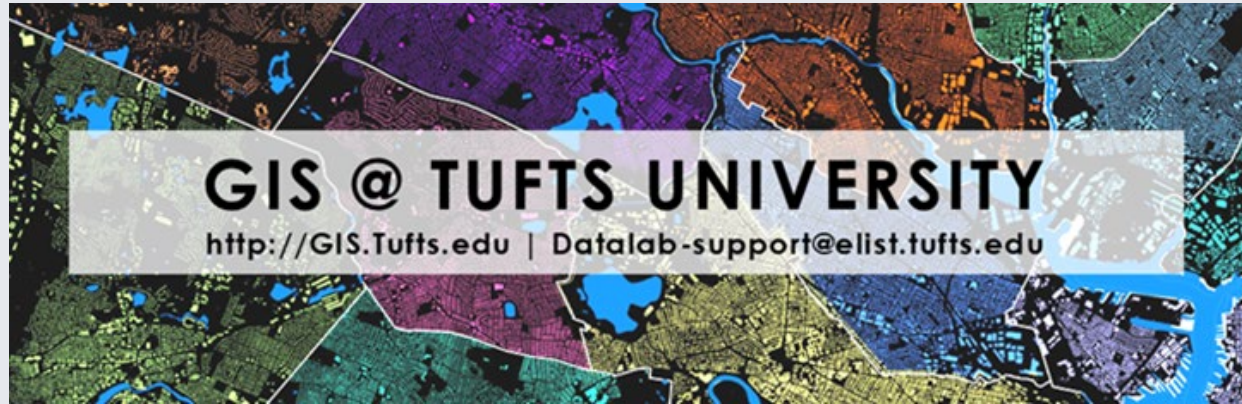


**From:** [tuftsgis-request@elist.tufts.edu](mailto:tuftsgis-request@elist.tufts.edu) on behalf of [Talmadge, Carolyn C.](#)  
**To:** [tuftsgis@elist.tufts.edu](mailto:tuftsgis@elist.tufts.edu)  
**Subject:** Tufts GIS Newsletter - 4.1.25 - Save the Date for the Annual GIS Expo  
**Date:** Tuesday, April 1, 2025 3:36:06 PM  
**Attachments:** [image009.png](#)  
[image006.png](#)  
[image005.png](#)  
[image011.png](#)  
[image003.png](#)



## GIS & Data Lab Newsletter

Tufts Data Lab | TTS Research Technology | April 1, 2025

### Save the Date for the Annual GIS Expo!

*Wednesday, May 7, 2025 | 3 – 5 PM | Alumnae Lounge, Aidekman Arts Center*

Learn about the event and how to submit your GIS project at:

[Go.tufts.edu/GISExpoEvent](http://Go.tufts.edu/GISExpoEvent)

THE DATA LAB PRESENTS THE

# 2024 - 2025 GIS Poster Expo

ANGELO BREWING

PLEASE JOIN US FOR A UNIVERSITY  
WIDE EXPOSITION OF GIS RESEARCH  
AT TUFTS UNIVERSITY!

WEDNESDAY, MAY 7, 2024 | 3 PM - 5 PM  
ALUMNAE LOUNGE, AIDEKMAN ARTS CENTER  
40 TALBOT AVE, MEDFORD, MA  
TUFTS UNIVERSITY

REFRESHMENTS PROVIDED  
CASH PRIZES AWARDED

Submit your project to the GIS Expo:  
[Go.tufts.edu/GISExpoEvent](https://go.tufts.edu/GISExpoEvent)



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## *Join our Tufts GIS Community on LinkedIn*

Calling all GeoJumbos! We've created a new Tufts geospatial community group for **students**, alumni, faculty, and staff to share all things spatial.

Use this page to expand your professional networks, view or post GIS job opportunities, share learning opportunities, or promote intriguing research, applications, or stories.

