dr. Kevin A. Caillouet, Director
St. Tammany Parish Mosquito Abatement
(985)643-5050 caillouet@stpmad.org



MOSQUITO ABATEMENT

ST. TAMMANY PARISH

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