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A Monthly Publication of the CGA at Harvard University

JUNE 2015

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CGA NEWS

CGA's Monthly GIS Presentations-come join the discussion

- [ABCD-GIS Presentation Series](#)
*"The Recovering of Netherlands Geographic Information System (NLGIS-2)", presented by Vyacheslav Tykhonov, Software Developer and Architect, International Institute of Social History, Amsterdam, Netherlands. **June 11st, 2015, 12:30pm-1:30pm.** Room S050, CGIS South Building, 1730 Cambridge St, Cambridge, MA.*
- [GIS Colloquium](#)
Next presentation coming Fall of 2015



A Temporal Gazetteer for Historical Placenames

The TGAZ project is developing an open API for indexing historical placename records. Based on the earlier China Historical GIS XML Webservice the TGAZ API is a new, multilingual gazetteer that allows for faceted queries. The query facets include: placenames, feature types, years of existence, parent jurisdiction names, and source

collections. [read more](#)

I/UCRC for Spatiotemporal Thinking, Computing, and Applications (STC) Updates

STC received a donation of 500-node HPC equipment, which was purchased at the price of approximately \$4M, to establish the center's computing infrastructure. The infrastructure will be hosted at George Mason and provide shared access by the three sites of STC, GMU, Harvard, and UC-Santa Barbara.

STC hosted its semi-annual IAB meeting on May 18-20, 2015 at George Mason University. Close to 50 center members attended to review the center's innovative research and identify new projects to be supported through collaborations among academia, industry, and agencies in the area of spatiotemporal thinking, computing and applications. [read more](#)

HARVARD GIS COMMUNITY NEWS

Esri Facility Workshop

Esri has offered to conduct a 1.5-2 day Campus Facilities-focused requirements and brainstorming session on how universities could benefit from more directly tailored GIS solutions in the future. Esri is planning to review their existing plans and capabilities, but the broader discussion will focus on our needs, capabilities, and they would also like to hear more about existing workflows and processes that take advantage of GIS data. Chris Andrews and Eric Wittner from the Product Management team will be attending. **July 7-8, 2015.**

CONFERENCES, CALLS, EVENTS & EMPLOYMENT

Open Senior Geospatial Developer Position

The Center for Geographic Analysis (CGA) seeks applications for a Senior Geospatial Developer. This position is primarily responsible for the design, development, implementation and maintenance of GIS software platforms at CGA. Other duties include providing technical consultation and support to faculty and staff across the university on GIS software development; guiding researchers in the correct way to select and use appropriate GIS software platforms and technologies; exploring new technologies and introducing them to the Harvard GIS community; maintaining local and cloud-based infrastructure (apply updates, troubleshoot performance issues, improve backup procedures, examine various alternatives to current virtual server setup); establishing and implementing software development standards and best practice protocols for CGA, developing code documentation and testing templates. [read more](#)



Short-term GIS&RS Analyst Position - Harvard School of Public Health

HSPH is looking to hire a student with expertise in spatial data acquisition, processing, and analysis to help with the research that studies health benefits of exposure and greenspace. The student will be compiling longitudinal datasets of various metrics of greenspace and linking them to health data for analyses to answer important questions about the potential

benefits of increasing exposure to vegetation on health. [read more](#)

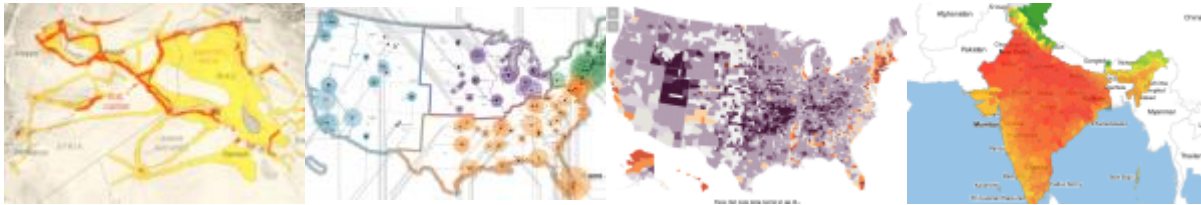
International Symposium on Spatiotemporal Computing

The 1st International Symposiums on Spatiotemporal Computing organized by STC will be held at George Mason University on July 13 to 15, 2015. This symposium is wide open with an objective to setup the foundation of research in spatiotemporal computing and establish the international community. [read more](#)

International Workshop on the Role of Land Professionals and SDI in Disaster Risk Reduction: in the Context of 'Post 2015 Nepal Earthquake'

This workshop will be held in Kathmandu, Nepal. November 25-27, 2015. It will also have special sessions on roles of Land/Spatial Professionals and spatial data infrastructure (SDI) in Disaster Risk Reduction/ Nepal Earthquake. The abstract submission deadline is July 15, 2015. [read more](#)

NEWS ON GIS RESEARCH AND SERVICES



[How ISIS Expands](#)

[Mapping the Wealthiest ZIP Codes in America](#)

[Mapping Marriage Patterns in the US](#)

[Mapping the Heat Wave in India](#)

[Mapping India's Air Pollution](#)

[Six Maps Show How America is Changing](#)

[Seven maps that will change the way you look at history](#)

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

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