

CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER
September 2013

HIGHLIGHTS

- GIS for the Humanities Workshop - Call for Registration
 - A New GIS Technical Training Workshop - Three-Dimensional GIS
 - NSF Grant to Improve WorldMap Interoperability
 - CGA Monthly GIS Presentations
 - Celebrate GIS Day with CGA
 - New GIS Service in the Loeb Library
 - Learn How CityEngine is Transforming Planning & Urban Design
 - 2013 Fall Spatial Ignite Boston, and Esri Dev Meet Up
 - QGIS 2.0.1 is Released
 - Mapping Slow-moving Seismic Waves in Earth's Upper Mantle Reveals Hotspot Volcanoes
 - Ethnicity Map of Syria and Lebanon
 - 2013 Colorado Flooding Map
 - Moonwalk Map on a Baseball Diamond
 - 40 Maps That Will Help You Make Sense of the World
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CGA NEWS

GIS for the Humanities Workshop - Call for Registration

This full-day workshop offers hands on instruction on learning and applying several GIS and mapping techniques commonly used by scholars practicing in the Humanities. The workshop will include discussion and interactive exercises aimed to contextualize the usage of geography and maps for each participant's individual research or teaching interests. The workshop will be on Thursday, December 5th, 2013. [Read more and apply online](#)

A New GIS Technical Training Workshop - Three-Dimensional GIS

One of our CGA affiliates, [Paul Cote](#), will teach 3D GIS on November 13, 1:00 – 3:00pm, in Room B127 of Northwest Building at 52 Oxford St. Participants in this workshop will learn how to render GIS data in 3D and to perform studies of visual connectivity. This workshop is now open for registration.

More information about technical training workshops and registrations can be found here:

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

WorldMap Update

The WorldMap platform (<http://worldmap.harvard.edu>) was part of a successful NSF application spearheaded by the Boston Area Research Initiative (BARI). This grant will fund a number of enhancements to WorldMap to improve its interoperability with other systems.

CGA's Monthly GIS Presentations – come join the discussion

- **[Geography Colloquia @CGA](#)**

"The paradox of China 2.0: Freedom within the great firewall and growing networked authoritarianism in the People's Republic of China" by Professor Daniel Sui, Ohio State University. **September 27th, 3:30 – 5:00pm**, in Room K354 of CGIS Knafel at 1737 Cambridge St, Cambridge, MA. [View Flyer](#)

"Teens, Technology, and Transportation" by Meghan Cope, Chair and Professor of Geography at the University of Vermont. **October 2nd, 12:00 – 1:30pm**, in Room K262 of CGIS Knafel at 1737 Cambridge St, Cambridge, MA.

Rob Kitchin, Director of National Institute of Regional and Spatial Analysis, and Professor of Geography at National University of Ireland, Maynooth, will present on **October 11th, 12:30 – 2:00pm**, in Room S450 of CGIS South, 1730 Cambridge St, Cambridge, MA. Specific topic will be announced soon.

- **[GIS Presentation Series \(ABCD-GIS\)](#)**

"Development and Implementation of Southern California Planning Model (SCPM)" by Qisheng Pan, Ph.D., Texas Southern University. **September 30th, 12:00 – 1:00 pm** in Room 262, 1737 Cambridge St, Cambridge, MA.

- **[CGA seminar series: GIS Applications in China Studies](#)**

This seminar series will feature our visiting scholars and fellows from China, who will exchange their research results and ideas in Chinese. Anyone proficient in Chinese language and interested in the topics is welcome to attend. **September 27th, 2:00 – 3:30pm**, in Room K354 of CGIS Knafel at 1737 Cambridge St. [View Flyer](#)

Celebrate GIS Day with CGA

This year GIS Day will be on Wednesday, November 20th. Here at CGA we will host several events, including an ABCD-GIS Presentation and demonstration of 3-D GIS, and exhibits featuring artifacts from the Harvard Lab for Computer Graphics, and Out of Eden Walk cartography. More details will follow. Come and join us to celebrate this unique fun day for GIS lovers!