**Tufts has over 2500 GIS Alumni! Let's build a vibrant community and stay connected!**

[Join us on LinkedIn](#)

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## Geospatial Competitions & Conferences



## Call for Abstracts is Open – Submit Now!

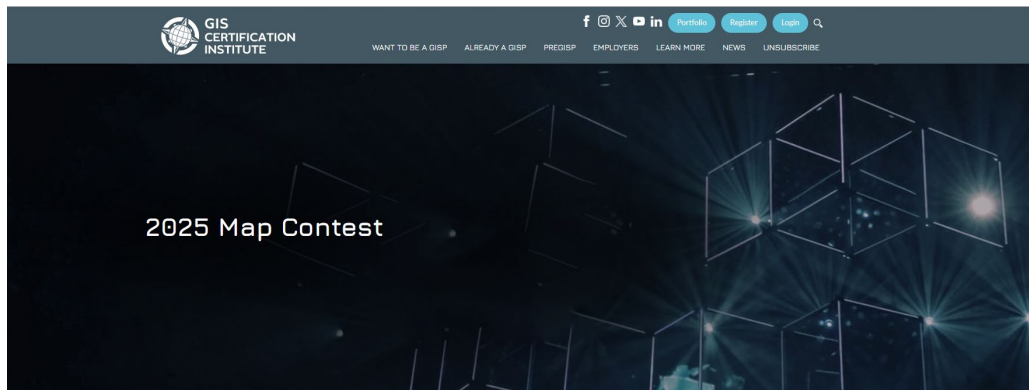
The [Northeast Arc Users Group \(NEARC\) Spring Conference](#) is an annual, one-day conference packed with professional development and networking opportunities for all levels of GIS users. The Spring NEARC Host Committee invites you to submit a presentation for the in-person event at Eastern Connecticut State University in Willimantic, Connecticut on Wednesday, May 28, 2025.

**NEW deadline to submit: Monday, April 7, 11:59 PM**

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## Enter the [GIS Certificate Institute Map Contest!](#)

**Entry Deadline:** Submissions due April 30, 2025. Only one entry per contestant will be accepted.



GISCI HOSTS AN ANNUAL MAP COMPETITION INVITING MEMBERS OF THE GIS COMMUNITY TO SUBMIT AND SHARE A MAP OF THEIR CREATION.

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## Jobs and Internships!

### **MULTIPLE GIS POSITIONS AVAILABLE AT MOTIVF**

Motivf is a consulting services company based in the Washington, D.C. area with a global presence. As a certified B Corporation recognized for its social and environmental engagement and performance, we help our clients implement big change on a human scale. We are design-driven, are human-centered, and engage with our clients for long-term benefit and sustained success. Agile is central to our delivery process, with many of our team retaining Agile and scrum certifications.

**Check out the Jobs including a [Cartographic Designer Intern](#), [Operations Intern](#), [GIS Developer Intern](#), [GIS Road Warrior](#), and [Geospatial Analyst](#) : <https://www.motivf.com/careers>**

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### **SEASONAL PROGRAM COORDINATOR II /LANDS RECORD GIS TECHNICIAN SUMMER 2025**

The Department of Conservation and Recreation seeks qualified applicants for the position of Program

Coordinator II – Land Records and GIS Technician.

DCR's Land Protection Office manages land records, in both paper and digital formats, for all DCR's real estate holdings, including historic and pending land acquisitions. The DCR Plans Library manages the agency's plans collections including land plans. As DCR settles into the new headquarters building, and the agency's transition to a largely digital work environment, the Land Protection Office and the Plans Library are continuing their data modernization efforts. The Land Records and GIS Technician will report to the Land Records and Database Manager and coordinate closely with the Plans Archivist and their respective staffs.

More Info: [https://www.indeed.com/viewjob?jk=c61b2c82e6907981&from=shareddesktop\\_copy](https://www.indeed.com/viewjob?jk=c61b2c82e6907981&from=shareddesktop_copy)

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## **GIS INTERN | MASSGIS | BOSTON, MA**

EOTSS's Bureau of Geographic Information Services (more commonly known as MassGIS), is responsible for developing, maintaining, and distributing the Commonwealth's geospatial information. MassGIS makes that information available through web mapping services and through download from its web site. MassGIS also provides mapping and spatial analysis services to support operational and policy needs of the Commonwealth; fosters cooperative development of map information among local, state, regional and federal government agencies in order to improve the quality, access, cost-effectiveness and utility of geographical information as a strategic resource for the state; and provides technical assistance to political subdivisions of the Commonwealth in developing and accessing spatial data and related technologies.

