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## CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER

October 2009

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## HIGHLIGHTS

- CGA Updated FAQ Page
- Scanned Historic City Maps added to Harvard Geospatial Library
- Digital Social Science Fair
- Dynamic Spatial Modeling in a GIS - eSeminar Series
- New England URISA One Day Conference
- ESRI Space-Time Modeling Workshop
- AggData Geographic Business Listings
- Google Maps Thematic Gradient Control
- NASA World of Change
- Geographic Information for the Indoors
- Where the Buffalo Roamed
- Augmented Earth Maps
- Enhanced Global Elevation Data
- Make a Map Website
- Medical Marijuana Mashup Map
- Cellphones as a Spatial Platform

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## CGA NEWS

\*Updated FAQ Page\*

CGA has updated our technical GIS Frequently Asked Questions page to include a search by topic function:

<http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page190078>

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## HARVARD GIS COMMUNITY NEWS

\*Scanned Historic City Maps added to Harvard Geospatial Library\*

Additional items recently added to HGL include scanned historic maps of the following cities: Pittsburgh, Cincinnati, Cleveland, Milwaukee, Madison, Kansas City, St. Louis, Denver, Los Angeles, Seattle, Portland (Oregon), Quebec City; Louisbourg, Halifax and Port Royal (Nova Scotia); Mexico City, Havana, Dublin, Amsterdam, Brussels, Berlin, Dresden, Hamburg, Leipzig, Nuremberg, Copenhagen, Gibraltar, Lisbon, Madrid, Barcelona, Rome, Moscow, Jerusalem, Beijing, and Tokyo. Also recently added to HGL is a global oil pipeline data created by the Center for Geographic Analysis. Harvard Geospatial Library website:

<http://dixon.hul.harvard.edu:8080/HGL/hgl.jsp>

\*Digital Social Science Fair\*

This event will be held on November 4<sup>th</sup> from 2 - 5 pm, in the CGIS South building at 1730 Cambridge Street in room 030 and the atrium area on the concourse level. Co-hosted by the Academic Technology Group and the Division of Social Science, all Harvard faculty, staff, and students are welcome to attend.

There will be exhibits and presenters from the Libraries, the Bok Center, Instructional Media Services, the Division of Continuing Education, FAS IT, the Center for Workplace Development, the Institute of Quantitative Social Science, the Collection of Historical Scientific Instruments, the Peabody Museum, the Office for Scholarly Communication, the Office for Sponsored Research, Harvard Catalyst, the Center for geographic Analysis and several others. For more information:

<http://www.iq.harvard.edu/events/node/2066>

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## CONFERENCES

\*Dynamic Spatial Modeling in a GIS - eSeminar Series\*

The University Consortium for Geographic Information Sciences is sponsoring a series of electronic seminars, freely available for anyone to attend. There will be 6 seminars between October 28 and December 2. For more details:

[http://www.wun.ac.uk/ggisa/seminars/autumn09\\_programme/index.html](http://www.wun.ac.uk/ggisa/seminars/autumn09_programme/index.html)

\*New England URISA One Day Conference\*

The New England Chapter of the Urban and Regional Information Systems Association is sponsoring a one day conference on November 18<sup>th</sup> titled "Trends in Making Integrated Information More Accessible" to be held in Sturbridge, MA. For more information and to register:

<http://www.neurisa.org/events/program20091116.html>

\*ESRI Space-Time Modeling Workshop\*

This workshop in Redlands, CA on February 22 – 23, 2010 will feature keynote presentations, lightning talks, and small group discussions, as well as opportunities for informal brainstorming with leading geospatial thinkers and implementers.

[http://www.esri.com/news/releases/09\\_4qtr/space-time-modeling.html](http://www.esri.com/news/releases/09_4qtr/space-time-modeling.html)

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## NEWS ON GIS RESEARCH AND SERVICES

\*AggData Geographic Business Listings\*

A source for free and purchasable geographic data oriented toward business locations.

<http://aggdata.com/>

\*Google Maps Thematic Gradient Control\*

<http://googlegeodevelopers.blogspot.com/2009/08/gradientcontrol-making-thematic-mapping.html>

\*NASA World of Change\*

This website features a series of satellite images documenting how our world has changed over the last decade in yearly increments.

<http://earthobservatory.nasa.gov/Features/WorldOfChange/index.php>

\*Geographic Information for the Indoors\*

The company Micello is producing a "Google maps for the indoors" to help people navigate indoor spaces:

<http://www.smartertechnology.com/c/a/Technology-For-Change/Charting-the-Final-FrontierGoogle-Maps-for-Indoors/>

Micello's website: <http://www.micello.com/>

\*Where the Buffalo Roamed\*

A McDonald's restaurant density map, and analysis identifying the point furthest from any restaurant.

<http://www.weathersealed.com/2009/09/22/where-the-buffalo-roamed/>

\*Augmented Earth Maps\*

Combining earth visualization software with live, dynamic video from cities:

<http://www.cc.gatech.edu/cpl/projects/augearth/>

\*Enhanced Global Elevation Data\*

The freely available and widely used NASA Shuttle Radar Topographic Mission (SRTM) global elevation data has been processed to interpolate elevations across previous "no-data" voids. More on the improved dataset, and to download:

<http://srtm.csi.cgiar.org/>

\*Make a Map Website\*

This website launched by ESRI enables anyone to make a quick web map that can be embedded in a web page. Map content consists of seven different U.S. census demographic layers. Free, and easy to use:

<http://mapapps.esri.com/create-map/index.html>

\*Medical Marijuana Mashup Map\*

Medical dispensaries in the Sacramento, CA area that are licensed to sell:

<http://maps.google.com/maps/ms?hl=en&ie=UTF8&msa=0&msid=103680464430902088550.000476519416299708ad7&ll=38.577876,-121.442843&spn=0.160626,0.13796&source=embed>

\*Cellphones as a Spatial Platform\*

Google's open source android operating system for cell phones is being used to build cheap, powerful, hand held GIS systems by Raytheon:

[http://www.forbes.com/2009/10/19/android-google-military-technology-wireless-raytheon.html?partner=technology\\_newsletter](http://www.forbes.com/2009/10/19/android-google-military-technology-wireless-raytheon.html?partner=technology_newsletter)

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Editor of this issue: Jeff Blossom

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For previously published issues, visit:

<http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page189865>

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