# **ITS Resource Center Home**

# Map Site of the Month

#### **Contact Information**

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## **August 2014 Site of the Month**

<u>ArcGISOnline</u> is a web-based GIS that is easy to use and includes a huge amount of <u>data</u>. ESRI also provides <u>Story Maps</u> which are templates and apps for popular map styles. These are great applications for map-related student projects!

## **July 2014 Site of the Month**

Your summer reading list on the history of GIS: <u>History of GIS</u> (with several nice map links); <u>50th Anniversary of GIS</u> (with short bibliography); <u>The Power of Mapping</u> (with related posts); and <u>Charting the Unknown</u> (book review on GIS at Harvard).

#### **June 2014 Site of the Month**

This month we feature the <u>American Museum of Natural History Digital Special Collections</u> -- an amazing web resource even if it isn't focused on maps. Check out the archival photographs and Rare Book illustrations!

## May 2014 Site of the Month

In conjunction with an update of <u>Google Maps</u>, Google is launching the <u>Map Gallery</u> which includes over 500 maps from <u>National Geographic</u>, in addition to many crowd-sourced samples.

## **April 2014 Site of the Month**

The <u>Maps in Time</u> application is a software tool which allows you to track geopolitical changes throughout the 20th Century. This helps visualize changes in empires, states and territories.

#### March 2014 Site of the Month

<u>Data-Driven Detroit</u> is an example of the many <u>web services</u> provided by state and local governments, NGOs and other organizations, to make maps and data easily available to the public for informed discussions of public policy and planning.

## February 2014 Site of the Month

The <u>Digital Scholarship Lab</u> of the University of Richmond has just released the <u>Atlas of the</u>

<u>Historical Geography of the United States</u>. This project is a digitally-enabled version of the original atlas released in 1932 by Charles O. Paullin, deepened by time-enabled layers and connected to databases of demographic information.

### **January 2014 Site of the Month**

Happy New Year from the good folks at the <u>Census Bureau</u>, who have just released <u>TIGERWeb</u> (visualize TIGER data without having to download it) and a joint project with <u>Social Explorer</u>, the <u>Census Explorer</u> (explore American Community Survey statistics). Awesome!

#### **December 2013 Site of the Month**

National Geographic's <u>Maps</u> page contains many wonderful interactive resources, in addition to those beautiful wall maps (and base maps for your <u>ArcGIS applications</u>). You will need to create a free account, but what a wonderful resource!

#### November 2013 Site of the Month

The Census Bureau has developed the <u>Data Visualization Gallery</u>, "a weekly exploration of Census data" in a more visual format (h/t to Dave T.). They also provide a page of <u>Interactive Internet Data Tools</u>.

#### October 2013 Site of the Month

The Washington Post collected <u>40 Maps That Explain the World</u> and also <u>40 More Maps That Explain the World</u>. Several of these maps feature in a high-speed celebration of off-beat maps called <u>42 Maps That Help Me Understand the World</u>.

## September 2013 Site of the Month

You might not be all that interested in the NYC mayoral election, but the <u>NYC Election Atlas</u> is an intriguing example of the power of visualizing demographic data via mapping.

## August 2013 Site of the Month

When you get tired of Google Maps, you can scoot over to Open Street Map, a crowd-sourced world map with beautiful cartographic detail. Includes cycle and transport layers and looks great on your phone, too!

## **July 2013 Site of the Month**

Well neat! We don't usually feature commercial sites, but where else can you buy <u>fishing maps</u>? or the now-famous <u>Atlas of True Names</u>? Just in time for vacation, get every map you'll ever need at <u>Omnimap.com</u>.

#### June 2013 Site of the Month

<u>ProPublica</u> produced an interactive update of <u>flood zones in NYC</u>, including 2007 flood zones, storm surge from Hurricane Sandy and the newly-published flood maps.

### May 2013 Site of the Month

The Smithsonian has used "story maps" from ESRI to produce a web site on <u>Endangered Languages</u>. You can use the templates available at ESRI's <u>Story Maps</u> to make your own map-based web site.

## **April 2013 Site of the Month**

<u>Jason Davies'</u> site features his work in freelance data visualization, including a slew of incredibly innovative <u>maps</u>, especially this rockin' <u>animated map projection tool</u>. This is truly amazing!

#### March 2013 Site of the Month

The <u>Atlas of Urban Expansion</u> provides the geographic and quantitative dimensions of urban expansion and its key attributes in cities the world over. Map sections include urban land cover and historical samples, plus data for downloading.

### February 2013 Site of the Month

Some tools get better all the time, such as the recently-updated <u>Census Bureau</u> website, which includes quick facts, American Fact Finder, interactive map viewers, and extensive searching of data for downloading. Even easier to find your answers!

### **January 2013 Site of the Month**

Along with other map-related multimedia, have fun exploring the <u>Mapping America: Every City</u>, <u>Every Block</u> tool hosted by the New York Times. This maps local data from the Census Bureau's American Community Survey for the entire country in several categories.

#### **December 2012 Site of the Month**

GIS professionals and amateurs assist with <u>disaster response and recovery efforts</u>, as seen in the wake of Hurricane Sandy at <u>ESRI</u>, <u>Google</u>, <u>Crisis Commons</u>, and <u>other NYC resources</u>. The New York Times' coverage included <u>Hurricane Sandy</u> and <u>Coastal Flooding</u> maps.

#### **November 2012 Site of the Month**

To demonstrate how maps can inform, educate and inspire, ESRI features samples of "story maps" at <u>Storytelling with Maps</u>. There is also a tutorial on using ArcGISOnline for creating story maps at the <u>ArcGIS Resources</u> communities page (which includes another gallery of maps).

