Post Master's or Postdoctoral Research Associate in Geospatial Data and Information Sciences [#4]

Computer Science and Engineering Division
Computer and Computational Sciences Directorate
Oak Ridge National Laboratory
Oak Ridge, Tennessee

ORNL09–65–CSED

Project Description:
The Geographic Information Science and Technology (GIST) Group at the Computational Sciences and Engineering Division (CSED) is looking for Postmaster or Postdoctoral staff to establish and conduct research within the field of geographic information science, with special emphasis in spatial modeling and simulation driven applications development that is directly applicable to current national security, environmental, and other geospatial research issues.

The selected candidate will be involved in:
- programming and geospatial analysis using internet-based mapping technologies
- development of data mining tools; interfaces to and/or development of applications, models and tools
- writing position papers, policy analyses, and conference and journal articles emphasizing the project's research contributions

Qualifications:
The successful candidate is expected to have completed a master or doctorate degree in natural sciences, computer science, computer engineering, or environmental engineering. This person should have familiarity with programming languages such as C, C++, or Java. A good working knowledge with SUN, SGI, other UNIX platforms, and PC Windows-based platforms is especially helpful, as is familiarity with GIS programs, such as ArcInfo, ArcView, ArcSDE, ArcGIS, and ArcIMS; MapInfo, Intergraph. Very good communication skills in English are required.

Applicants cannot have received the most recent degree more than five years prior to the date of application appointment and must complete all degree requirements before starting their appointment.

Technical Questions:
Contact Budhendra Bhaduri at bhaduribl@ornl.gov . Please reference the position title and number when corresponding about this position.

How to Apply:
Qualified applicants may apply online at https://www2.orau.gov/ORNL_POST/. All applicants will need to register before they can begin the online application. For complete instructions, on how to apply, please see the instructions at

http://www.orau.gov/orise/edu/ornl/ornl-pdpm/application.htm. When applying for this position, please reference the position title and number.

This appointment is offered through the ORNL Postdoctoral Research Associates Program and is administered by Oak Ridge Associated Universities (ORAU). This appointment is open to all qualified U.S. citizens without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.