Learn More: [https://www.indeed.com/viewjob?jk=fae90af35018ddcc&from=shareddesktop\\_copy](https://www.indeed.com/viewjob?jk=fae90af35018ddcc&from=shareddesktop_copy)

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## **NEW ENGLAND TRAIL GIS AND COMMUNICATIONS ASSISTANT | WESTERN MASSACHUSETTS (REMOTE)**

The GIS and Communications Assistant will be responsible for a variety of GIS projects, including creating a Story Map for the NET using the ArcGIS Online platform. This map will take visitors to the NET website on a virtual tour of the trail, highlighting historical resources (pre- and post-colonial), ecological resources, trail maintenance projects, and other information about the trail. The Assistant will work with the NET's AmeriCorps Community Volunteer Ambassador, and Scientist in Parks Intern, who will respectively be completing projects on Tribal history and plant phenology, to develop content for the Story Map. The Assistant will also identify and photograph scenic viewsheds along the trail and develop a database of high-quality photos for publication in the Story Map and in other communications and journalism about the trail. This viewshed visual database may be used as a starting point for NET staff or future interns to complete an NPS Visual Resource Inventory for the trail.

Learn More: [https://www.career.com/job/appalachian-mountain-cl/new-england-trail-gis-and-communications-assistant/j202402011249581029390#google\\_vignette](https://www.career.com/job/appalachian-mountain-cl/new-england-trail-gis-and-communications-assistant/j202402011249581029390#google_vignette)

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## **FM RESEARCH GRADUATE INTERNSHIP 2025 CLIMATE RISK AND RESILIENCE – GIS | FM | NORWOOD, MA**

The Climate Risk and Resilience research group at FM is looking for creative, self-motivated individuals for internships. Selected candidates will work alongside a unique group of scientists to protect the value of FM clients' businesses by developing methods to identify hazards, assess risk, and produce loss prevention solutions that are efficient and cost-effective. The internship will be supervised by senior staff in the Climate Risk and Resilience research group and provides an opportunity to engage in solving real-world science and engineering problems in the insurance industry.

As a future GIS intern, you will be contributing to a data library which includes input datasets for various natural hazard models. Responsibilities include data acquisition, conversion and transformation of various geospatial data types through a scientific programming approach.

Learn More: <https://www.careersatfm.com/job/norwood/fm-research-graduate-internship-2025-climate-risk-and-resilience-gis/474/78315759888>

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## **SUMMER 25 SEASONAL GIS APPLICATIONS ASSISTANT | DCR – WATER SUPPLY & PROTECTION**

The Department of Conservation and Recreation, Division of Water Supply Protection seeks qualified

applicants for the position of Seasonal EDP Systems Analyst I – GIS Applications Assistant. The Division of Water Supply Protection has migrated many geospatial workflows to the cloud using ArcGIS Online. We manage a diverse suite of solutions for data management, field data collection, reporting, and coordination. The GIS Applications Assistant will be responsible for reviewing and updating existing ArcGIS Online web maps to comply with secretariat accessibility best practices and assist the Division in meeting accessibility requirements (under the Americans with Disabilities Act, Title II). In addition, the GIS Applications Assistant will also provide support and technical guidance to Division Creators in making appropriate accessibility changes to their own web maps. Finally, the GIS Applications Assistant will be responsible for the creation of new workflow solutions as the need arises; each new solution will be fully documented, and training will be provided to staff on an as-needed basis. The successful candidate will also be responsible for completing special GIS projects, such as proof of concept work and the creation of content, both within ArcGIS Online and ArcGIS Pro.  
**Learn More:** [https://www.indeed.com/viewjob?jk=50bab0bc94018cf2&from=shareddesktop\\_copy](https://www.indeed.com/viewjob?jk=50bab0bc94018cf2&from=shareddesktop_copy)

