GIS News

**New GIS Courses 2012-2013 posted 6/15/2012**
Tufts will be offering five new additional GIS course during the 2012-2013 academic year. Please see our complete list of courses.

**Fall 2012**
GIS 101: Introduction to Geographic Information Systems (undergrad)
CEE 187: Geographic Information Systems (grad/undergrad)
UEP: Advanced GIS (grad)

**Spring 2013**
GIS 101: Introduction to Geographic Information Systems (undergrad)
GIS 102: Advanced GIS (undergrad)
Friedman School: Intro GIS for Food Policy

**Special Tufts Crisis Mapping Special Journal Edition 6/10/2012**

**2012 GIS Poster Expo Winners! posted 5/10/2012**
We want to thank all the students for the fantastic GIS posters this year and everyone for coming out. It was our biggest to date both in participation and attendance. The posters were amazing. Please see 2010 GIS Poster Expo Gallery2010 GIS Poster Expo Gallery to view the posters online.

**Tufts Geodata Live: GeoData@Tufts 1/20/2012**
Tufts UIT would like to announce the launch of GeoData@Tufts: a collaboratively developed, open source, federated web application to rapidly discover, preview, and retrieve geospatial data

**Tufts Selected to Participate in Institute for Enabling Geospatial Scholarship, posted 10/01/2009**
A Tufts team has been selected to participate in the Institute for Enabling Geospatial Scholarship. Through the generosity of the National Endowment for the Humanities, the Scholars’ Lab will host a three-track Institute for Enabling Geospatial Scholarship at the University of Virginia Library in November 2009 and May 2010. This Institute will bring scholars, cultural heritage professionals, and software developers together to support and develop geospatial projects and methods in the digital humanities.

**International Conference on Crisis Mapping (ICCM 2009), posted 9/30/2009**
Tufts Patrick Meier of the Fletcher School has organized the first ever International Conference on Crisis Mapping (ICCM 2009). Representing more than 60 leading organizations, the most engaged crisis-mapping practitioners, scholars and platform developers from around the world, will formalize the field and define the future of Crisis Mapping. The conference will involve a mix of dynamic, interactive presentations on crises mapping, participant organized sessions, and a Tech Fair as an opportunity to experience the technology that has helped to drive the field forward. The conference will also provide important opportunities for participants to partner on current and future projects.

**ICCM 2009**
http://www.crisismapping.net
October 16th-18th, 2009
Cleveland, OH, USA

**New Remote Sensing Course Spring 2009, posted 12/15/2008**
We are pleased to announce a new Introduction to Remote Sensing course offered spring 2009.
UEP 0294-05/ENV 193-01 Special Topics: Introduction to Remote Sensing

The course will be taught by Dr. Eman Ghoneim. The course introduces students to the use of satellite imagery and other remotely sensed data for urban and environmental analysis. The course will emphasize practical applications of remote sensing for understanding human-environment dynamics. Students will get a thorough overview of remote sensing data sources and understand which sources are appropriate for which applications. Lectures and labs will cover the workflow of processing sensing data for environmental analysis, starting with data acquisition and moving on to image georeferencing, image enhancement and filtering, image classification and basic image analysis.

**Vet School GIS Workshop Offered January 2009, posted 12/15/2008**
Introduction to GIS Applications to Human and Animal Health
A three week workshop that will introduce students to the fundamental concepts of Geographic Information Systems. It will consist of a theoretical introduction combined with hands-on computer tutorials utilizing ArcGIS software. This course is designed for novices in GIS with specific focus on mapping and spatial analysis applications to human and animal health. Topics discussed in the class include field data collection for mapping using GPS, basic GIS mapping methods, spatial data sources, etc. Students will complete tutorials on their own to develop their GIS software skills. The students will then work with their research mentor to incorporate GIS into their projects. Selective credit for this course should likewise be arranged independently with research mentors. The course is open to all students and faculty from the Veterinary School.
https://wikis.uit.tufts.edu/confluence/display/GISApplicationstoHumanAnimalHealth/Home

Time: Tuesday 1-4pm
Location: computer lab at the Webster Veterinary Library
Dates: January 20, 27; February 3, 2009
Maximum Enrollment: 10 students
Contact: Patrick Florance, Senior GIS Specialist, patrick.florance@tufts.edu
**GIS Center Awarded Berger Family Technology Transfer Grant 9/1/2007**
The GIS Center along with the Tisch Library was awarded a Berger Family Technology Transfer Grant to build the Library Spatial Information Management System (L-SIMS). L-SIMS is an online, high definition GIS of the library incorporating rooms, stacks, computers, walls, wireless access points, emergency exits, etc. It will assist patrons in locating appropriate resources as well as serving as a space and emergency management tool for university planners.
For more information please see: http://www.library.tufts.edu/tisch/berger/proposal.html

**Introduction to GIS for Health Researchers 9/1/2007**
*Fall 2007, 9/10 - 12/11*
Instructors: Barbara Parmenter & Patrick Florance

We are pleased to announce that UIT will be providing and eight week GIS non-credit workshop to introduce health researchers to the basic functions of geographic information systems (GIS). For a complete description please see the following link: https://wikis.uit.tufts.edu/confluence/x/IYAN

**New GIS Teaching and Research Tool Wiki 9/1/2007**
Barbara Parmenter, UEPP Faculty and AT GIS Specialist, has developed a new GIS teaching and research Wiki to facilitate GIS instruction. It includes course syllabi, tutorials and tip sheets, as well as examples of GIS applications and research. The wiki can be accessed from gis.tufts.edu or directly at http://wikis.uit.tufts.edu/confluence/display/GIS/GIS+for+Urban+and+Environmental+Analysis

**GIS Center and DCA Partner to Acquire New Large-Format Scanner 8/1/2007**
The GIS Center partnered with Digital Collections and Archives (DCA) to acquire a new 42” large-format scanner. The digital imaging services are open to the university community through the DCA.

**GIS Center Partners with Tufts Libraries on GIS Data Acquisition 8/1/2007**
The GIS Center partnered with Tisch and Edward Ginn Libraries to acquire a variety of local and international GIS data. These data include international administrative and base data; historical and contemporary Chinese census data; a complete set of digital, georeferenced Tactical Pilot Chart (TPC) maps covering the world; Bytes of the Big Apple property and base data for New York City; new Boston parcel data; statewide digital elevation models, and various municipal data from around Massachusetts. The data are available through the GIS Center Data Services.

**GIS Center Acquires New GPS Equipment 7/1/2007**
The GIS Center recently acquired a new Trimble GeoExplorer for sub-meter mapping, a Juno ST handheld, and 6 additional Garmin GPSMap 76 handhelds for student use. For a complete inventory of the GPS equipment available, please see the GIS Center GPS Equipment.