

## CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER

April 2012

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## HIGHLIGHTS

- Cartography Workshop on May 3rd
- SpatialLABS
- Site License Options for Remote Sensing
- GIScience 2012 – Abstract Deadline 5/4
- UCGIS/USGS Conference on Geospatial Semantics
- CyberGIS 2012 Conference
- Big Data for GIS and Geography - Article
- The “Big Data Initiative” Funding Opportunities
- Tufts Library Uses GIS for Resource Planning and Facility Management
- Satellite Mapping Coordination System Launched
- Visualizing Emancipation Web Application
- GeoTrellis: Open Source Geoprocessing Engine for High Performance
- Water Risk Atlas
- Mexico Drug War Map
- PostGIS 2.0 Released
- Warmest U.S. Month of March on Record - Video
- Bathymetry Survey Map
- The Center for Spatial Law and Policy
- HTML5 For Map Visualization
- ArcBruTile – Tile Services in ArcGIS Desktop
- Mean Center Population for the U.S. Map

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## CGA NEWS

\*Cartography Workshop on May 3rd\*

This full-day hands-on workshop focuses on the visual representation of geographic information, and will teach the fundamentals and conventions of reference cartography, statistical thematic cartography, and the use of GIS to generate visual representations of spatial information. The cost is \$25 and includes lunch.

Date: Thursday, May 3, 2012

Location: Room B-09 of the Science Center

For more information and to register: <http://bit.ly/H0wAe7>

\*SpatialLABS\*

Offered by ESRI Press, SpatialLABS are stand alone computer lab activities that introduce, develop, and reinforce spatial reasoning and analysis skills. More on this product here: [www.esri.com/spatiallabs](http://www.esri.com/spatiallabs)

The CGA is considering purchasing this collection of classroom GIS lab exercises for use by any Harvard affiliate. Please let us know if you are interested in using this product by emailing: [contact@help.cga.harvard.edu](mailto:contact@help.cga.harvard.edu)

\*Site License Options for Remote Sensing\*

CGA is evaluating the need for adding a site license for ENVI, which is remote sensing image processing software. One option is to replace Idrisi with ENVI due to the low usage of Idrisi. If you use either of these software packages for your Harvard related teaching or research, please email [contact@help.cga.harvard.edu](mailto:contact@help.cga.harvard.edu) to let us know which product you prefer. We will continue to maintain ERDAS Imagine site license.

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## CONFERENCES AND EVENTS

### \*GIScience 2012 – Abstract Deadline 5/4\*

This conference on Geographic Information Science will be held September 19 – 21 in Columbus, Ohio. The deadline to submit abstracts is May 4, 2012

To submit an abstract and register: <http://giscience.org/register.html>

The conference main page: <http://giscience.org/index.html>

### \*UCGIS/USGS Conference on Geospatial Semantics\*

A special optional feature preceding the 2012 University Consortium for GIS Symposium “Building GIScience 2.0” in Washington, D.C., will be a pre-Symposium workshop on Geospatial Semantics, led by staff from the U.S. Geological Survey. The pre-symposium will be held on May 29<sup>th</sup>, to be followed by the symposium on May 30 – June 1.

More on the pre-symposium and to register: <http://www.ucgis.org/Events/moreinfo.asp?ID=304>

More on the UCGIS symposium:

<http://www.ucgis.org/symposium2012/schedule.aspx>

### \*CyberGIS 2012 Conference\*

The First International Conference on Space, Time, and CyberGIS (CyberGIS'12) will take place during August 6 - 9, 2012 on the campus of the University of Illinois at Urbana-Champaign, IL, USA. CyberGIS'12 will provide a forum for sharing cutting-edge research, education and training experiences ranging from new theories, methods, and applications of CyberGIS and Space-Time Analysis/Modeling/Synthesis, to related industrial relations and partnerships, and international collaborations. The call for papers deadline for this conference is May 15<sup>th</sup>.

The conference website: <http://www.cigi.illinois.edu/cybergis12/>

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## NEWS ON GIS RESEARCH AND SERVICES

### \*Big Data for GIS and Geography - Article\*

<http://bit.ly/HUMOMU>

### \*The “Big Data Initiative” Funding Opportunities\*

<http://1.usa.gov/Hnz8m7>

### \*Tufts Library Uses GIS for Resource Planning and Facility Management\*

<http://bit.ly/kzqQNr>

### \*Satellite Mapping Coordination System Launched\*

The story: <http://www.unitar.org/unosat/node/22/1975>

The application: <http://www.qdacs.org/>

### \*Visualizing Emancipation Web Application\*

Where men and women became free in the Civil War South.

The story: <http://spatialnews.geocomm.com/dailynews/2012/apr/13/news4.html>

The application: <http://dsl.richmond.edu/emancipation/>

### \*GeoTrellis: Open Source Geoprocessing Engine for High Performance\*

<http://www.azavea.com/products/geotrellis>

### \*Water Risk Atlas\*

<http://insights.wri.org/aqueduct/atlas>

### \*Mexico Drug War Map\*

<http://www.diegovalle.net/drug-war-map.html>

\*PostGIS 2.0 Released\*

<http://postgis.refractory.net/news/20120403/>

\*Warmest U.S. Month of March on Record - Video\*

[http://www.youtube.com/watch?feature=player\\_embedded&v=JAjijtDY8UU](http://www.youtube.com/watch?feature=player_embedded&v=JAjijtDY8UU)

\*Bathymetry Survey Map\*

<http://maps.ngdc.noaa.gov/viewers/bathymetry/>

\*The Center for Spatial Law and Policy\*

<http://spatiallaw.com/>

\*HTML5 For Map Visualization\*

<http://bit.ly/HoCuDL>

\*ArcBruTile – Tile Services in ArcGIS Desktop\*

<http://arcbrutiles.codeplex.com/>

\*Mean Center Population for the U.S. Map\*

<http://visual.ly/mean-center-population-united-states-1790-2010>

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Editor of this issue is Jeff Blossom

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