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## **GEOGRAPHIC INFORMATION SYSTEMS (GIS) AND STATISTICS LIBRARIAN | MIT LIBRARIES**

The MIT Libraries seek an enthusiastic, service-oriented Geographic Information Systems (GIS) and Data Specialist in Education and Practice to join the innovative GIS & Statistical Software Services team. The GIS and statistics librarian will enjoy supporting a dynamic community working to solve exciting, real-life problems across many different subject areas. Reporting to the Program Head, GIS and Statistical Software Services the GIS and Statistics Librarian works closely with a small team to promote and facilitate the use of the Libraries' GIS and Statistical Software services at MIT in ways that prioritize an open scholarship agenda. The incumbent works closely with other departmental personnel to provide one-on-one research consultation, staff regularly scheduled GIS help hours, design and coordinate training sessions for the MIT research community, and contribute to running the GIS & Data Lab.  
**Learn more:** [https://www.mediabistro.com/jobs/700385115-geographic-information-systems-gis-and-statistics-librarian-job-at-code4lib-in?utm\\_campaign=google\\_jobs\\_apply&utm\\_source=google\\_jobs\\_apply&utm\\_medium=organic](https://www.mediabistro.com/jobs/700385115-geographic-information-systems-gis-and-statistics-librarian-job-at-code4lib-in?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic)

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## **GIS SPECIALIST/DATA ANALYST II | SCHOOL OF PUBLIC HEALTH | BROWN UNIVERSITY**

At a significant level of expertise, to undertake professional special and recurring assignments involving conducting full lifecycle activities of data analytics to include requirements and design, data cleaning, developing analysis and reporting capabilities, linking databases and datasets, and continuously monitoring performance and quality control plans to identify improvements in models; and to do related work as required.  
**Learn More:** [https://brownpublichealthcareers.org/job/rhode-island-department-of-health-providence-ri-full-time-gis-specialist-data-analyst-ii/?utm\\_campaign=google\\_jobs\\_apply&utm\\_source=google\\_jobs\\_apply&utm\\_medium=organic](https://brownpublichealthcareers.org/job/rhode-island-department-of-health-providence-ri-full-time-gis-specialist-data-analyst-ii/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic)

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## **SENIOR GIS SPECIALIST | SAN JOSE WATER | SAN JOSE, CA**

Under the general direction of the Geographic Information Systems (GIS) Manager, the Senior GIS Specialist may act as technical lead and is involved in complex tasks of utility mapping duties, performing advanced analysis, system design, and database modeling.

The incumbent primarily works independently, managing enterprise systems, license managers, and components of our GIS platforms. Coordination with IT administrators is vital due to business system interdependencies. Incumbent effectively manages changing priorities and critical deadlines; performs other related work and analysis as required.  
**Learn More:** <https://ctwater.csod.com/ux/ats/careersite/6/home/requisition/928?c=ctwater>

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## **CONSERVATION GIS INTERNSHIP | HIGHSTEAD FOUNDATION | REDDING, CT**

The Highstead Foundation in Redding, CT, is seeking a full-time GIS Intern for a 15-week paid position

(September 2 - December 12, 2025). This remote role, with occasional travel to Redding, will support conservation mapping projects, including land protection planning and bird habitat conservation. Proficiency in ESRI products, including ArcGIS Pro and ArcGIS Online, as well as GIS scripting, is preferred. Gain hands-on experience in conservation while contributing to impactful projects.  
**Learn More:** <https://lnkd.in/eMHH6PW4>

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## **REPOST: GIS MANAGER | MBTA | BOSTON, MASS**

*\*This job opportunity was shared with us by a Tufts Alumni*

The GIS Manager is responsible to lead the development, implementation, and management of the Geographic Information System (GIS) for the authority. This role plays a critical part in supporting MBTA's asset management, reliability engineering, transportation planning, operations, and maintenance activities. The GIS Manager will oversee all GIS activities, including data management, spatial analysis, updates to track schematics, and application development.