#### October 2012 Site of the Month

NOAA has an entire web site devoted to <u>climate change</u>, including an interesting series of <u>images</u> and <u>videos</u> documenting changes over time, many of which feature mapped data. A nice example of the immediacy of the visual representation of data.

## **September 2012 Site of the Month**

The USGS is in the process of digitizing its entire collection of <u>historical topographic maps</u>. Wow! This is just one aspect of what's available at <u>The National Map</u>, which features professional-level tools at the <u>National Atlas</u> or with the <u>National Map Viewer</u>.

## **August 2012 Site of the Month**

Our "back to school" edition features our own pages of resources related to spatial thinking and mapping exercises. Newly-revamped pages include: <u>online map collections</u>; <u>map-related teaching resources</u>; <u>sample student mapping projects</u>; and <u>spatial thinking and analysis</u>.

## **July 2012 Site of the Month**

The hot summer brings <u>Climate Data Online</u>, a nifty interactive map tool from NOAA to help you understand the current drought and other climate issues. You can search by geographic regions, climate themes and various observational data.

#### **June 2012 Site of the Month**

An amazing collection of over 700 maps, the <u>Language and Location - Map Accessibility Project</u> "is a digital mapping project that integrates language data and information from the physical and social sciences." In addition, you can create maps from your own data.

## May 2012 Site of the Month

Just in time for the primaries, we have <u>Redistricting and You</u>, developed by the CUNY <u>Center for Urban Research</u> (the same outfit who brought you <u>OASIS</u>). These maps allow you to compare the major proposals with existing districts and with each other. Check out the slider bar for comparing current and proposed districts!

## **April 2012 Site of the Month**

For <u>Earth Day</u> you can examine the EPA's new <u>Greenhouse Gas Emissions</u> map, which can be searched by location or facility and filtered by gas or emission range. The <u>Earth Day 2012 Event Finder</u> will help you find something to do for Earth Day (or create your own event).

#### March 2012 Site of the Month

Just released by <u>JISC</u>, we have <u>Old Maps Online</u>, which will "act as a central repository to a vast collection of maps held by institutions across the globe." And when you access the site, it initializes to your location. Cool!

## February 2012 Site of the Month

Many institutions are producing web sites featuring a geo-referenced map serving as an interface through which one can explore a database of information. One fascinating example is the <u>Nolli Map Engine</u> from the University of Oregon, featuring a 1748 map of Rome.

### **January 2012 Site of the Month**

Do you like "going up north"? The Adirondack Park Agency is one of many New York State agencies that produce <u>maps and data layers</u> free to the public. Don't forget to look for "maps," "GIS" or "data layers" whenever you browse a state agency website.

#### **December 2011 Site of the Month**

The CUNY Center for Urban Research recently released <u>Demographic Change in Metropolitan America</u>, which uses census data to map neighborhood changes between 2000 and 2010 for Manhattan and 15 other metropolitan areas. These maps feature slider bars to help visualize change between one time period and the next. Beautiful work!

#### **November 2011 Site of the Month**

If it's November, it must be <u>GIS Day</u>! Sponsored by the National Geographic Society and many other organizations, <u>GIS Day</u> provides an international forum for users of geographic information systems (<u>GIS</u>) technology to demonstrate real-world applications that are making a difference in our society.

#### October 2011 Site of the Month

The blog <u>Strange Maps</u> might appear to be just an amusing demonstration of how to represent different themes on a map; but the examples will get you thinking about how information can be displayed spatially. For a similar mental exercise, check out the visual information sites at the bottom of our <u>Spatial Thinking</u> page.

## **September 2011 Site of the Month**

OASISNYC is a wonderful example of community mapping -- in this case, for New York City. OASIS strives to help the public develop a better understanding of their environment with interactive maps of open spaces, property information, transportation networks, and more (check out the timeline series of lower Manhattan development).

## **August 2011 Site of the Month**

Time to start thinking about how to incorporate spatial thinking and mapping exercises into your fall courses! Get those innovative juices flowing at our <u>GIS in the Liberal Arts</u> page, a widely-varied collection of classroom examples put together by Sean Connin (formerly of NITLE).

## **July 2011 Site of the Month**

Penn State has produced the <u>Geospatial Revolution Project</u>, which is an integrated public service media and outreach initiative about the world of digital mapping and how it is changing the way we think, behave, and interact.

#### **June 2011 Site of the Month**

The NYS DEC Mapping Gateway is a nice example of state government online mapping resources.

Take a look at the page of interactive mapping tools -- neat!

### May 2011 Site of the Month

<u>Google Earth</u> -- not because you can zoom to your house, but for everything else: the <u>Showcase</u>; the <u>Gallery</u>; the <u>Community</u>; the <u>Tutorials</u>; the extensive <u>Help</u>; the <u>blogs</u> (and <u>more blogs</u>). And a special community just for <u>Educators</u>! And did I mention all the <u>layers</u> of data?

### **April 2011 Site of the Month**

ESRI's <u>ArcGIS Online</u> offers both the easy-to-use <u>My Map Viewer</u> and the more fully-featured <u>ArcExplorer Online</u>, both connected to ESRI's extensive resources of free map layers. ArcExplorer includes a wonderful gallery of maps made and shared by others, so get inspired!

#### March 2011 Site of the Month

The New York Public Library's Maps Division developed the <u>Map Warper</u>, an online tool that allows the easy alignment of historical (mostly fire insurance) and digital maps. Sign up and rectify a map yourself!

## February 2011 Site of the Month

Stanford University hosts a multi-faceted <u>Spatial History Project</u>, which is "a place for a collaborative community of scholars to engage in creative visual analysis to further research in the field of history."

## January 2011 Site of the Month

The new <u>American FactFinder</u>, hosted by the Census Bureau, is "your source for population, housing, economic, and geographic data." Beautifully redone and very easy to use!

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