

Graduate Research Assistantship @ The Tennessee Climate Office

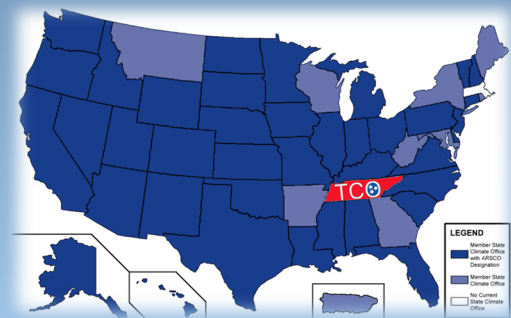
The Tennessee Climate Office (TCO) (www.etsu.edu/tn-climate) was established at East Tennessee State University in 2017 and gained recognition as the official state climate office for Tennessee in December 2020, becoming the 49th state climate office in the country (www.stateclimate.org). A graduate Research Assistantship (RA) within the TCO will be available at ETSU in the Department of Geosciences starting in Fall 2022. Within our department, graduate students can choose between two concentrations: Geospatial Analysis or Paleontology. Current and former students in both concentrations have explored many climate-centric topics for their thesis research. The selected student will work on various projects within the TCO, which may include product development for weekly drought monitoring, monthly climate summaries, extreme weather reports, and other climate data services. Other projects (pending funding) may include site suitability/feasibility assessments for future Mesonet stations, hazard mitigation planning (specifically climate risk/vulnerability assessments), and development/maintenance of a TN Climate Data Portal and related webmaps and apps.

The assistantship provides a tuition waiver and monthly stipend in pursuit of a Masters in Geosciences (concentration TBD) degree at ETSU, renewable for a second year subject to satisfactory progress toward the degree. Some conference or workshop travel will be funded, as needed. Pending grant support, summer funds may also be provided.

Visit the Department of Geosciences website to learn more about our graduate program: www.etsu.edu/cas/geosciences/

Preferred Qualifications/Skills

- Experience with ArcGIS software (Pro and/or Map) and ArcGIS Online
- Experience with various ArcGIS Online products/apps is a plus (e.g., Dashboards, Survey123, Story Maps, etc.)
- Familiarity with open source software/tools and common statistical methods
- Background and interest in climate- and hazard-related research
- Ability to develop projects independently
- Proficient communication and writing skills
- Experience with writing reports and research papers is a plus



Come Grow With Us!

- Applicant review will begin in mid-February, although applications submitted later may also be considered.
- If you intend on applying, please contact Dr. Andrew Joyner (joynert@etsu.edu) for more information.