
CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER
September 2009

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CGA NEWS

Harvard GIS Institute Winter Session

The CGA will offer our two-week intensive training program in GIS on January 4 - 15, 2010. The program is designed for Harvard graduate students, post-doctoral fellows, and faculty who want to learn spatial analysis and apply GIS methods in their research. No previous GIS experience necessary. Application deadline is **October 15, 2009**. More info and to apply online:

<http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page148866>

Geographic Information Sharing Tool

The CGA's Geographic Information Sharing Tool (GIST) was developed to facilitate browsing, creating, sharing, and downloading geographic information using the freeware version of GoogleEarth as the client software. The URL has recently been updated:

<http://chgis.hmdc.harvard.edu/gist/>

ArcGIS Layer Files Available

For ArcGIS users on the Harvard network, the ESRI Data and Maps 2008 dataset can be accessed by simply loading one layer in ArcMap that loads the data from an SDE server. No data downloads necessary. The layer files can be downloaded after logging in first at:

<http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page190080>

IDRISI Taiga Upgraded

This remote sensing software has recently been upgraded to version 16.03, and is available for download after logging in at:

<http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page189839>

More info on Taiga:

<http://www.clarklabs.org/products/index.cfm>

HARVARD GIS COMMUNITY NEWS

China Wind Power Article in Science

Harvard researchers who have collaborated with CGA in the past are featured in the cover story of Science magazine.

The Article: "Potential for Wind-Generated Electricity in China":

<http://www.sciencemag.org/cgi/content/short/325/5946/1378>

Science magazine cover:

<http://www.sciencemag.org/content/vol325/issue5946/cover.dtl>

A review of the article:

<http://www.technologyreview.com/energy/23460/?a=f>

CONFERENCES

GeoProcessing 2010

The Second International Conference on Advanced Geographic Information Systems, Applications, and Services will be held February 10-15, 2010 in St. Maarten, Netherlands Antilles. Paper abstract deadline is **October 5**. More details, and to submit an abstract:

<http://www.iaia.org/conferences2010/CfPGEOProcessing10.html>

AAG-CSG Student Paper Competition

The Cartography Specialty Group (CSG) of the Association of American Geographers has announced the 2010 Honors Student Paper Competition to be presented at the AAG Annual Meeting in Washington DC on April 14-18, 2010. The competition is open to students at all academic levels. Deadline for submission is **October 14**, 2009.

http://isites.harvard.edu/fs/docs/icb.topic533305.files/Calls/CFA_CSGHSPC_10_14_09.pdf

NEWS ON GIS RESEARCH AND SERVICES

GSDI Small Grants Program Call for Proposals

The Global Spatial Data Infrastructure Association has announced its Small Grants Program for the year 2009-10. Specifically awards will be given for spatial data infrastructure or Earth Observation Science related activities in economically disadvantaged nations. The application deadline is **October 1**, 2009. Awards are \$2500 USD in cash and/or contributed volunteer professional services for the project.

http://www.gsd.org/newslist/posts/newspostpage?PK_ID=152

Overseas GIS Analyst Positions Open

The U.S. State Department Humanitarian Information Unit is seeking GIS Analysts for 2 positions overseas. Read the two position announcements:

http://isites.harvard.edu/fs/docs/icb.topic533305.files/Jobs/AFRICOM_Position.pdf

http://isites.harvard.edu/fs/docs/icb.topic533305.files/Jobs/PACOM_Position.pdf

World Freedom Atlas

A geovisualization tool for global freedom, democracy, human rights, and good governance.

<http://freedom.indiemaps.com/>

ArcGIS Explorer

The latest version of the free ArcGIS Explorer GIS visualization software has been released, and contains many tools and data that enable rich visualizations and map making capability. More information and to download:

<http://www.esri.com/software/arcgis/explorer/index.html>

Global Flood Map

An interactive web map displaying global flood conditions with different levels of sea level rise.

<http://globalfloodmap.org/>

GPS Visualizer

Do it yourself online mapping for GPS users.

<http://www.gpsvisualizer.com/>

Open Source GIS on a USB Drive

With high capacity, fast USB drives and advances in programming it is now possible to carry a fully featured desktop and web-based GIS in your pocket: <https://launchpad.net/portable-gis>

ArcGIS Time Analysis Tool

This extension to ArcMap is the product from a National Science Foundation grant applied toward developing a GIS-based analytical time-geographic framework for physical and virtual activities. Project website, and download the extension:

<http://web.utk.edu/~sshaw/NSF-Project-Website/default.htm>

Map Projection Distortion Visualization Tool

An interactive website where one can change map projections for a global map, and view the resulting distortions:

<http://www.btinternet.com/~se16/js/tissot.htm>

Google Earth Trainers Workshop

A workshop for Google Earth trainers will be held on 25 October, 2009 at AfricaGIS 2009 in Kampala, Uganda. Registration deadline is September 30. To register:

<http://africagistrainers.earthoutreach.org/>

GPS for Asthma

<http://www.geoplace.com/ME2/dirmod.asp?sid=&nm=&type=MultiPublishing&mod=PublishingTitles&mid=13B2F0D0AFA04476A2ACC02ED28A405F&tier=4&id=2B4A5A6E51F0489F9CDAF2B229A61C49>

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

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