

CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER
April 2013

HIGHLIGHTS

- CGA Spring Conference – May 2nd and 3rd
 - WorldMap Update
 - CGA's New GPS Receivers
 - May CGA Workshop Training
 - Fracking Data and FrackMap
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 - Maps Explain how Geology Drives Politics
 - Map of How our Dollar Bills Move
 - Our World from the International Space Station
 - Future U.S. Workforce for Geospatial Intelligence – Free Online Book
 - Geography Covering New Ground – LA Times Article
 - Africa Satellite Images Made Free By Gabon Geoportal
 - GPS on Cats.....3D Giza.....More...
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CGA NEWS

CGA Spring Conference – May 2nd and 3rd

The annual CGA conference “Creating the Policy and Legal Framework for a Location–Enabled Society” will be held **this week**, on Thursday and Friday, May 2-3, 2013 in the CGIS Tsai Auditorium at 1730 Cambridge St. Cambridge MA.

[View a detailed conference description and the Conference Agenda](#)

[Register for the Conference](#)

WorldMap Update

An early version of a **mobile client** has been implemented in [WorldMap](#). While out and about with your smart phone, add “/mobile” to the end of your Map URL (example: <http://worldmap.harvard.edu/boston/mobile>). The app supports locating yourself via GPS and creating and editing features (you must own the layer you are editing so create that before you go out in the field).

In addition, an early version of a **map annotation tool** has been implemented. You can find it under the “Notes” link at the top of any Map. This tool allows anyone to add annotation to any map. It is also possible to comment on an annotation, creating the possibility of geo-conversations. Please take a look at these new additions and give us your comments (worldmap@harvard.edu)!

Daily downloads of **global geo-tweets** are available [here](#). These files are large (a couple gigabytes uncompressed), contain 5 to 7 million tweets, (about 2% of total tweets for a given day) and mostly come from GPS enabled mobile devices.

A new platform capable of storing, and rapidly querying and rendering very large spatial datasets using [MapD](#), and an **implementation of MapD called [TweetMap](#)**, will be discussed at the annual CGA Conference “Creating the Policy and Legal Framework for a Location-Enabled Society” on Thursday, May 2nd. An [article](#) about Todd Mostak, MapD and TweetMap recently appeared on DataInformed.com. The article was picked up by Slashdot [here](#) and a lively discussion ensued, driving traffic sky-high on MapD and WorldMap.

CGA’s New GPS Receivers

The CGA has recently purchased 10 [Magellan eXplorist GC GPS](#) receivers, and one [Trimble GeoXT 6000](#) GPS receiver for use by Harvard Affiliates. If interested in using, please contact the CGA at: contact@help.cga.harvard.edu

May CGA Workshop Training

There’s a few training classes left this semester coming up in May: Cartography Workshop on 5/8, GPS Workshop on 5/9, and ArcGIS Online & Esri Maps for MS Office on 5/10. See details and sign up on our [Non-Credit Training page](#).

Fracking Data and FrackMap

For a recently taught workshop in conjunction with the Harvard School of Public Health named “Mapping Fracking”, the CGA has compiled an extensive database of oil and gas fracking related data here: <http://chgis.fas.harvard.edu/frack/>

Also check out FrackMap: <http://worldmap.harvard.edu/maps/FrackMap>

CGA’s monthly GIS presentations – come join the discussion in May (free lunch)

- [Geography Colloquium @ CGA](#)
The CGA Annual Conference will take the place of the Geography Colloquium this month.
- [GIS Presentation Series \(ABCD-GIS\)](#)
"Converting the MIT Geospatial Data Server from Oracle to OpenGeoPortal" by Daniel Sheehan, Senior GIS Specialist, MIT Libraries. May 15, 2013. Noon – 1:30 in Room S050 of the CGIS South building at 1730 Cambridge St.

CONFERENCES, CALLS, EVENTS & EMPLOYMENT

- Spring Northeast Arc Users Group Conference – May 14th, at UMass Amherst
[Register](#) [Conference Schedule](#)
 - [OGC Map Challenge for Students](#)
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NEWS ON GIS RESEARCH AND SERVICES

Boston Marathon Bombing Maps:[Crime Scene Perimeter](#)[Visualization of Tweets](#)[Manhunt Stay Inside Cities](#)[Association of American Geographers Conference Free Reading List](#)[Microsoft's GeoFlow](#)[Inequality and New York's Subway](#)[Maps explain how geology drives politics](#)[GPS on Cats](#)[3D Giza](#)[TeachGIS.org](#)[Map of How our Dollar Bills Move](#)[The New Cartographers](#)[Our World from the International Space Station](#)[Future U.S. Workforce for Geospatial Intelligence – Free Online Book](#)[BikeEverywhere.com](#)[Geography Covering New Ground – LA Times Article](#)[Africa Satellite Images Made Free By Gabon Geoportal](#)

Editor of this issue is Jeff Blossom.

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