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CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER
August 2009
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HIGHLIGHTS

- Global Oil Visualization with Google Earth
- Fall Training Dates Announced
- GPS Camera Available
- Business Analyst 2009 Available
- ESRI UC 2009 Technical Workshop Videos
- Updated CGA Project Resume
- GIS & Sustainable Development in Africa
- Marble-Boyle Undergraduate Achievement Awards in Geographic Science
- Journal of Maps
- Indian Earth Visualization Software
- The Manahatta Project
- Geocoding Software List
- Massachusetts Transportation Maps and Data
- Atlas of World History
- Teachspatial.org
- uMapper Games
- What GIS Needs Next Article
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CGA NEWS

Global Oil Visualization with Google Earth
Jeff Blossom of CGA recently presented "Using Google Earth as a Classroom Tool" at the "Oil and the Contemporary Globe" workshop. Download the maps in .kmz format, view the presentation outline, and more, at:
http://maps.cga.harvard.edu/oil/

Fall Training Dates Announced
The CGA will again be offering non-credit GIS training workshops. To view the course descriptions, dates, and register:
http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page189848

GPS Camera Available
CGA has purchased a Garmin Oregon 550 GPS for use by any Harvard affiliate. The unit features a touch screen, and 3.2 megapixel camera for taking geo-tagged photos. Email us at
contact@help.cga.harvard.edu if interested is using.
Product specifications for the Oregon 550:
https://buy.garmin.com/shop/shop.do?cID=145&pID=26875

Business Analyst 2009 Available
CGA has received and installed ESRI ArcGIS Business Analyst Desktop 2009. This software contains census data projected to 2009 and 2014 values, over 12 million individual business and shopping center locations, and more. It is available for use by any Harvard affiliate; please contact us at
contact@help.cga.harvard.edu if interested. More info on business analyst:
http://www.esri.com/software/arcgis/extensions/businessanalyst/index.html

ESRI UC 2009 Technical Workshop Videos
The CGA has recently received the ESRI Users Conference 2009 technical workshop video DVD. We are not going to post all the videos online this year due to the license constraints. Most of the workshops are the same as last year's which are already available on CGA website. For access, go to http://gis.harvard.edu and login at the upper right. Then go to this link:
http://gis.harvard.edu/icb/icb.do?keyword=k235&state=popup&topicid=icb.topic167002&view=view.do&viewParam_name=2008_Sessions&viewParam_fname=

This year ESRI has made plenary sessions, lightning talks and some workshops available online at:
http://www.esri.com/events/index.html. If you want to learn what's new in ArcGIS 9.3.1 and 9.4, you can just watch ESRI's online video.

If you want to watch some 2009 workshops that are not available online, please make an appointment and come to CGA's office to watch them. Here is a list of some new workshops that might catch your attention, and a link to a complete list of workshops below.

972 Bringing Your Geographic Information to Life
973 Web GIS, Taking Advantage of the Cloud
974 Imagery Then and Now; Detecting Change
171 GIS Design Methods
235 Working with ArcGIS Online
971 Getting Started with ArcGIS Online

Full list of workshops (you must be logged in):
http://isites.harvard.edu/fs/docs/icb.topic167002.files/2009_UC_sessionlisting.pdf

Updated CGA Project Resume
We've updated our project resume page through 2008, listing projects by both theme and year:
http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page222548

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CONFERENCES

GIS & Sustainable Development in Africa
An event summary and presentations from the "Geospatial Science & Technology for Sustainable Development in Africa: Partnerships and Applications" conference held in May, 2009 are available here:
http://belfercenter.ksg.harvard.edu/publication/19107

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NEWS ON GIS RESEARCH AND SERVICES

Marble-Boyle Undergraduate Achievement Awards in Geographic Science
These awards aim to recognize excellence in academic performance by undergraduate students in geography and computer science. For eligibility and application details:
http://www.aag.org/grantsawards/marble_boyle.htm

Journal of Maps
This is a non-profit group seeking to make available original mapped research to anyone with an interest in the subject areas: http://www.journalofmaps.com/

Indian Earth Visualization Software
Just released by the Government of India, their Bhuvan software showcases satellite imagery, thematic maps, societal applications, and geographic models for the country of India. For more information and to download:
http://bhuvan.nrsc.gov.in/

The Manahatta Project
An interactive map showing and describing what Manhattan was like in 1609.
http://themannahattaproject.org/

Geocoding Software List
University of Southern California maintains this list of geocoding software:
http://webgis.usc.edu/Services/Geocode/About/GeocoderList.aspx

Massachusetts Transportation Maps and Data
The Mass. Executive Office of Transportation has both static and real time transportation information available for consumption into web maps. To see some sample maps and learn more:
http://www.eot.state.ma.us/developers/

Atlas of World History
Free map animation software for teachers and students.
http://www.atlasofworldhistory.com/

uMapper Games
Test your Geography knowledge with different games, or create your own
http://www.umapper.com/

Teachspatial.org
A collaborative web site devoted to promoting applications of spatial concepts and spatial tools in teaching and learning: http://teachspatial.org/

What GIS Needs Next Article
Part 1:
http://www.directionsmag.com/printer.php?article_id=3234
Part 2:
http://www.directionsmag.com/printer.php?article_id=3238

Open Street Map
An article on Open Stret Map and the projects it is spawning.
http://www.pcpro.co.uk/blogs/2009/07/29/why-open-street-map-is-brilliant/