This role will report to the Deputy Director of Configuration Engineering under the Engineering Department. This role will provide technical guidance and play a pivotal role in maturing MBTA's enterprise asset management (EAMS) software. This role will work in conjunction with Asset Information Managers, Reliability Engineers, Information Technology, Maintenance departments, and third-party assessors to ensure efficient user experience of any asset data represented via any GIS applications or formats.

**Salary:** \$145,163.20 Annually

**Opening Date:** 03/10/2025

**Apply Here:** <https://www.governmentjobs.com/careers/mbta/jobs/4863883/gis-manager?keywords=GIS&pagetype=jobOpportunitiesJobs>

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## **REPOST: SEASONAL GIS APPLICATIONS ASSISTANT | MASS DCR**

Join Massachusetts Department of Conservation and Recreation's Division of Water Supply Protection as a Seasonal GIS Applications Assistant. The successful candidate will spend the majority of their time auditing and correcting web maps and applications in ArcGIS Online to meet accessibility standards. This will involve creating accessible products and working with Division staff to aid them in updating their content to meet standards. This important work will help ensure the Division's success in meeting the Americans with Disabilities Act Title II deadline of April 2026. This is a great opportunity to become proficient in accessible GIS design.

**Dates of Employment:** 4-6-25 to 10-18-25

**Salary:** \$2,424.30 Biweekly

[To learn more, please read the full job posting and apply here.](#)

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## **REPOST: GEOSPATIAL ANALYST | KCC | BOSTON, MASS**

KCC seeks a Geospatial Analyst to join our growing team of catastrophe model developers. KCC develops catastrophe reference models to estimate the probabilistic risk to natural perils. KCC scientists and engineers create stochastic sets of hypothetical catastrophe scenarios that are overlaid on geospatially distributed building replacement statistics. These geospatial databases are developed by the exposure development team for the United States and the rest of the world. This position is for a Geospatial Analyst to be part of exposure development.

### **Responsibilities**

- Develop geographically detailed building exposures that are vulnerable to natural catastrophes
- Research global construction trends
- Develop innovative and efficient computational methods to process large spatial datasets across multiple data types and structures
- Obtain, process, analyze, and format vector and raster datasets from external data providers
- Prepare reports and presentations that describe results of completed and ongoing projects
- Support model development and client facing teams with geospatial calculations and visualizations

**Apply Here:** <https://www.karenclarkandco.com/careers/model-development-geospatial-analyst>

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## **REPOST: GEOSPATIAL DATA ENGINEER | BEZERO CARBON | LONDON,**

## ENGLAND

BeZero is looking for a mid-level geospatial data engineer to join our existing geospatial engineering & machine learning team. This team is part of our broader data organisation and is responsible for building geospatial data and machine learning products for our client-facing platform and internal teams. The team works closely with colleagues in our ratings, research, product, and technology teams. You'll be responsible for building geospatial data products and algorithms that directly affect the way our ratings and research teams analyse carbon offset projects. You'll therefore work closely with scientists in our Geospatial and Earth Observation team and ratings scientists in our Ratings team. We process large-scale satellite imagery data sets (think about any of the public NASA and ESA missions) of different types (optical imagery, SAR and LiDAR) for most of our use-cases, but also leverage raster and vector data from partnerships we have with data vendors.

**Apply Here:** [https://bezerocarbon.teamtailor.com/jobs/5641830-geospatial-data-engineer?utm\\_content=327345963&utm\\_medium=social&utm\\_source=linkedin&hss\\_channel=lcp-54117489](https://bezerocarbon.teamtailor.com/jobs/5641830-geospatial-data-engineer?utm_content=327345963&utm_medium=social&utm_source=linkedin&hss_channel=lcp-54117489)

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## REPOST: [GIS DATA SPECIALIST](#) | PARKING OPERATIONS | CITY OF NEW YORK

The Parking Planning and Policy Unit within Parking Operations, Planning and Analysis seeks a data-oriented professional who has good familiarity with ArcGIS to help support decision-making related to curb management in New York City. The prospective candidate will be responsible for managing division datasets, performing data analysis tasks, and improving divisional data-related processes. The candidate will be expected to perform research and analysis studies, conduct data mining exercises, create, and maintain vital databases and contribute to ongoing data analysis efforts underway within the Department of Transportation.

