

CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER
July 2013

HIGHLIGHTS

- Article On Mapping Boston Urban Conditions
 - New CGA Affiliates
 - Out of Eden Walk Update
 - Satellite Data Access Competition
 - Conference on Informatics and Health Equity
 - Call for Papers: 2013 ACM Health GIS Conference
 - Ordnance Survey Open Data Access
 - 50th Anniversary of the ZIP Code
 - New Global Vegetation Map
 - Filtering Crisis Data Using Spam Filters
 - Anywhere in Three Words
 - New Global Map Services for OpenStreetMap
 - Mapping Beach Pollution in USA
 - US National Coastal Hazards Map
 - US Place Names Translated
 - Mapping an Invisible Slum
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CGA NEWS

WBUR Article On Boston Urban Conditions Data

Article on the Boston Area Research Initiative (BARI) use of customer relationship management (CRM) data to create maps of Boston's urban condition using WorldMap:

<http://www.wbur.org/2013/07/03/big-data-boston>.

Update on the Out of Eden Walk: Walking Jeddah

Jeff Blossom of the CGA continues to work with the Out of Eden Walk team on a variety of cartographic products. Here is an update on the walk progress: <http://www.outofedenwalk.com/map-room/walking-jeddah/>.

New CGA Affiliates

Please welcome the new CGA affiliates Haifeng Zheng, Molly Ariotti, Alex Wei, and Paul Cote:

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

HARVARD GIS COMMUNITY NEWS

Harvard Medical School Health Equity Conference

This conference promotes the use of informatics to conduct population health, clinical, and quality of care research with the goal of eliminating racial, ethnic, SES, and geographic health disparities. The conference will be held 8:00am – 12:30pm on Monday, September 16, 2013 in the Rotunda Room, Joseph B. Martin Conference Center:

<http://www.mfdp.med.harvard.edu/calendar/2013/september/events/sep16.html>

To pre-register, click [here](#).

CONFERENCES, CALLS, EVENTS & EMPLOYMENT**Call for Papers: 2013 ACM Health GIS Conference**

The International Conference on Advances in Geographic Information Systems will be held in conjunction with the 21st ACM SIGSPATIAL conference on November 5, in Orlando, FL. The paper submission deadline is August 20, 2013: <http://healthgis.tamu.edu/>.

Satellite Data Access Competition

To have a chance at obtaining satellite imagery for research purposes you can submit an application to <http://greenermaps.com/academic-competition/>.

Health GIS Conference

An Esri conference on health will be held October 14-16, in Cambridge at the Cambridge Hyatt Regency. There is an early bird discount for registrations before July 12: <http://www.esri.com/events/health>.

NEWS ON GIS RESEARCH AND SERVICES**Great Britain's Ordnance Survey Makes Map Services Available**

The Ordnance Survey is making access to some of its data available for download via the OS OpenData program <https://www.ordnancesurvey.co.uk/opendatadownload/products.html>. OS OpenData is a portfolio of 11 digital datasets of Great Britain produced by OS. They are made available for non-commercial use (free) and commercial use (paid).

Mapping the Boston Globe

This site shows on a map the places on the earth the Boston Globe has stories. Be patient as it can take time to load <http://globe.mediameter.org/>.

Spam Filter for Disaster Response Mapping

Article on <http://irevolution.net/2013/07/29/spam-filter-for-disaster-response/>.

Global Vegetation Map

<http://www.businessinsider.com/the-first-global-map-of-vegetation-from-the-proba-v-satellite-2013-7>

Two New Global Map Services for OpenStreetMap

- Automated high quality map labeling: <http://giscienceblog.uni-hd.de/2013/07/11/high-cartographic-quality-label-placement-on-osm-based-map/>
<http://www.openmapsurfer.uni-hd.de/>
- Scale determination: <http://giscienceblog.uni-hd.de/2013/07/14/osm-residential-areas-get-their-scales-determined/>
<http://openmapsurfer.uni-hd.de/scale-determinator.html>

Mapping Beach Pollution in the US

<http://www.theatlanticwire.com/national/2013/07/americas-most-feces-polluted-beaches-mapped/66885/>

US National Coastal Hazards Map

http://www.naturalcapitalproject.org/CoastalHazard_WebPortal.html

Mapping an Invisible Slum

<http://www.npr.org/blogs/parallels/2013/07/17/202656235/in-kenya-using-tech-to-put-an-invisible-slum-on-the-map>

US Place Names Translated

<http://a.tiles.mapbox.com/v3/slate.truenames/page.html#2/4.4/-6.5>

Zip Turns 50

An article on the zip code: <http://www.npr.org/blogs/thetwo-way/2013/07/01/197623129/the-zip-code-turns-50-today-here-are-9-that-stand-out>. Quiz: What is the smallest zip code in the country?

New Book: *Spatial Mathematics: Theory and Practice through Mapping*

By Sandra Arlinghaus and Joseph Kerski: <http://www.crcpress.com/product/isbn/9781466505322>

Mnemonic device for latitude longitude

Use What3Words to identify locations down to the nearest 2 meters <http://what3words.com/>.

Image Data Search Tool

Online tool provided by allows one to search and find best available high resolution imagery to purchase: <http://imagehunter.apollomapping.com/>.

Editors of this issue are Fei Meng and Ben Lewis.

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