

CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER
November 2011

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CGA NEWS

GIS for Humanists Workshop 12/15

This two day workshop to be held on 12/15 and 12/16 for Harvard affiliates only has two spots open. The workshop offers hands on instruction in basic GIS tools and techniques for Humanists addressing an array of questions for both their own research interests and class pedagogy. For more information and to sign up: <http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page445564>

CGA Announces Curriculum Support for Professors

As of Fall 2011, the CGA now offers extensive curriculum support services. The primary objective is to expand the presence of spatial reasoning and geospatial content within the Harvard curriculum. We work primarily with professors and teaching fellows to integrate spatial concepts into their courses. We offer five core support services:

- New Curriculum
- Online Learning Resources
- WorldMap Training
- Custom Map Design
- Guest Lectures

If you envision a service that does not fit within these categories, we'd love to hear about it! Learn more on our Curriculum Support page: <http://bit.ly/sGLWr9>

GIS Institute

This program is designed for Harvard graduate students, post-doctoral fellows, and faculty who want to learn spatial analysis and apply GIS methods in their research. It is two weeks of GIS lecture and training 9 – 5, next offered January 2 – 13 of 2012. Two spots are currently open. For more information and to register: <http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page322426>

Undergraduate GIS Camp

In January the CGA offers a four-day non-credit workshop during Optional Winter Activities Week (OWAW) for Harvard undergraduates titled "Spatial Thinking and Analysis with GIS". It meets daily from 9:30 am to 6:00 pm and the deadline to register is Wednesday, December 7th at midnight. For more information and to register:

<http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page445565>

2012 Fisher Prize for Excellence in GIS

The competition for the Howard T. Fisher Prize for Excellence in GIS offers an opportunity to Harvard students, including both undergraduates and graduates in good standing, to submit their work in geographic information science and be considered for a Prize of \$500 in each of the designated categories for that academic year. The prize is open to any student whose primary enrollment is in a school at Harvard University during either semester of that school year. The Prize submission, review, and selection process will be held in conjunction with the CGA's Spring conference: "Re-Mapping Africa: From Humanities to Health". More on the Fisher Prize:

<http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page190018>

A one page Fisher Prize Flier:

http://sites.harvard.edu/fs/docs/icb.topic41761.files/Call_for_Posters_and_Videos_2012.pdf

More on the CGA Spring Conference:

<http://gis.harvard.edu/icb/icb.do?keyword=k235&tabgroupid=icb.tabgroup110805>

Remote Sensing Workshop Rescheduled for 12/9/2011

This workshop has been rescheduled to Friday, December 9th at 1:00 p.m. It will be held in Room K018 of the CGIS North building at 1737 Cambridge St. For more information and to register see the "Intro to Remote Sensing" topic on our training page:

<http://gis.harvard.edu/icb/icb.do?keyword=k235&tabgroupid=icb.tabgroup131738>

ESRI StreetMap Premium Europe 2011 Available

This dataset is now available for use by any Harvard affiliate. Contact us at contact@cga.harvard.edu for access.

WorldMap Update

In November of 2011, WorldMap had 11,583 visitors, of which 77% were newcomers.

Currently WorldMap has:

1,036 registered users

1,436 map layers uploaded

382 custom map collections

Visit WorldMap: <http://worldmap.harvard.edu>

Currently WorldMap Warper has:

134 registered users

770 maps uploaded, 90% georeferenced

Visit Warper: <http://warp.worldmap.harvard.edu>

HARVARD GIS COMMUNITY NEWS

Applied Computational Science Challenge

Student teams will compete to solve a real-world humanitarian problem by applying modeling and other computational tools. To be held during winter recess, 2012. For more information and to register:

<http://iacs.seas.harvard.edu/student-activities/iacs-challenge-2012>

Harvard Geospatial Library Additions

The Harvard Geospatial Library has added 2011 FEMA flood insurance risk zones for the U.S. and its territories. These zones are used by the Federal Emergency Management Agency (FEMA) to designate the Special Flood Hazard Area (SFHA) and for insurance rating purposes.

In addition, more than 400 layers for municipalities in Nicaragua, El Salvador and Guatemala that were affected by Hurricane Mitch in 1998 have been added. This is a compilation of GIS data layers focused on hazard prevention and useful in municipal planning. Each dataset includes layers for a base area of one hundred square kilometers around the urban center of each municipality in the Hurricane Mitch project. Data for Honduras will be added at a later time.

View and download the maps at HGL: <http://hgl.harvard.edu>

Video of Graduate School of Design Event: Geographic Representation Now

The "Geographic Representation Now" colloquium was held on November 11, 2011 at the Harvard Graduate School of Design. View videos of the presentations and discussion from our GIS Events page, upper right:

<http://gis.harvard.edu/icb/icb.do?keyword=k235&tabgroupid=icb.tabgroup126182>

CONFERENCES AND EVENTS

Call for Participation: Catalyzing Research on Geographies of Broadening Participation

This program accepts and supports 16 scholars to attend a retreat in Philadelphia in 2012. Participants will develop a collective research agenda focused on geography's diverse intellectual contributions across a full spectrum of subfields in order to inspire new research priorities, interdisciplinary collaborations, and funding strategies. They will also be eligible to submit requests for a limited amount of funding support under the grant to conduct small studies related to the group's work. For more information see this topic on our Events and Calls page: <http://bit.ly/pK7D0B>

Call for Applications - Summer Academy 2012

United Nations University-Institute for Environment and Human Security (UNU-EHS) and the Munich Re Foundation invite qualified PhD students to apply for the 2012 Summer Academy "From Social Vulnerability to Resilience: Measuring Progress toward Disaster Risk Reduction". Applicants should have an interdisciplinary focus and work on research or dissertations related to measuring social vulnerability and resilience in the context of disaster risk management. The seventh Summer Academy will take place 1-7 July 2012 in Munich, Germany. For more information and to apply:

<http://www.ehs.unu.edu/article/read/call-for-applications-summer-academy-2012>

NEWS ON GIS RESEARCH AND SERVICES

ESRI Virtual Campus Web Courses

Many helpful self study courses on GIS and using ArcGIS. See a description on our Learning page:

<http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page189868>

Geospatial Challenge – Win Free Imagery

<http://bit.ly/uAeDHH>

Road Fatalities Map

<http://map.itoworld.com/road-casualties-usa>

Heart Study Suggests Place Matters

<http://nyti.ms/sgEGxq>

CartoDB Geoapp Development

<http://cartodb.com/>

Downloading Census Data for use in ArcGIS Tutorial

<http://bit.ly/v6xL6C>

Article: Cartography, Redefined

<http://www.yaledailynews.com/news/2011/oct/21/b/>

Lecturer in Geographic Information Science Position Open at Tufts

<http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page190008>

Geospatial Programmer Job Open at Yale

<http://www.yale.edu/jetz/GeospatialProgrammer.htm>

Editor of this issue is Jeff Blossom

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