CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER

A Monthly Publication of the CGA at Harvard University   **FEBRUARY 2017**

HIGHLIGHTS

- Call for Registration - 2017 CGA Conference: The Drone Revolution in Spatial Analysis
- BCN Drone Center Workshops and Training Discount
- Upcoming GIS Technical Training Workshops
- CGA's Monthly GIS Presentations
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- CGA Service Charge Rate Increase
- Fisher Prize and EDC Award
- Tabular Mapping
- Lunch Seminar: Connectography: Mapping the Future of Global Civilization
- Political Analytics Hackathon
- China AQI Air Pollution Datasets on Dataverse
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- Call for Workshop - FOSS4G 2017 Conference
- Tufts OGP Data Rescue
- London Air Pollution 3D Mapping
- Ecological Value of Roadless Areas
- More ...

CGA NEWS

Call for Registration - 2017 CGA Conference: The Drone Revolution in Spatial Analysis
This year's CGA conference aims at illuminating the profound changes drones have brought to mapping practice, from platform and sensor selection, flight path planning, field operations, data processing, image analysis, feature extraction, 3-D model construction, and visualization. Experts will share their experiences with application cases and first-hand operational logistics. The conference preliminary program is available online. To register, please click here.

BCN Drone Center Workshops and Training Discount
The BCN Drone Center is one of the only ten drone Test Sites in the world. Professionals from 60+ nationalities already used the facilities and participated in the formation

programs. Marc Beltran (COO) and Jordi Salvador (CTO) of the BCN Drone Center will be offering a workshop on 'Drones for Demining' and 'Computer Vision & Drones' at the CGA 2017 conference on the Drone Revolution in Spatial Analysis. The conference and its workshops are free and open to the public, but seating is limited. Click here to register. The BCN Drone Center has also granted all Harvard students, faculty and staff a 20% discount to all the training programs based in Barcelona, Spain. To qualify for the discount, please fill out this form (HarvardKey login required) and pick "BCN Drone Center promo code" in the "Request Access To" field.

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:
- **Making Sense out of Spatial Data - Cambridge**, by Wendy Guan, 1:30-3:30pm, February 17th, 2017
- **Open Source QGIS**, by Merrick Lex Berman, 1:30-3:30pm, February 24th,2017
- **Worldmap Introduction**, by Ben Lewis, 1:30-3:30pm, March 3rd,2017
- **Remote Sensing for Land Use Change Analysis**, by Stacy Bogan, March 10th,2017

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

CGA's Monthly GIS Presentations - come join the discussion
"A Framework of Social Media Analytics for Wildfire Hazards", presented by Dr. Xinyue Ye, Founding Director of Computational Social Science Lab at Kent State University. **Thursday, February 16th, 2017, 12:00-1:30pm**. Room S354, CGIS South building, 1730 Cambridge St., Cambridge, MA. Read more

Preceptor in Geospatial Analysis
Harvard University seeks applications for a preceptor in geospatial analysis. The appointment is expected to begin on July 1, 2017. The preceptor will be responsible for designing and teaching introductory undergraduate and graduate courses in geospatial analysis. Read more

CGA Service Charge Rate Increase
Starting on January 1st, 2017, the CGA standard service charge rate has been changed to $85/hr. We will remain flexible on offering discounts to the first time users. Read more

Fisher Prize and EDC Award
Submissions are now being accepted for two Harvard student awards for GIS excellence. Click the links below for more information and to apply: Fisher Prize| ESRI Development Center Student of the Year

Tabular Mapping
Harvard's WorldMap and Dataverse teams have been working together on a new capability called "Tabular Mapping", which lets researchers turn spreadsheets into maps. The Dataverse team is now scheduling usability testing for this and other new Dataverse

features. Please sign up here if you are interested, and help shape the future of these systems. The project is funded by the Boston Area Research Initiative.

HARVARD GIS COMMUNITY NEWS

Lunch Seminar: Connectography: Mapping the Future of Global Civilization
Parag Khanna will present his book, "Connectography: Mapping the Future of Global Civilization". In this book Khanna guides us through the emerging global network civilization in which mega-cities compete over connectivity more than borders. His journeys take us from Ukraine to Iran, Mongolia to North Korea, Panama City to Dubai, and the Arctic Circle to the South China Sea-all to show how 21st century conflict is a tug-of-war over pipelines and Internet cables, advanced technologies and market access. Friday, March 31, 2017, 12:00pm to 1:15pm. Allison Dining Room. Read more

Political Analytics Hackathon
The 2017 Harvard Political Analytics Hackathon is an opportunity for people with an interest in data and politics to help tell the story of the 2016 election. The event will take place on the afternoon and evening of Thursday, March 30, and select teams will present their results in a panel session at the conference on March 31. Read more

China AQI Air Pollution Datasets on Dataverse
The CGA has been collecting datasets from various sources containing cumulative AQI Air Pollution monitoring observations. These datasets are now accessible from here.

CONFERENCES, CALLS & EVENTS

Call for Participation: UCGIS Summer School 2017
In May 2017, UCGIS will launch its first Summer School for graduate students and early-career scholars who are affiliated with UCGIS member institutions. This year the theme will be Collaborative Problem Solving with CyberGIS and Geospatial Data Science. Applications are due by February 20, 2017. Read more

Call for Workshop - FOSS4G 2017 Conference
The FOSS4G 2017 call for workshop is open. The workshops will be held at Harvard University's Center for Geographic Analysis (CGA). Submissions will be accepted until Monday, March 13, 2017. Read more and submit

NEWS ON GIS RESEARCH AND SERVICES

Tufts OGP Data Rescue

[London Air Pollution 3D Mapping](#)

[Ecological Value of Roadless Areas](#)

[Top 20 Most Inspiring TED Videos about Maps and Geography](#)

[Mapping Segregation in Washington DC](#)

[Visualization of Topics being Reported in Each Country Over Time](#)

[10 Simple Steps to Build a Great Crowdsourced Story Map](#)

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

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