

CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER  
September 2014

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#### HIGHLIGHTS

- Call for Registration: GIS Institute Winter 2015
  - CGA's Monthly GIS Presentations
  - Upcoming GIS Technical Training Workshops
  - Esri CityEngine 2014.1 Available
  - GeoPlanner for ArcGIS Online
  - New Essay for Out of Eden Walk Project – “Compass Bearings: Neighborhood Meanders”
  - Updates on Harvard Geospatial Library
  - Call for Presentations: Special GIScience Research Sessions at 2015 Esri International Users Conference
  - Join the GIS Day World Record Attempt
  - Grantee Webinar Series: NIH-Funded Projects on Spatial Uncertainty: Data, Modeling and Communication
  - Free Remote Sensing Webinars
  - Opportunity for GIScience Doctoral Students
  - A Carbon Map Reveals Climate Change Issues
  - WHO Ebola Outbreak Response Maps
  - Interactive Map Reveals Boston's Worst Commutes
  - More ...
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#### CGA NEWS

##### **Call for Registration: GIS Institute Winter 2015**

This 9-day intensive training program in January 2015 aims to teach students how to perform spatial analysis and apply GIS methods in their research. No previous GIS training required. The application deadline for the January GIS Institute is **October 24<sup>th</sup>, 2014**. More information about application details can be found here: <http://gis.harvard.edu/training/non-credit-training/gis-institute>  
To review the program materials from last offering in June 2014, please click [here](#).

##### **CGA's Monthly GIS Presentations** – come join the discussion

- [Geography Colloquia @CGA](#)  
*“The Social Atlas of Europe: Using geoinformatics to paint a picture of a continent united in diversity”*, presented by Dimitris Ballas, a Senior Lecturer in the Department of Geography at the University of Sheffield. **October 1<sup>st</sup>, 2014, 12:00 -1:30pm**
- [ABCD-GIS Presentation Series](#)  
*“Impact of coal mining on land environment in the western part of Jharia Coal field, Jharkhand, India: An analysis through Remote Sensing and GIS techniques”*, presented by Dr. Lopamudra

Dasgupta, of the GIS Research Laboratory, University of Washington. **October 15<sup>th</sup>, 2014, 12:00 -1:30pm**

### **Upcoming 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:

- **Database Design for GPS/GIS Applications - Cambridge**, by Nicole Alexander, 1:00 – 3:00pm, October 3<sup>rd</sup>, 2014
- **WorldMap Training – Cambridge**, by Ben Lewis, 1:00 – 3:00pm, October 10<sup>th</sup>, 2014
- **Exploring Google's Mapping Products – Cambridge**, by Jeff Blossom, 1:00 – 3:00pm, October 17<sup>th</sup>, 2014
- **ArcGIS Online & Esri Maps for MS Office – Cambridge**, by Giovanni Zambotti, 1:00 – 3:00pm, October 24<sup>th</sup>, 2014
- **Introduction to Remote Sensing – Cambridge**, by Sumeeta Srinivasan, 1:00 – 3:00pm, October 31<sup>st</sup>, 2014

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

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

### **Esri CityEngine 2014.1 Available**

Esri CityEngine 2014.1 is now available to download for Harvard affiliates. More details can be found here: <http://gis.harvard.edu/tools/software/esri-cityengine-20141>

### **GeoPlanner for ArcGIS Online**

GeoPlanner for ArcGIS Online has been added to Harvard's Education Site License. GeoPlanner is a web application for land-based planning and design. With it, students can learn concepts like suitability modeling, scenario-based design, and spatial analysis.

<http://gis.harvard.edu/tools/software/geoplanner-arcgis-online>

### **New Essay for Out of Eden Walk Project – “Compass Bearings: Neighborhood Meanders”**

Jeff Blossom of the CGA wrote his third essay highlighting different mapping challenges and solutions encountered on the Out of Eden Walk project. <http://www.outofedenwalk.com/blog/lab-talk/2014/09/compass-bearings-neighborhood-meanders/>

## **HARVARD GIS COMMUNITY NEWS**

### **New Historic Map in Harvard Geospatial Library**

Four volumes of georeferenced historic maps from the 1888 Bromley Fire Insurance atlas covering Dorchester, West Roxbury, Brighton, and South Boston are now available from HGL.