Also, check out the GIS Day events around the globe: <http://www.gisday.com/gis-day-events-map.html>

New CGA Affiliates

Please welcome new CGA affiliates: Guibo Sun, Haibin Zhu, and Mark Henderson.

<http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page447877>

HARVARD GIS COMMUNITY NEWS

New GIS Service in the Loeb Library

The Loeb Library has hired Mapping TAs for students and faculty to answer GIS questions. The TAs will respond via email (mapping@gsd.harvard.edu), or meet in person during their office hours.

Location: Study Room A, Loeb Library

Office Hours: Mondays 4-6pm, Wednesdays 5:30-7:30pm, and Fridays 11-1pm

New Datasets from HGL

- Bromley Fire Insurance Atlases of Dorchester, MA (1889) and West Roxbury, MA (1890) are now available at Harvard Geospatial Library. These fully georeferenced images show amazing details, including building footprints and construction material. These two neighborhoods of Boston are covered in 65 separate images, and other neighborhoods will soon follow.
- LandScan 2012 Population Data Worldwide
LandScan has the finest resolution (1km resolution, 30" X 30"), and represents an ambient population. This data is available to Harvard affiliates from HGL: <http://hgl.harvard.edu>, as well as via WMS and WCS directly from the data vendor, [EastView Geospatial](#). HUID login required.

PolicyMap from Harvard Library

PolicyMap is a web-based online data and mapping application that provides access to over 15,000 indicators related to demographics, housing, crime, mortgages, health, jobs and more. Harvard Affiliates can login with your HUID for free use.

<http://nrs.harvard.edu/urn-3:hul.eresource:polycymap>

China Geo-Explorer II from the University of Michigan China Data Center

China Geo-Explorer II is a web based spatial data service that allows easy access to a rich collection of unique, authoritative, and comprehensive information from government statistics, population and economic Census, and many other data sources in a spatially integrated system with many powerful functions for exploratory spatial data analysis. It will be available until October 24, 2013, and can be accessed from the existing Harvard subscription to the China Data Center. HUID login required.

<http://nrs.harvard.edu/urn-3:hul.eresource:chinadat>

CONFERENCES, CALLS, EVENTS & EMPLOYMENT

Learn How CityEngine is Transforming Planning & Urban Design

This free webinar from Esri will be on Thursday, September 26th, 2013. To register online:

http://www.directionsmag.com/webinars/register/esri-webinar-cityengine/317711?utm_source=multi_invite&utm_medium=email&utm_campaign=317711

Esri Dev Meet Up

It is a "technical social" for developers to meet and discuss geospatial, geolocation, spatial analysis, and GIS. Developers at all levels are welcome. Free event are held across the Northeast. For more information: <http://www.meetup.com/DevMeetUpNortheast/>

2013 Fall Spatial Ignite Boston

AvidGeo is hosting this event, to be held on November 7, at the Arnold Arboretum, in Boston. Call for presentations: <http://goo.gl/6psNJY>.

The conference website: <http://www.avidgeo.com/2013-avidgeocon/>

NEWS ON GIS RESEARCH AND SERVICES

QGIS 2.0.1 is Released

What is new about 2.0: http://qgis.org/en/docs/user_manual/preamble/whats_new.html

Open Access to IJDE Cloud Computing Special Issue Articles

Open Source Geospatial Lab established at CAGIS, University of North Carolina at Charlotte, USA

More details at <http://gis.uncc.edu/>

Where Prisoners Are Guaranteed

Mapping Slow-moving Seismic Waves in Earth's Upper Mantle Reveals Hotspot Volcanoes

Live Transportation Visualization in Netherlands

Ethnicity Map of Syria and Lebanon

Live 3D mapping technology demonstrated at MIT

New Platinum Age of Maps

Electoral Map in NYC

"American Futures" and the Power of Maps

2013 Colorado Flooding Map

Also, you can access to USGS Colorado Flood Database: <http://co.water.usgs.gov/projects/COFloodDB/>

Map of Moonwalks Overlaid on a Baseball Diamond

40 Maps That Will Help You Make Sense of the World

Editors of this issue are Fei Meng and Jeff Blossom.

The CGA Newsletter is published monthly.

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