CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER
August 2012

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HIGHLIGHTS
- New Faces at CGA
- New Gen Ed course using GIS: "Mapping Our World"*
- Harvard Geography Colloquium: The Legacy of Spatial Thinking at Harvard
- ABCD-GIS Presentation: ESRI CityEngine Software for 3D
- GIS Workshops: Fall Schedule
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- Google Earth Pro License Expiration
- Emergency Department Web Map
- Harvard Geospatial Library Additions
- ESRI International User Conference: Report, Papers, Technical Workshops
- Specialist Meeting – Spatial Thinking Across the College Curriculum
- Improved Support for Landsat Imagery in ArcGIS 10.1
- ESRI and PCI Natural Resources Imagery Grant Program
- Strange Maps Blog
- US Historical Drought Maps
- More…

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CGA NEWS

New Faces at CGA
The CGA is happy to announce the recent hiring of Junior GIS Specialist Stacy Bogan. See her profile on the CGA People page: http://bit.ly/Ru0iYb
We also have several new visiting scholars, listed here: http://bit.ly/PFTUfX

New Gen Ed course using GIS: "Mapping Our World"
Empirical and Mathematical Reasoning 21: "Mapping Our World" will be taught this Fall 2012-2013 by Professor Peter K. Bol (East Asian Languages and Civilizations) and Kirk P. Goldsberry (Center for Geographic Analysis; Michigan State University). This course introduces contemporary map design, geographic information systems (GIS) and spatial analysis; our emphasis will be on the concepts and techniques that empower new spatial insights into our world. View details on the EMR listing page:
http://bit.ly/OykhGs
View the syllabus and reading list on the EMR 21 course page (login required):
http://isites.harvard.edu/icb/icb.do?keyword=k87888

Harvard Geography Colloquium: The Legacy of Spatial Thinking at Harvard
The next Harvard Geography Colloquium will feature Dr. Don Janelle presenting "William Warntz & The Legacy of Spatial Thinking at Harvard University." It will be held on September 5th at Noon in the CGIS South S050 room. View the flyer: http://hvrd.me/S4LLcb

ABCD-GIS Presentation: ESRI CityEngine Software for 3D
The next Harvard ABCD-GIS presentation will be held on September 17th at 4:30 p.m. in Room K354 of the CGIS Knafel building. Presenters Dominik Tarroli and Geoff Taylor from ESRI and Kevin DeVito of CyberCity3D will present how ESRI's new CityEngine software is used for 3D modeling. View the flyer:
http://hvrd.me/OC5zwN

GIS Workshops: Fall Schedule
Each semester CGA offers instructor-led non-credit technical training workshops to introduce GIS concepts and teach the basics on how to use GIS software. All 12 workshops are free, and held on Fridays from 1:00 - 3:00 PM, beginning September 21st. Registration and Harvard affiliation is necessary to attend. For details, dates and registration see our non-credit training page:
http://gis.harvard.edu/icb/icb.do?keyword=k235&pageid=icb.page189848

ArcGIS 10.1 Single Use Licenses Available
The CGA now has these licenses available for use by Harvard affiliates. Email us at
contact@help.cga.harvard.edu to get one.

Google Earth Pro License Expiration
Harvard's Google Earth Pro license has expired. The CGA had sent in a renewal request to Google but haven't heard back yet. We will update this notification if and when Google renews our licenses. We apologize for the discontinuity of this grant-based license.

Emergency Department Web Map
A recently completed CGA project showing a comprehensive database and map of all emergency departments in the U.S: http://edmaps.org

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HARVARD GIS COMMUNITY NEWS

Harvard Geospatial Library Additions
The Harvard Geospatial Library (HGL) has added 22 layers representing historic U.S. county boundaries and county populations for each decade from 1790 until 2000. The data was produced by the University of Minnesota's Population Center as part of the National Historic GIS (NHGIS) project. The datasets residing in the HGL represent what were originally two separate NHGIS files that were aggregated/joined by the CGA in order to make the county and population data more user-friendly in a GIS environment.
Data is accessible for browsing and download here:
http://nrs.harvard.edu/urn-3:HUL.gisdata:013175162 or by searching for 'Historic County Population' in the HGL search box at http://hgl.harvard.edu/

In addition, over 200 layers containing United States demographic and marketing statistics from 1995 have been added. The statistics are presented with ZIP-code boundaries and U.S. Census Tract boundaries for each U.S. state and the District of Columbia, and is presented at county and state level for a few nation-wide datasets. The data was derived from MaconUSA's DVD set called 'Maps and Data for Microsoft Office 95', published in 1996, and was converted from MapInfo tab format to ESRI shapefile format in order to make it more accessible. Data is accessible to Harvard affiliates via PIN login and can be browsed and downloaded here: http://nrs.harvard.edu/urn-3:HUL.gisdata:007297694 or by searching for 'maconusa' in the HGL search box.

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CONFERENCES AND EVENTS

ESRI International User Conference: Report, Papers, Technical Workshops
The CGA's Molly Groome attended Esri's 32nd International User Conference from July 23-27, 2012. Over 15,000 people attended from 131 countries. View her conference report for details about Esri products and what new releases to expect over the next year: http://hvrd.me/PEXAUK
Conference proceedings: http://bit.ly/MWgUuc
Free technical workshops from the conference: http://bit.ly/Mx9nze

Specialist Meeting – Spatial Thinking Across the College Curriculum
This two day meeting will be held in Santa Barbara, California, December 10 - 11. Call for abstracts are due September 24. For more information: http://bit.ly/PF9fxj

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NEWS ON GIS RESEARCH AND SERVICES

Improved Support for Landsat Imagery in ArcGIS 10.1
http://bit.ly/NBVKjx

ESRI and PCI Natural Resources Imagery Grant Program

http://bit.ly/S4R9vS

Strange Maps Blog
http://bigthink.com/blogs/strange-maps

US Historical Drought Maps
http://drought.unl.edu/Planning/Monitoring/HistoricalPDSIMaps.aspx

Mapping and GeoSpatial Analysis In Amazon Web Services Using ArcGIS
http://bit.ly/Pd8vjZ

Versailles 3D
http://www.versailles3d.com/en/

UK Ordnance Survey Launches International Service
http://bit.ly/OcDzCA

What your favorite map projection says about you
http://xkcd.com/977/

Arctic Sea Ice Maps and Graphs
https://sites.google.com/site/arcticseaicegraphs/

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Editor of this issue is Jeff Blossom
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