

Vacancy Notice

The Missouri Department of Natural Resources protects our air, land, water, and mineral resources; preserves our unique natural and historic places; and provides recreational and learning opportunities, while promoting the environmentally sound operations of businesses, communities, agriculture, and industry for the benefit of all Missourians.

[List of Employee Benefits](#)

Vacancy Title: **Geologist III**

Position Number: **5020434**

City: **Rolla**

Division/Program: **Missouri Geological Survey / Geological Survey Program**

Semi-monthly salary: **\$1,877.00 - \$2,433.00**

Posting Period: **February 8, 2019 – March 4, 2019**

Contact Information: **Cheryl Seeger (573) 368-2184 / Cheryl.seeger@dnr.mo.gov**

Job Description:

The Missouri Department of Natural Resources' Missouri Geological Survey is seeking an experienced geologist to work in the Geological Survey Program to develop geologic hazard mapping products throughout the state. The successful candidate will perform geologic studies and investigations that include office and fieldwork, digital mapping, data collection, data analysis and interpretation, and technical/scientific reporting and writing to produce geologic mapping products that describe the occurrences of and potential for geologic hazards such as landslides, sinkholes, mine collapse, and earthquake hazards.

The successful candidate must have, at a minimum, a bachelor's degree in geology, or closely related field and have completed, at a minimum, 30 semester hours or 45 quarter hours of credit in geology. Coursework and/or work history related to geology or geologic hazards is required. Experience related to geologic hazards, use of LiDAR, and data modelling is desired, but not required. The candidate is expected to have excellent verbal and written communication skills, a strong work ethic, and the ability to thrive on a team.

Duties Include:

- Perform geologic studies and investigations that describe the occurrences of and potential for geologic hazards in Missouri.
- Perform office, fieldwork, digital mapping, data collection, data analysis and interpretation.

- Produce geologic maps and mapping products which highlight geologic hazards such as landslides, sinkholes, mine collapse, and earthquake hazards.
- Generate project-specific maps relating to geologic hazards using ArcGIS 10.3.1 software.
- Maintain Missouri Inventory of Landslide Occurrences (MILO) database.
- Prepare technical reports of findings and conclusions.
- Required to know or be capable of learning how to use common office, computer, field, and laboratory tools and equipment involved in geologic sciences, including but not limited to LiDAR, remote sensing data, aerial photographs, and geodatabases.

Other limited duties may include:

- Research and prepare grant proposals for geologic hazard-related studies and projects.
- Track budgets and prepare deliverables.
- Conduct presentations and trainings on geologic hazard identification and on the use and value of geologic hazard mapping products.
- Perform site investigations and respond to inquiries related to geologic hazards.
- Prepare and review reports, sign and seal geologic reports as necessary.
- Provide expert testimony at legal proceedings and public hearings.
- Perform other duties as assigned.

Requirements:

- Eligible for certification as a registered geologist in the state of Missouri.
- Possess a valid driver's license.
- Must be a US citizen or authorized to work in the US.
- Ability to work in an office setting with exposure to computer monitors.
- Regular work schedule is Monday through Friday. Occasional work on weekends and holidays as necessary to perform and complete assigned duties.
- In-state day and overnight travel is required to perform and complete assigned duties. Occasional out-of-state travel is required.
- Capable of working alone in remote areas, walking long distances in hilly and rugged terrain, climbing steep slopes, carrying geologic specimens out of the field, shoveling, hand auguring, and hammering.
- Outdoor work may be required under inclement and uncomfortable weather conditions.
- Ability to lift 50 pounds and be able to stay on ones feet for extended periods of time.
- Excellent interpersonal and communication skills.
- Excellent writing skills.
- Experience managing data and database maintenance.

Desired qualities and skills:

- Registered Geologist.
- Experience related to geologic hazards.
- Experience modelling data.
- Experience working with LiDAR.