CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER
February 2014

With this issue, the CGA commemorates the life of Dr. Roger Tomlinson, the "Father of GIS".
His contribution to the GIS field, and _support to the CGA_ *will always be remembered.*

HIGHLIGHTS
- CGA Designated as an Esri Development Center
- Call for Registration: June GIS Institute
- CGA's Monthly GIS Presentations, and Technical Blog
- Upcoming GIS Technical Training Workshops
- Harvard GSD Team Wins Tohoku Recovery Competition
- "Place Matters" Workshop
- Harvard Papers in Theoretical Geography Discussed in ArcNews
- Call for Esri International User Conference Student Assistants
- NASA World Wind Europa Challenge
- MOOCs, Maps, and the Geospatial Revolution
- Call for Papers: Workshop on Big Data and Urban Informatics
- United States Congressional District Shapefiles From 1791
- Esri Story Maps Gallery
- More …

CGA NEWS

CGA Designated as an Esri Development Center
The Esri Development Center (EDC) is a program for higher education, which confers special status and benefits upon a select few leading university departments that challenge their students to develop innovative applications based upon the ArcGIS platform. The Center for Geographic Analysis has been designated as an EDC as of February 2014 to promote GIS applications and education throughout the campus. Read more…

Call for Registration: June GIS Institute
The CGA offers a two-week program of intensive training in GIS. Here are several important dates regarding the GIS Institute to be held in June, 2014:
- Application Deadline: Friday, March 21, 2014 @ 11:59 pm (Late applications can join the waitlist)
- Notification of acceptance: Friday, April 4, 2014
- $100 Registration fee due: Friday, April 18, 2014
- Deadline for meeting with instructors to finalize project/data: Friday, May 9, 2014
- Institute begins: Tuesday, June 3, 2014
- Final project presentation: Friday, June 13, 2014

Read more details and apply to the Institute online.

CGA's Monthly GIS Presentations – come join the discussion

- **Geography Colloquia @CGA**
  "Climate Leviathan" presented by Joel Wainwright, Associate Professor of Geography at The Ohio State University, **March 7th, 12:30 – 2:00pm**, in Room S050 of CGIS South, 1730 Cambridge St, Cambridge, MA.
  "After the Smart City, What?: Ubiquitous Computing Technologies and the Networked Urban Condition" presented by Alan Wiig, PhD Candidate in Geography at Temple University, **March 14th, 3:00pm – 4:30pm**, in Room K345 of CGIS Knafel, 1737 Cambridge St, Cambridge, MA.

- **ABCD-GIS Presentation Series**
  "Annotating Maps -- Geospatial Semantics, the Cartographic Object Ontology, and the W3C Open Annotation Model"* presented by George Planansky, CGA Affiliate, **March 19th, 12:00 – 1:30pm**, in Room S050 of CGIS South, 1730 Cambridge St, Cambridge, MA.

CGA's Technical Blog
Check out recent posts such as "Geocoding and producing Census FIPS codes for 53 million addresses: A combination approach using ArcGIS and PostgreSQL" and "How to run GIS software from outside of Harvard network" on CGA's technical blog: http://gis.harvard.edu/services/blog

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:

- **Open Source QGIS 2.0**, by Merrick Lex Berman, 1:00 – 3:00pm, March 7st, 2014
- **Exploring Google's Mapping Products,** by Jeff Blossom, 1:00 – 3:00pm, March 14th, 2014
- **Introduction to Remote Sensing,** by Sumeeta Srinivasan, 1:00 – 3:00pm, March 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

GIS Site License Software Upgrade/Renewal: For Harvard Affiliates only

- 60-day Free Trail for ENVI Feature Extraction Software:
  http://gis.harvard.edu/announcements/60-day-free-trial-envi-feature-extraction-software
- ENVI 5.1+IDL8.3: http://gis.harvard.edu/tools/software/envi-51-idl-83

HARVARD GIS COMMUNITY NEWS

Harvard GSD Team Wins Tohoku Recovery Competition
The Toyo University Tohoku Recovery competition has awarded first prize to a team at the Harvard Graduate School of Design.   Working with a variety of information and datasets -- including a large archive of GIS data available on CGA's JapanMap - the Harvard team put together the winning proposal for strategic intervention and revitalization of the regions hardest hit by the Tohoku Tsunami of 2011.

Place Matters Workshop:
Incorporating Measures of the Built and Social Environment into Disparities Research
This workshop to be scheduled in April 2014 is sponsored by the Harvard Catalyst Health Disparities Research Program, and is designed to support and encourage disparities-focused gene-environment

research. Topics will include an introduction to the concept of place and how to measure the built and social environment, linking individual location data to area-based measures, analysis, and causal inference. The session will be tailored to individuals who would like to incorporate a novel aim or method into a grant they are currently developing, with a particular interest in supporting faculty writing K-awards, R23s, or R01s. Applicants are sought (1) whose projects under development are already disparities-focused, but where the addition of cutting edge methods could strengthen the grant proposal, OR (2) who are developing a proposal that would be strengthened by the addition of a disparities-focused Aim. Please contact Anna Schachter, MPH (abschachter@partners.org) with any questions. For a full course description, please visit: http://tinyurl.com/GISworkshop2014.

Harvard Papers in Theoretical Geography Discussed in ArcNews
http://www.esri.com/esri-news/arcnews/winter1314articles/history-of-gis-and-early-computer-cartography-project

CONFERENCES, CALLS, EVENTS & EMPLOYMENT

Call for Esri International User Conference Student Assistants
The application deadline is April 14. Students must be available to work Saturday, July 12, through Friday, July 18 in San Diego, CA, and receive conference registration, hotel accommodations, and meal allowance. For more information, please click here.

NASA World Wind Europa Challenge
The Europa Challenge provides the opportunity for Europe's *best and brightest* to deliver sustainable solutions to the European community. This is an international challenge open to all on our home planet. For more information, please click here.

MOOCs, Maps, and the Geospatial Revolution – Sharing the digital classroom with 48,000 students
A free webinar that focuses on an online geospatial course developed at Penn State last year. March 18th, 2014, 2:00pm – 3:00pm. More information and registration can be found here.

Call for Papers: Workshop on Big Data and Urban Informatics
This event invites papers at the intersection of the urban social sciences and the data sciences to be presented in an NSF-sponsored workshop to be held on August 11-12, 2014, at the University of Illinois at Chicago, Chicago, Illinois. The application deadline is April 1st, 2014. For more information, please click here.

NEWS ON GIS RESEARCH AND SERVICES

United States Congressional District Shapefiles From 1791

Free Urban Morphology GIS data for 120 Global Cities from Lincoln Institute

Map of Water Usage in California

Two Improvements to Mapping on GitHub

[Where People Run](#)

[National Pizza Place Mapping](#)

[Flights Interactive](#)

[Flight Radar 24](#)

[China's Migration Patterns during Chinese New Year](#)
Read related CNBC News article: http://t.co/EkUugVMEbV

[Clark Labs Receives Grant from Esri to Implement its Land Change Modeler Extension to the Esri Cloud Platform](#)

[Esri Story Maps Gallery](#)

[Geodesigning Our World with Nature and Technology](#)

[The Geographically Uneven Coverage of Wikipedia](#)

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