

CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER
January 2014

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CGA NEWS

NSF Launches Spatiotemporal Innovation Center

The National Science Foundation (NSF) Industry & University Cooperative Research Center (I/UCRC) Program funded three universities (University of California at Santa Barbara, George Mason University and Harvard University) to establish the I/UCRC for Spatiotemporal Thinking, Computing, and Applications. The new spatiotemporal innovation center will collaborate with government and industry to advance research aimed at deepening human understanding of how phenomena are linked in space and time, as well as developing new thinking, methodology, tools and solutions to address world challenges. For more information, please click [here](#).

Call for Registration - 2014 CGA Conference: Geospatial Technology and Online Education

This year’s CGA conference is aimed at reviewing the current status, achievements, lessons learned, unmet needs, challenges, potentials and perspectives of both geospatial online education and geospatial-enabled online education across the disciplines. **May 2nd, 2014**. CGIS South Concourse level, 1730 Cambridge St., Cambridge, MA.

<http://gis.harvard.edu/events/conferences/2014-cga-conference-geospatial-technology-and-online-education>

CGA New Website

The CGA has officially launched our new website, now featured at: <http://gis.harvard.edu/>. It retains the main functions from the old site, but features substantial reorganization and a fresh look. As this is brand new and we are still performing some content migration, we encourage users to submit feedback on the new website's functionality, design, content, and aesthetics. Please submit your comments to contact@help.cga.harvard.edu. Your help is much appreciated.

WorldMap Updates

It is now possible to include dates describing the contents of map layers which go back as far in time as you wish -- BC or even before dinosaurs (BD). In addition, two new base maps from Stamen Design <http://stamen.com> have been added to WorldMap:

- Watercolor <http://maps.stamen.com/watercolor/#9/42.2154/-70.8715>;
- Toner <http://maps.stamen.com/toner/#9/42.2154/-70.8715>

GIS Site License Software Upgrade/Renewal (For Harvard Affiliates Only)

- ArcGIS 10.2.1 for Desktop: <http://gis.harvard.edu/tools/software/arcgis-desktop-1021>
- ArcGIS 10.2.1 for Server: <http://gis.harvard.edu/tools/software/arcgis-server-1021>
- Esri Business Analyst 10.2.1 for Desktop: <http://gis.harvard.edu/tools/software/esri-business-analyst-desktop-1021>

Upcoming 2014 GIS Technical Training Workshops

CGA offers several non-credit technical training workshops related to GIS (Free to Harvard affiliates but registration is required). The workshops are:

- **GIS Basics with ArcGIS - Cambridge**, by Sumeeta Srinivasan, 1:00 – 3:00pm, January 31st, 2014
- **GIS Basics with ArcGIS - Longwood**, by Sumeeta Srinivasan, 1:00 – 3:00pm, February 7th, 2014
- **Wrangling Data into Maps – Cambridge**, by Jeff Blossom, 1:00 – 3:00pm, February 7th, 2014
- **Wrangling Data into Maps – Longwood**, by Jeff Blossom, 1:00 – 3:00pm, February 14th, 2014
- **Making Sense out of Spatial Data – Cambridge**, by Sumeeta Srinivasan, 1:00 – 3:00pm, February 14th, 2014
- **Making Sense out of Spatial Data – Longwood**, by Sumeeta Srinivasan, 1:00 – 3:00pm, February 21st, 2014
- **Geoprocessing with Model Builder- Cambridge**, by Giovanni Zambotti, 1:00 – 3:00pm, February 21st, 2014
- **WorldMap Training- Cambridge**, by Ben Lewis, 1:00 – 3:00pm, February 28th, 2014

More information about technical training workshops and registrations can be found here:

<http://gis.harvard.edu/training/non-credit-training/technical-training-workshops>

Web GIS Course @ Harvard Extension School

Extension-CSCI E-8: Web GIS: Principles and Applications is offered this semester on Thursdays at 7:40 - 9:40pm. This course provides students with a comprehensive overview of web GIS, teaches students the state-of-art web GIS application development skills including geospatial web services, cloud GIS, mobile GIS, geoportals and mashups, and inspires students with web GIS application case studies in e-

government and e-business. More details at: <http://gis.harvard.edu/training/credit-courses/extension-csci-e-8-web-gis-principles-and-applications>

WorldMap Collaborative – Every Mondays @ 5pm

The WorldMap Collaborative weekly meeting will be held both at Room K031 and online at <https://harvard.bluejeans.com> (Join as “Participant”, Meeting ID: 145901999) this semester, starting January 27th, 2014.

More information about the WorldMap Collaborative can be found there:

<http://gis.harvard.edu/training/non-credit-training/worldmap-collaborative%E2%80%93spring-term-2014>

New Map for the Out of Eden Walk project – “Segment Metrics”

Jeff Blossom of the CGA continues to work with the Out of Eden Walk team on a variety of cartographic products. http://www.outofedenwalk.com/media/2013/12/1312_segment_metrics/

New Use for WorldMap: CORONA Satellite Image

<http://nature-space-place.blogspot.com/2014/01/portal-to-historical-gis-that-i-am.html>

HARVARD GIS COMMUNITY NEWS

The beginnings of geographical information systems: a personal historical perspective

This article by [Carl Steinitz](#) published on Planning Perspectives describes activities at the Harvard Laboratory for Computer Graphics in the years 1963–1970. It recalled the history of some of the earliest experiments in the development and application of GIS.

<http://www.tandfonline.com/doi/full/10.1080/02665433.2013.860762#.UubJ7RAo5aQ>

CONFERENCES, CALLS, EVENTS & EMPLOYMENT

Call for Papers: International Journal of Geographical Information Science Special Issue on Big Data and Complexity Science

Paper submission is due on November 30th, 2014. More details can be found here:

<https://sites.google.com/site/call4papersbigdata/>

Esri New England Water/Wastewater Special Interest Group Meeting

This meeting focuses on water and wastewater management by leveraging the ArcGIS Platform. New features of ArcGIS 10.2 for Water Utilities will be introduced. January 30th, 2014. Middleton, MA. More information about this meeting and registration:

http://events.esri.com/info/index.cfm?fuseaction=seminarRegForm&shownumber=17616&webservice=6801&element=cta&WT.mc_id=EmailCampaignb6801

Esri Seminar: Sharing Cached Imagery in ArcGIS

This free seminar will allow you to understand how to create, evaluate, and share your imagery in cached format using ArcGIS platforms. January 30th, 2014.

http://training.esri.com/Gateway/index.cfm?fa=seminars.viewDetails&course_id=214

“Where in the World” Challenge Competition

The Intent for “Where in the World” challenge is to develop anticipatory spatiotemporal analytic skills to create and report “from the future” on the five best and five worst places to live on earth in the year 2025 based on certain criteria. For more information about this competition and application, please click [here](#).

NEWS ON GIS RESEARCH AND SERVICES

[Mapping Poverty in America](#)

[19th Century America Whaling Mapped](#)

[40 More Maps That Explain the World](#)

[12 Maps That Changed the World](#)

[Tornado Travel Map](#)

[Global Disaster Alert and Coordination System \(GDACS\) Satellite Mapping Overview](#)

Editors of this issue are Fei Meng and Jeff Blossom.

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