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A Monthly Publication of the CGA at Harvard University

MAY 2016

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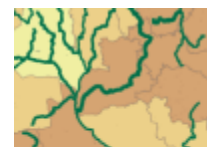
## CGA NEWS

### 2016 Fisher Prize Winners

The 2016 Fisher Prize for excellence in GIS was co-awarded to Yunhan Xu for "Visualizing Urban Hospitality" and Heidi Hurst for "Allocating Disaster Recovery Centers" in the undergraduate student category. For the graduate student category, Alex Mercuri's "Runnin' to Dunkin': Business Location and Patronage Analysis" and Omar De La Riva's "Mexico's Violent and Contested Territories" were the winners. Congratulations to the winners! Click [here](#) to view the awarding posters and judges' comments.

**CGA's Monthly GIS Presentations**-come join the discussion

- [GIS Colloquium](#)  
*"An Empire of Tsars and Rivers: What Historical GIS Tells Us About the Economic Space of a Continental Empire"*, presented by Kelly O'Neill, Associate Professor of History at Harvard University. **May 12<sup>th</sup>, 2016, 12:00-1:30pm**. Room S050, CGIS South Building, 1730 Cambridge St, Cambridge, MA.
- [ABCD-GIS Presentation Series](#)  
*"Spatial in Apache Lucene & Solr"*, presented by David Smiley, a freelance consultant and software developer specializing on search



technologies with Apache Lucene/Solr. **May 19<sup>th</sup>, 2016, 12:00-1:00pm.**  
Room S050, CGIS South Building, 1730 Cambridge St, Cambridge, MA.

### **Global Spatio-Temporal Search: NEH Funded Enhancements to WorldMap**

With a recent grant from the National Endowment for the Humanities, the CGA is building a platform to create, maintain, and deploy a global public registry of web map services, and has developed a new visual interface to support searches by time and space. The technology can scale to millions, even billions of objects. [Read more](#)

### **Dynamic Mapping of Secondary Cities Workshop**

A 1.5-day workshop is scheduled for the Mapping Secondary Cities for Resiliency, Human Security, and Emergency Preparedness project sponsored by the NGA and State Department. The project is managed by CGA visiting scholar Dr. Melinda Laituri, who is working with the team to plan an international workshop at Harvard on June 14-15 this year. This day and half workshop will focus on open source geospatial tools and technologies for mapping Secondary Cities. The aim of the workshop is to bring together organizations and individuals involved in innovative mapping activities and solutions for emergency preparedness, resiliency planning, and urban sustainability. Secondary Cities are rapidly growing urban areas that are regional hubs for commerce, services, and governance in developing countries that are often inadequately planned for future development and growth. The workshop will open with a half-day session to provide a hands-on venue to explore and assess online, open sources tools for mapping and creating geospatial data for cities. The full day sessions will include: 1) Secondary Cities overview; 2) Case studies of dynamic city data collection; 3) Interactive assessment session of tools as linked to emergency preparedness, resiliency planning, and urban sustainability; 4) Solutions/Lessons learned. See more information and register (for free) [here](#).

## **HARVARD GIS COMMUNITY NEWS**

### **Harvard Map Collection Update**

The Map Collection has recently licensed the [Mobil Coverage Explorer](#) dataset from Collins Bartholomew. This product shows aggregated 2G (GSM), 3G and 4G (LTE) mobile coverage on a global basis. The polygon data is in ESRI shapefile format. The Map Collection has also licensed postcode point data for Greece, Slovenia, Croatia and Albania. The datasets will be made available through the Harvard Geospatial Library soon, but are currently available to Harvard Affiliates in the Map Collection reading room in Pusey Library.

A recent paper map purchase includes part of a series of maps of the "Greater East Asia Co-Prosperity Sphere", a propaganda concept created by Imperial Japan in 1940. The maps are in Japanese at various scales, and cover parts of China, India, Myanmar (then Burma), New Zealand and other countries. The maps will be cataloged and listed in HOLLIS.

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

## 2016 GIS Poster Expo at Tufts University

The 10th [annual Tufts GIS Poster Expo](#) is a campus wide exposition of the GIS work being done at Tufts. There will be over 170 posters submitted by students, faculty and staff. This is an excellent opportunity for students to showcase their work, see what classmates in various disciplines have completed with GIS. 3:30-5:00pm, Wednesday, May 11<sup>th</sup>, 2016. Alumnae Lounge, Aidekman Arts Center 40 Talbot Ave, Medford Campus.



## NEWS ON GIS RESEARCH AND SERVICES



[Mapping Wildfires in Fort McMurray, Canada](#)

[The Forced Migration Enslaved People in United States](#)

[Beyond the Sea](#)

[A New Map for America](#)

[Myriad Marathons](#)

[A Stanford Study Shows People in San Francisco and San Jose Live Longer](#)

[America's Schools Have a Money Problem](#)

[Creating a Map to Navigate the Post-Earthquake Landscape in Ecuador](#)

[Interactive Murder Map in London](#)

[15 maps that will change the way you see the world](#)

[Rethinking Detroit](#)

The CGA Newsletter is published monthly. Editors of this issue are Fei Carnes and Jeff Blossom.

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