

Kansas Geological Survey (KGS)  
University of Kansas  
Lawrence, Kansas

**POSITION ANNOUNCEMENT**

**POSITION TITLE:** GIS Specialist

**KU TITLE:** Research QA Analyst

**APPLICATION DEADLINE:** Review begins January 10, 2022, and will continue until a qualified pool of candidates is received.

**TENTATIVE START DATE:** February 7, 2022, exact start date is negotiable.

**SALARY, EMPLOYMENT STATUS, AND FRINGE BENEFITS:** Full-time position with benefits, subject to annual review. Salary is commensurate with qualifications and experience.

**POSITION OVERVIEW:**

Work as part of a team to support the mission of the State of Kansas Data Access & Support Center (DASC). Located at the Kansas Geological Survey (KGS), DASC serves as the Kansas GIS data clearinghouse and is involved in numerous statewide GIS initiatives in collaboration with state and local government and the private sector. The GIS Specialist position will focus primarily on the crash mapping project in collaboration with the Kansas Department of Transportation (KDOT). The GIS Specialist will be responsible for determining crash locations using materials provided by KDOT. Additionally, this position will manage and monitor automated procedures, perform QA/QC testing, and produce status reports as necessary. An ideal candidate for this position is a GIS professional that is organized, resourceful, and self-motivated. Telecommuting or hybrid work arrangement may be considered for the ideal candidate.

**RESPONSIBILITIES:**

**60%** Manually review crash location as determined by automated procedures. The GIS Specialist will be responsible for determining crash locations using materials provided by KDOT. Additionally, this position will manage and monitor automated procedures, perform QA/QC testing, and produce status reports as necessary.

**20%** Manage and monitor automated crash location procedures.

**10% Communication and coordination:**

- Regularly communicate the status of automated and manual mapping efforts to the supervisor.
- Participate in project status meetings.
- Produce status reports.

**5%** Participate in the database, system, and workflow design in support of crash location procedures.

**5%** Other duties as assigned by supervisor.

**REQUIRED QUALIFICATIONS:**

1. Associate's degree and three years of GIS experience OR Bachelor's degree and two years of GIS experience OR an advanced degree with an emphasis in GIS.
2. Strong communication skills. Written skills will be evaluated by the quality of application materials and/or a list of published materials. Oral communication skills will be assessed by the interview and through reference checks.

**PREFERRED QUALIFICATIONS:**

1. Experience with Python scripting.
2. Experience with Relational Database Management Systems (RDBMS) and SQL
3. Experience with the ArcGIS Online platform (e.g., map and feature services, Web Maps, Web Apps, Web App Builder, Story Maps, Operations Dashboard, Hub, Open Data).
4. Experience obtaining and converting data from multiple sources and formats.
5. Experience developing and maintaining FGDC/ISO compliant metadata.
6. Professional experience developing and presenting technical documentation and training materials.

**APPLICATION PROCEDURE:**

Apply online only at <https://employment.ku.edu/staff/20828BR>. Complete the University of Kansas Unclassified Professional Staff profile and upload the required material:

1. Cover letter specifically addressing each required and preferred qualification.
2. Resume.
3. Contact information for two or more professional work references. Provide a relationship to the reference.

**Review begins January 10, 2022**, and will continue until a qualified pool of applicants is received. For best consideration apply by the review date above.

**CONTACT INFORMATION:**

Annette Delaney, Kansas Geological Survey, University of Kansas. [adelaney@ku.edu](mailto:adelaney@ku.edu) or 785-864-2152.

**KANSAS GEOLOGICAL SURVEY:** The Kansas Geological Survey (KGS) is a research and service division of the University of Kansas that investigates and provides information about the state's geologic and groundwater resources. The KGS has no regulatory authority and does not take positions on natural resource issues.

KGS scientists pursue research related to surface and subsurface geology, energy resources, groundwater, and environmental hazards. They develop innovative tools and techniques, monitor earthquakes and groundwater levels, investigate water-quality concerns, and map the state's surface geology. Their analyses, findings, and data are shared with the scientific community and general public through publications, online resources, and presentations. The KGS also houses thousands of oil and gas and water well records filed with the state over several decades as well as thousands of rock cores and cuttings brought to Earth's surface during oil and gas drilling.

The main headquarters of the KGS is in Lawrence on the west campus of the [University of Kansas](#), and the [KGS Well Sample Library](#) is in Wichita. Between the two locations, the KGS has a staff of approximately 115 employees, including 35 student employees. The KGS reports to the [Vice Chancellor for Research](#) at the University of Kansas and has a 12-member [advisory council](#) to provide review and guidance.

[More...](#)

**LAWRENCE:** A city of approximately 95,000, Lawrence is located on a rolling landscape 35 miles west of the major metropolitan area of Kansas City and 20 miles east of Topeka, the state capital. Home to [Haskell Indian Nations University](#) (<http://www.haskell.edu>) as well as KU, Lawrence offers the cultural and athletic events of a university setting. For more information on Lawrence, please visit the [Lawrence Convention and Visitors Bureau](#) (<http://www.visitlawrence.com>), the [Lawrence CyberVillage](#) (<http://www.ci.lawrence.ks.us>), or the [City of Lawrence](#) (<http://www.lawrenceks.org>) web pages.

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