## **CONFERENCES, CALLS, EVENTS & EMPLOYMENT**

### **Call for Presentations: Special GIScience Research Sessions at the 2015 Esri International Users Conference**

Esri invites you to present a peer-reviewed paper in a series of special joint GIScience Research Sessions for the 2015 Esri International Users Conference and Educational User Conference. Papers in this special track must focus on cutting-edge research in GIScience. Abstracts should be submitted no later than 15<sup>th</sup> November, 2014. More details can be found [here](#).

### **Join the GIS Day World Record Attempt**

You are invited to join the Global effort of the UK Centres of Excellence to attempt a world record during GIS Day/National Geography Week November 16<sup>th</sup> – 22<sup>nd</sup>, 2014. All the details of the event and how to sign up can be found in the Map Journal here:

<http://rhsb.maps.arcgis.com/apps/MapJournal/?appid=d44ea4164dfb41238c427ec0ade64768>

### **Grantee Webinar Series: NIH-Funded Projects on Spatial Uncertainty: Data, Modeling and Communication**

This webinar series will provide updates on the progress of currently funded grants, identify gaps and opportunities in Spatial Uncertainty in all areas related to human health, and identify important road blocks to future progress in this field. More details at:

[http://sendai.hmdc.harvard.edu/cga\\_website\\_files/PDF\\_misc/Spatial\\_Uncertainty\\_Webinar\\_Flyer.pdf](http://sendai.hmdc.harvard.edu/cga_website_files/PDF_misc/Spatial_Uncertainty_Webinar_Flyer.pdf)

### **Free Remote Sensing Webinars**

- *“Remote Sensing Basics”*: October 16<sup>th</sup>, 2014. 2:00pm – 3:00pm. This webinar will provide an introduction to remote sensing fundamentals including electromagnetic energy, color theory, spectral pattern analysis, and analog vs. digital imagery. Justification for the use of remote sensing will be discussed along with definitions of important concepts and terms. The webinar will conclude with a brief introduction to Landsat imagery, one of the longest running and most important satellite programs for earth observation. Click here to register and reserve your seat: <https://www3.gotomeeting.com/register/978645318>
- *“How to Select the Best Imagery for Your Remote Sensing Project”*: November 6<sup>th</sup>, 2014. 2:00pm – 3:00pm. This webinar will prepare you to select the best imagery to meet the needs and objectives of your next project. Advantages and disadvantages of digital vs. analog imagery will be discussed. The characteristics common to all imagery will be presented, defined, and examples provided. The final selection of the best imagery is always determined by balancing these characteristics with cost. The webinar will conclude with a discussion of these tradeoffs and costs of imagery. Click here to register and reserve your seat: <https://www3.gotomeeting.com/register/582878630>

### **Opportunity for GIScience Doctoral Students**

Here is an opportunity for doctoral candidates who are funded by the NSF in the framework of its Graduate Research Fellows Program (GRFP) to apply for a fully-funded 10-12 months in Austria at the University of Salzburg. More details about this programme:

<http://www.fwf.ac.at/en/research-funding/fwf-programmes/international-programmes/grow/>

### **NEWS ON GIS RESEARCH AND SERVICES**

[A Carbon Map Reveal Climate Change Issues](#)

[WHO Ebola Outbreak Response Maps](#)

[Interactive Map Reveals Boston's Worst Commutes](#)

[Scotland Voting Results Mapped](#)

Also, another article talks about mapping the Scottish Referendum with Twitter :

<http://www.floatingsheep.org/2014/09/hashtags-and-haggis-mapping-scottish.html>.

[Bird Species and Climate Change Animated Maps](#)

[Historical State Cigarette Tax](#)

[New Linked Data Cloud Diagram 2014](#)

[Top 10 Websites of 2014 for Urban Planning, Design, and Development by Planetizen](#)

[Getty Thesaurus of Geographic Names Released as Linked Open Data](#)

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Editors of this issue are Fei Carnes and Jeff Blossom.

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