The MIT Libraries seek an enthusiastic, service-oriented Geographic Information Systems (GIS) Specialist to join an innovative GIS services team. The GIS Specialist will enjoy supporting a dynamic community working to solve exciting, real-life problems across many different subject areas. Reporting to the Senior GIS Specialist the Specialist works closely with the a small team to provide expertise in the identification and use of data and tools associated with Geographic Information Systems projects both inside and outside the classroom.

**RESPONSIBILITIES** include but are not limited to:

- Providing reference and research consultation through scheduled lab hours and e-mail Help queue
- Developing content and providing training workshops
- Supporting lab operations and software installations and maintenance
- Discovery and documentation of sources for free and open geospatial data
- Participation in Geodata repository data evaluation, metadata creation, data loading and troubleshooting
- Assisting with developing geospatial/GIS projects to enhance access to traditional library collections

The Specialist will also be expected to participate actively in system-wide initiatives and serve on committees and task forces, and to communicate actively with fellow professionals through research, writing or presentations, and/or professional service activities.

**REQUIRED QUALIFICATIONS:**

- Bachelor’s degree in Geography, Urban Planning, Ecology, Engineering, Computer Science, Remote Sensing or related field
- Two years related work experience or a Master’s degree in a related field.
- Proficiency with ArcGIS
- Interest in learning and using software, systems, and technologies to solve spatial problems and the ability to demonstrate these tools to others
- Familiarity with geospatial data sources to support teaching and research
- Strong data management and data analysis skills
- Demonstrated ability to develop and deliver instructional content
- Careful attention to detail and persistent pursuit of accuracy and consistency
- Excellent interpersonal skills, including ability to effectively collaborate and work with others
- Ability to manage competing priorities and deadlines

**Preferred**

- Experience with Python, SQL, ModelBuilder, ArcSDE, Geoserver, OpenLayers, Leaflet, CartoDB or similar tools
- Conversant with current and developing Geospatial technologies.
- Demonstrated capacity to plan, develop, and evaluate future programs and services.
- Knowledgeable about GPS.

**SALARY AND BENEFITS:** $60,000 minimum; actual dependent upon qualifications and experience. MIT offers excellent benefits including a choice of health and retirement plans, a dental plan, and tuition assistance. The MIT Libraries afford a flexible and collegial working environment and foster professional growth of staff with management training and travel funding for professional meetings.

**APPLICATION PROCESS:** Submit cover letter and resume online at: [http://jobs.mit.edu/](http://jobs.mit.edu/). Applications will be reviewed until position is filled with full consideration given to those received by April 4, 2016. MIT is strongly and
actively committed to diversity within its community and particularly encourages applications from qualified women and minority candidates.

The MIT Libraries support the Institute's programs of research and study with holdings of more than 2.9 million print volumes and 3.1 million special format items, and terabytes of MIT-owned digital content. In addition, rare special collections, Institute records, historical documents, and papers of noted faculty are held in the Institute Archives and Special Collections. Library resources and services are accessible to students and researchers through the Libraries’ website (http://librarias.mit.edu/), and library spaces are widely available for both collaborative work and quiet study. Library resources are supplemented by innovative services for bioinformatics, GIS, metadata, social science and other research data. Through a culture that encourages innovation and collaboration, the MIT Libraries are redefining the role of the 21st century library – making collections more accessible than ever before, and shaping the future of scholarly research. Library staff, at all levels, contribute to this spirit of innovation and to the mission of promoting learning, discovery and the advancement of knowledge at MIT and beyond.

The Libraries maintain memberships and affiliations in ArchivesSpace, arXiv, Association of Research Libraries, the BorrowDirect, DDI Alliance, DuraSpace, HathiTrust, CLIR/Digital Library Federation, Coalition of Networked Information, Coalition of Open Access Policy Institutions, EDUCAUSE, National Digital Stewardship Alliance, NISO, North East Research Libraries, OCLC Research Library Partnership, and ORCID. The Libraries utilize Ex Libris’ Aleph for its integrated library system and have recently deployed EBSCO’s Discovery Service. DSpace@MIT, a digital repository developed over the past ten years by the MIT Libraries, serves to capture, preserve and communicate the intellectual output of MIT’s faculty and research community. Other MIT repositories include: Dome, a second DSpace instance, providing access to a sizable image collection and other digital collections owned by the MIT Libraries; the MIT Geodata Repository for a diverse collection of GIS Data; and MIT’s DataVerse for licensed social science datasets.

March 2016