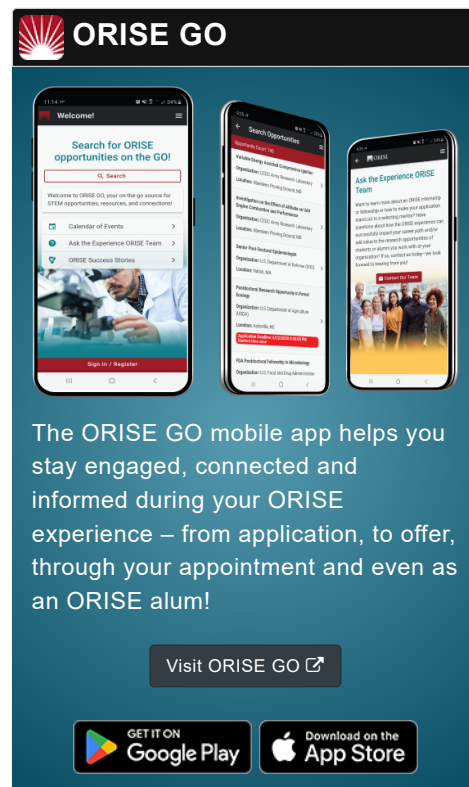**Opportunity Title:** Post-Master's Research Associate for Research and Data
Development and Modeling in GIS
Opportunity Reference Code: ORNL13-27-CSED

Organization	Oak Ridge National Laboratory (ORNL)
Reference Code	ORNL13-27-CSED
Description	The Geographic Information Science and Technology (GIST) Group at the Computational Sciences and Engineering Division (CSED) is looking for post-M.S. candidates to support spatial research initiatives with special emphasis in spatio-temporal population and social dynamics modeling and simulation. The work will include data collection, input, quality assurance, multi-resolution data analysis and fusion, and verification and validation. There will also be opportunity in the development and implementation of novel population distribution and dynamics models to include temporal, demographic and cultural characterizations. Opportunities for publications and presentations of research in professional journals and to the scientific community will be available and we strongly encourage participation. Appointments are for one year and subject to renewal upon availability and job performance.
Qualifications	M.S. in geography, demography, geospatial science or a closely related discipline with exposure to working with digital spatial data and imagery.
	• Experience with GIS principles and analytical techniques, data management, and visualization.
	• Experience with commercial GIS (ESRI products including ArcInfo, ArcView, ArcGIS) is required.
	• Excellent communication (oral and writing), organization, and decision-making skills. Strong interpersonal skills and working effectively as a team member are essential.
	Applicants cannot have received the most recent degree more than five years prior to the date of application and must complete all degree requirements before starting their appointment. Applications will be accepted until the position is filled.

Eligibility Requirements	• **Degree:** Master's Degree received within the last 60 month(s).
	• **Discipline(s):**
	  ○ **Computer, Information, and Data Sciences** (16 👁)
	  ○ **Earth and Geosciences** (21 👁)
	  ○ **Environmental and Marine Sciences** (2 👁)

Affirmation	I certify that I have completed coursework towards a degree in science, technology, engineering, mathematics, or a related

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field.

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