

CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER
July 2014

HIGHLIGHTS

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CGA NEWS

New Map for Out of Eden Walk Project – “Turbulent Origins”

Jeff Blossom of the CGA continues to work with the Out of Eden Walk team on a variety of cartographic products, here is the latest: <http://www.outofedenwalk.com/gallery/2014/07/turbulent-origins/>

GIS Fellow Position

The Center for Geographic Analysis seeks a candidate who will be responsible for monitoring, investigating, testing, evaluating, and implementing GIS application development technologies for Harvard GIS user community. More information can be found [here](#).

Seamless Colloquium: Our perceptual limits in reading and interpreting visualizations

Visualizations help us in interpreting and communicating complex concepts and rich data. However, we have a number of perceptual and cognitive limitations that counter-intuitively work against us when we work with visualizations. These limitations lead to critical mistakes, e.g., in interpreting patterns or simply reading information from a graphic. What are these culprits and how can we avoid them? This talk by [Arzu Coltekin](#) (Zurich) offers an overview of the state of the art knowledge about scientific visualizations from a design perspective to help avoid some of the well-documented mistakes when creating a visual product. **August 15th, 2014, 12:30pm**. Phillips Auditorium, 60 Garden St, Cambridge, MA 02138. <http://projects.iq.harvard.edu/seamlessastronomy/event/seamless-colloquium-our-perceptual-limits-reading-and-interpreting>

Autodesk Software Licensing Changes

Autodesk has recently announced some important changes to licensing of their products for educational institutions. Licenses for educational/academic purposes will be FREE, but non-academic uses such as facilities maintenance, operations, utilities, etc. will no longer be allowed under the academic license.

Instead, licenses for non-academic/facility purposes must be purchased at the commercial rate. More detailed information can be found [here](#).

Google Orthoimagery Program

Google has recently announced their Orthoimagery program. For a fee of \$8 per sq/km you can have access to Google's high-quality imagery, which is 6-inch ortho with 15cm resolution and ~1 meter accuracy. The imagery is offered in three spectral bands (red, green, blue–RGB) along with near infrared (NRG) for an additional fee. [Program Overview](#).

- Only U.S. imagery is available at this time
- \$8 per square kilometer is the academic price
- Minimum \$20,000 per order
- Images are timestamped, georeferenced, and delivered in geoTiff (or several other) formats, accessible through the purchaser's Google Maps Engine account

CONFERENCES, CALLS, EVENTS & EMPLOYMENT

Call for Papers: the 2015 US National Report to the International Cartographic Conference

The upcoming 2015 report will summarize recent scholarly research, industry perspectives, and future predictions about what American cartography can achieve on the map, and will be published in a special issue of Cartography and Geographic Information Science. The e-mail of intend is due on September 8th, 2014. All final submissions are due on December 14th, 2014. For more information, please click [here](#).

NEWS ON GIS RESEARCH AND SERVICES

[Strava Running and Biking Heat Map](#)

[NYC Taxis: A Day in the Life](#)

[We Are Data](#)

[Geologic Map of Mars](#)

[Real-Time World Births and Deaths](#)

[OSM for Fast Growing Cities Examined](#)

[NOAA Historical Hurricane Tracks Interactive Map](#)

[How Powerful Is Your Passport](#)

[The Shortest Path to Happiness](#)

[How the North Ended Up On the Top of the Map](#)

[Why China Will Reclaim Siberia](#)

Editors of this issue are Fei Carnes and Jeff Blossom.

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