



Who we are:

The Department of Environment and Conservation exists to enhance the quality of life for citizens of Tennessee and to be stewards of our natural environment by:

- Protecting and promoting human health and safety.
- Protecting and improving the quality of Tennessee's land, air, and water.
- Conserving and promoting natural cultural and historic resources.
- Providing a variety of quality outdoor recreational experiences.

Our Department is committed to providing a cleaner, safer environment that goes hand-in-hand with economic prosperity and increased quality of life in Tennessee. We deliver on our mission through managing regulatory programs that maintain standards for air, water, and soil quality while providing assistance to businesses and communities in areas ranging from recreation to waste management. We manage the state park system and programs to inventory, interpret and protect Tennessee's rich natural, historical, and archaeological heritage.

About the Tennessee Geological Survey (TGS)

TGS conducts geologic hazards research, public service and education programs, and basic and applied research on geology and mineral resources.

Geologic mapping is a primary function of the TGS. The TGS is the only state agency that publishes and distributes geologic maps. These maps are the basic source of information for people engaged in environmental regulatory work, mineral and/or oil and gas exploration, geologic hazard assessment and mitigation, building site evaluation (including dams and highways), and many other practical and scientific uses that provide for human needs with respect to water, energy, materials, and security.

TDEC-Environmental Consultant 1 Tennessee Geological Survey Knoxville Environmental Field Office Annual Salary Range: \$51,552 - \$82,464

Looking for an opportunity to work to work with a collaborative team in Tennessee State government? Interested in the unique geology of the state of Tennessee and how geology drives the processes which impact Tennesseans on a daily basis? If you have a passion for geology and desire a challenging career in state government, TDEC has a position with the Tennessee Geological Survey (TGS) located in our Knoxville Environmental Field Office.

We are seeking candidates who have experience using geographic information systems (GIS) to map and illustrate Tennessee's geology, geologic hazards, and mineral resources. This position requires a strong knowledge of computer mapping software applications. Experience using specialized software and scripting packages (such as Python) to streamline map production is desired. The preferred candidate will have graduated from an accredited college or university with a bachelor's degree in environmental science, physical sciences (e.g. physics, chemistry, geology, meteorology), ecology, environmental engineering or other acceptable science or natural resource related field and three years of fulltime professional environmental program, natural resource conservation work or full-time professional work. Preferred candidates will have a master's degree in the geosciences with 5+ years of experience applying advanced GIS techniques in the production of modern geologic maps and related derivative maps. To apply for this position visit: <http://www.tn.gov/careers>.

Highlighted Responsibilities:

- Support the annual production of geologic maps in Tennessee at a scale of 1 inch = 2,000 feet or smaller.
- Assist in the planning, design, implementation, and final publication of geologic maps and other TGS products by reviewing, editing, and creating content as needed.
- Utilize GIS and other appropriate software to build and maintain databases that comply with the requirements of the U.S. Geological Survey's Level 3 Geological Mapping Schema (GeMS).
- Develop Tennessee-specific modifications to the GeMS standard and apply GeMS to both previously published geologic maps and to new derivative maps.
- Represent the TGS at annual digital mapping conferences.

Pursuant to the State of Tennessee's Workplace Discrimination and Harassment policy, the State is firmly committed to the principle of fair and equal employment opportunities for its citizens and strives to protect the rights and opportunities of all people to seek, obtain, and hold employment without being subjected to illegal discrimination and harassment in the workplace. It is the State's policy to provide an environment free of discrimination and harassment of an individual because of that person's race, color, national origin, age (40 and over), sex, pregnancy, religion, creed, disability, veteran's status, or any other category protected by state and/or federal civil rights laws.