### Duties Will Include

- Update and maintain division GIS datasets and web maps using ArcGIS.
- Perform analyses related to operational and financial metrics (e.g. metered space revenue and geographical distribution).
- Facilitate cross-division and cross-Agency GIS data processes.
- Improve upon current data operations to ensure best practices are followed and inefficiencies are addressed where possible.
- Build out divisional tools to support current databases, operations, workflows, and staff.

**Apply Here:** <https://www.linkedin.com/jobs/view/3881288145>

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## Tufts Summer Geospatial Class Opportunities

**NEW THIS SUMMER!**

# GIS 101

AT THE TUFTS EUROPEAN  
CENTER IN TALLOIRES, FRANCE

*June 30 to July 14, 2025*




EARN TUFTS  
CREDIT



2 WEEKS IN  
THE FRENCH  
ALPS



NO FRENCH  
REQUIRED



TAUGHT BY  
PROFESSOR  
SUMEETA  
SRINIVASAN



OPEN TO  
GRADUATE AND  
UNDERGRADUATE  
STUDENTS



European Center  
Talloires, France

LEARN MORE:  
[europeancenter.tufts.edu/GIS](https://europeancenter.tufts.edu/GIS)







## Learn from the Instructor that literally wrote the book on Web GIS **UEP231** - INTERACTIVE WEB MAPPING

*Offered Online from 07/01/2024 - 08/08/2024 on Tuesdays from 1:30 – 5PM*

### Here's why you need to enroll in this class:

- If you want to have a career in GIS, knowing ArcGIS Pro is no longer enough! Level up your GIS skills by enrolling in interactive web mapping. Learn what it means to truly harness the power of GIS and the full power of the ESRI ArcGIS Platform!
- Learn from an ESRI instructor the ins and outs of ArcGIS Online and various ESRI ArcGIS web apps and dashboards! Get experience directly from an ESRI professional and be two steps ahead of the curve when it comes to the future of GIS
- Learn today's leading cloud and mobile GIS platforms, including ArcGIS Online, ArcGIS Enterprise, ArcGIS Instant Apps, StoryMaps, Experience Builder, Dashboards, Survey123, and Field Maps.
- Hands-On and immediately productive: **No coding experience is required.** Our course adopts a no-code/low-code approach, enabling you to create engaging web or mobile apps in each session, making you productive from day one.
- Develop Future-Ready Skills: Equip yourself with essential skills in 2D/3D mapping, spatial-temporal visualization, mobile GIS, VR, AR, and spatial data science to stay ahead in the technology curve.

**Course Instructor:** New UEP instructor Dr. Pinde Fu stands at the forefront of both the industry and academic aspects of Geographic Information Systems (GIS). As a Senior Principal Software Developer Engineer and Tech Lead at Esri, Dr. Fu has extensive real-world project experience, collaborating with numerous federal, state, local, and commercial organizations. He has effectively applied Web GIS technologies across various critical sectors, including health, environmental studies, emergency management, and natural resource management. Beyond his industrial achievements, Dr. Fu is highly active in the educational aspects of GIS. He has authored books including "Getting to Know Web GIS," which has guided countless students and professionals through the intricacies of modern GIS technologies and applications.



## **UEP 232/ DEIJ 275 – INTRO TO GIS**

*Offered Summer Session I: 05/21/2025 - 06/27/2025 on M/W from 9am – 12:30pm*

**Introduces Geographical Information Systems (GIS) theory, methods and their applications. Topics include GIS data structures, geodesy, cartography and spatial analysis using rasters and vectors. Includes extensive laboratory exercises that apply concepts presented in the lectures using ArcGIS. The course will include a final project using GIS to apply student interests.**

**Taught by Dr. Rebecca Shakespeare**

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This email was sent to [TuftsGIS@elist.tufts.edu](mailto:TuftsGIS@elist.tufts.edu).

To unsubscribe from our elist, visit [elist.tufts.edu](http://elist.tufts.edu).