

## **POSITION VACANCY ANNOUNCEMENT**

**Kansas Geological Survey  
The University of Kansas  
Lawrence, Kansas**

**POSITION:** Cartographic Services Specialist

**OFFICIAL KU TITLE:** Research Analyst

**START DATE:** Position available on or about August 16, 2021; exact starting date negotiable.

**APPLICATION REVIEW BEGINS:** Position open until filled; review of applications will begin July 12, 2021.

### **SALARY, EMPLOYMENT STATUS, AND FRINGE BENEFITS:**

Salary is commensurate with qualifications, experience, and education. Full-time unclassified professional appointment at the University of Kansas, subject to annual review. (Selected candidate must possess proof of eligibility for U.S. employment.) Benefits include 22 days vacation leave, 12 days sick leave, 9 holidays annually; group medical and dental; life insurance; retirement program options; and University staff privileges.

### **POSITION OVERVIEW:**

#### **Position Overview**

The Kansas Geological Survey (KGS) GIS Services Section's Cartographic Services unit has a new position for an individual to work with the unit's manager in all aspects of data creation and map production. The work will be focused on, though not limited to, creating and updating data and creating maps of Kansas geology from field data collected by KGS geologists. Telecommuting or a hybrid work arrangement may be considered for the ideal candidate. Duties of the position include map and data creation and development using GIS, metadata creation, maintaining and updating GIS data and documentation, and, for a non-remote worker, printing on-demand maps for KGS Publications and Sales. The individual may assist in management of the unit when the manager is away.

**Work Location:** Onsite, Remote, and Hybrid options

#### **Job Description**

##### **40% – Map Creation**

- Assist in preparation of USGS StateMap deliverables, including GIS databases and corresponding county maps and quadrangles;
- Assist in preparation of KGS M-series county geology maps, including geology GIS data development and editing, and map composition and editing;

##### **40% – Data Creation and Management**

- Assist in populating data attributes and creating metadata for new and existing KGS geology GIS data to conform to the updated USGS GeMS standard;
- Assist in editing bibliographic entries for upload to the USGS National Geologic Map Database (NGMDB) online catalog.

##### **20% – Other**

- Print and cut maps to fill KGS Publications and Sales orders;

- Other duties as needed or directed.

### **Required Qualifications**

1. Bachelor's degree in geology, geography, or other GIS-related field;
2. 3 years of experience in GIS employment OR an advanced degree with an emphasis in GIS;
3. Proficiency with Esri ArcGIS Desktop software suite;
4. Experience in geodatabase design and development
5. Experience in metadata creation and data attribution;
6. Strong written and verbal communication skills and attention to detail as evidenced by application material, references and Zoom interviews. Finalists will be required to submit a writing sample and a sample of GIS work.

### **Preferred Qualifications**

1. Proficiency with Esri ArcGIS Pro software suite;
2. Experience in map composition;
3. Experience with Adobe Creative Suite and/or non-Esri GIS or mapping software;
4. Programming experience, especially ArcPy, Python, Esri ModelBuilder, .Net, or C++
5. Experience in either geologic or soils mapping;
6. Professional certification in GIS—GISP, KGIS, or similar;
7. Familiarity with state of Kansas.

### **APPLICATION PROCEDURE:**

Apply online at [employment.ku.edu/staff/19415BR](https://employment.ku.edu/staff/19415BR). Complete online application and upload:

1. Written letter of application specifically addressing each required and preferred qualification;
2. Vitae/resume, and;
3. The names, addresses, telephone numbers, email addresses, and relationships of three professional references.

Note: Finalists will be asked to submit a writing sample and a sample of GIS work.

### **CONTACT INFORMATION:**

For questions contact Annette Delaney, Kansas Geological Survey Human Resources, [adelaney@ku.edu](mailto:adelaney@ku.edu), or (785) 864-2152.

For technical questions, contact John Dunham, Kansas Geological Survey, [jdunham@ku.edu](mailto:jdunham@ku.edu), or (785) 864-2148.

Application review begins July 12, 2021, and will continue until the position is filled.

**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. More information at [KGS--About the KGS--Staff, Jobs, News \(ku.edu\)](https://kgs--about-the-kgs--staff-jobs-news.ku.edu).

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