Summer Help

Summer is a great time to get assistance with the spatial components of your research! The Geospatial Analysis Center staff are here all summer. Contact us for assistance with:

- Figures or maps for reports, manuscripts & proposals
- Interactive maps for site selection or exploratory analysis
- Getting started with ArcGIS Desktop, ArcGIS Pro, and ArcGIS Online software
- Finding & formatting spatial data
- Calculating an estimate for a GIS component of research in a proposal

Grant opportunities are available to cover the costs of GAC’s services - no project is too small!

- CLA faculty assistance may be covered by a CLA GIS faculty grant.
- Faculty who are working on MnDRIVE-related research may also have their costs covered by GAC. For more information, please contact Stacey Stark (s lstark@d.umn.edu).

GAC in the Classroom

This semester GAC worked with several classes across campus, including Europe in the Modern Age, Russia in the 20th Century, and Culture Industry & Creative Economy.

Natalie Belsky’s history students developed geospatial technology skills and created their final presentations using web-based story maps, on topics ranging from Sputnik to Bauhaus architecture.

Students in Aparna Katre’s cultural entrepreneurship class collectively developed a story map of creative industries in the Twin Ports region, using United Nations ontology to classify each creative enterprise. The project is also in collaboration with the City of Duluth’s Mayor’s Office and Arts Advisory Council. Check out their map at http://arcg.is/2przKDi.
GAC GIS Specialist Micaella Penning will be co-leading a short-term study abroad program to Ecuador this summer. She is collaborating with David Syring, UMD Professor of Anthropology, to take a group of students to study culture and sustainability in the UNESCO World Heritage city of Cuenca and the indigenous community of Saraguro in the Andean highlands. Students will spend six weeks studying Spanish, living with local families, conducting ethnographic fieldwork, creating multimedia stories, and visiting national parks, artisan communities, Incan ruins and even a Panama hat factory. To learn more, visit http://arcg.is/29uhtvZ.

Mapping the Toledo District

This semester GAC worked with Jennifer Gomez Menjivar, Associate Professor in the Department of Foreign Languages and Literatures, to create maps of Belize and the Toledo District in particular. These will accompany her article Mopan in Context: Mayan Identity, Belizean Citizenship and the Future of a Language which will be published in an upcoming issue of the research journal Native American and Indigenous Studies.

Congratulations to GAC Student Staff Graduates!

- Amanda Huber (Geology)
- Gerrit VanderWaal (Geology)
- Keegan Rabelhofer (GIS)

We wish you the best in your future endeavors!

Antarctica Web Viewer

This web-based data viewer and tool incorporates a large number of datasets for Antarctica that will be useful for the Rapid Antarctica Ice Drilling (RAID) project (Dr. John Goodge, Earth and Environmental Sciences Department).

The tool was shared and released at a recent science planning meeting in support of the RAID project and it is being used by the US research community involved with RAID site selection in Antarctica. This tool will be accessed through the RAID project website and is an important part of the website development and enhancement. Check out the map at: z.umn.edu/raidplanningtool

Maps for Publication

Are you submitting an article for publication? Consider including a map to illustrate a spatial component of your research! Whether you are submitting a paper to a journal, or a full-length book to a publisher, let us help you illustrate the spatial nature of your work. Contact us at umdgis@umn.edu.
Recent Activities

- **Esri Education Conference**, San Diego CA, June 2016, Gave multiple presentations
- **North American Cartographic Information Society Annual Conference**, Colorado Springs CO, October 2016, Presented 'Implementing Clean, Consistent Cartography at a University-wide Scale'
- **MN GIS LIS Consortium Annual Conference**, Duluth MN, October 2016, Taught various workshops and gave multiple presentations
- **FEMA Hazus Conference**, Charleston SC, November 2016, Presented 'Visualizing Hazus Flood Analysis Results with Interactive Maps'
- **GIS Day**, UMD, November 2016, Hosted GIS Day on the UMD Campus
- **ArcGIS Online and Web Mapping Workshop**, Duluth MN, 2016-2017, Taught multiple times for UMD Faculty and Staff

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GAC on Instagram

The Geospatial Analysis Center is now on Instagram! Check out our latest maps and projects by following our feed at www.instagram.com/umdgis/.