ISSN 1943-6548

# base line

a newsletter of the Map and Geography Round Table

TABLE OF CONTENTS


4 From the Chair
4 From the Editor
5 On the Cataloging/Cataloguing Front
5 From the GeoTech Committee Chair
6 New Maps and Cartographic Materials
23 Scenes from the Annual Conference in Chicago
25 Great (Color) Moments in Map Librarianship


http://www.ala.org/ala/mgrps/rts/magert/index.cfm

Volume 30, Number 4
August 2009

***base line*** is an official publication of the American Library Association's Map and Geography Round Table (MAGERT). The purpose of ***base line*** is to provide current information on cartographic materials, other publications of interest to map and geography librarians, meetings, related governmental activities, and map librarianship. It is a medium of communication for members of MAGERT and information of interest is welcome. The opinions expressed by contributors are their own and do not necessarily represent those of the American Library Association and MAGERT. Contributions should be sent to the appropriate editor listed below.

**Editor:** Steve Rogers, Map Librarian, Thompson Library, Ohio State University, 1858 Neil Avenue Mall, Columbus, OH 43210 Tel: 614/688-8774
FAX: 614-292-7859 E-mail: rogers.20@osu.edu

**Production Manager:** James A. Coombs, Maps Library, Missouri State University, 901 S. National, #175, Springfield, MO 65897
Tel.: 417/836-4534 E-mail: JimCoombs@MissouriState.edu

**Cataloging Editor:** Tammy T. Wong, Cartographic Materials Cataloger, Geography and Map Division, Library of Congress, 101 Independence Ave. SE, Washington, DC 20540-2232 Tel: 202/707-6735 E-mail: twon@loc.gov

**Electronic Mapping Editor:** C.C. Miller, Geographic Information Systems Specialist, Purdue University Libraries, 2215 Civil Engineering Bldg., West Lafayette, IN 47907 Tel: 765/496-9474 E-mail: ccmiller@purdue.edu

**New Maps and Books Editor:** David J. Bertuca, Map Librarian, Science & Engineering Library, 225 Capen Hall, University at Buffalo, Buffalo, NY 14260-1672 Tel: 716/645-2947 x229 Fax: 716/645-3710 E-mail: dbertuca@buffalo.edu

**Membership Committee Chairperson:** Roger Knouff, Map/GIS Librarian, Arizona State University, Noble Science & Engineering Library, P.O. Box 871006, Tempe, AZ 85287-1006 Tel: 480/965-5973
E-mail: roger.knouff@asu.edu

**Advertising Rates: For one issue: full page $100; half page $50; quarter page $25. Opposite "Great Moments in Map Librarianship": full page $150; half page $80; quarter Page $40.**
Send graphic or word processing file as an email attachment to the editor or mail hard copy to editor. Submissions will be re-formatted to the extent necessary to fit the size and proportion requested. Consider that the final size and proportion of a full page is 5.5 x 8.5 inches. Advertisers will be invoiced. Mail checks to the MAGERT Treasurer, payable in U.S. dollars to ALA-MAGERT.

© American Library Association 2009

312/944-6780
Published by the Map and Geography Round Table

***base line*** is published electronically six times a year: in February, April, June, August, October, and December. *Single printed pre-2008* issues of ***base line*** are available at a cost of $5.00 per issue, U.S. and Canadian orders; $7.00 per issue for all other foreign orders. Checks, payable to the American Library Association, should be mailed to Jim Coombs, ***base line*** Production Manager, Maps Library, Missouri State University, 901 S. National, #175, Springfield, MO 65804-0095.

Members of MAGERT can access ***base line*** as a benefit of their memberships. Non-member subscription rates are $25.00, U.S. and Canada; $30.00 for all other foreign subscriptions. Checks, payable to the American Library Association, should be mailed to Peter Linberger, Subscription Manager, ***base line***, Bierce Library, University of Akron, Akron, OH 44325-1709. Tel: 330/972-8230. Fax: 330/972-7225. E-mail: pl@uakron.edu

American Library Association personal and institutional members may choose MAGERT membership for $20.00 (personal) or $60.00 (institutional) by so advising the American Library Association, 50 W. Huron St., Chicago, IL 60611.

**MAGERT OFFICERS:**

**Chairperson:**
Kathy Weimer, Coordinator of Map and GIS Collections and Services, Texas A&M University Libraries, Evans Library, Rm. 1.202, College Station, TX 77843-5000 Tel: 979/845-6588 E-mail: k-weimer@tamu.edu

**Vice-Chairperson (Chair-Elect):**
Marcy Allen, Head, Maps Library, Pennsylvania State University Libraries, 1 Paterno Library, University Park, PA 16802-1807 Tel: 814/865-0139
E-mail: mma17@psulias.psu.edu

**Secretary:**
Jill Uhrovic, Maps & Imagery Librarian, Florida International University, 11200 SW 8th St., Miami, FL 33199 Tel: 305/348-0150
E-mail: juhrovic@fiu.edu

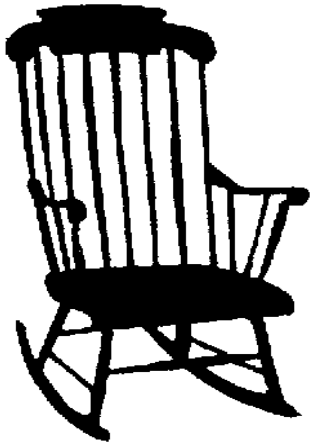
**Treasurer:**
Michael Smith, Map Librarian, University of California, San Diego, Geisel Library, 9500 Gilman Drive, #0175-R, La Jolla, CA 92093 Tel: 858/534-1248
FAX: 858/534-7548 E-mail: mls003@ucsd.edu

**Past Chairperson:**
Carolyn Kadri, Special Collections Cataloger, University of Texas at Arlington Library, Box 19497, 702 Planetarium Place, Arlington, TX 76019-0497
Tel: 817/272-7153 E-mail: kadri@uta.edu

**http://www.ala.org/ala/mgrps/rts/magert/index.cfm**

# FROM THE CHAIR

**Kathy Weimer, Texas A&M University**



I am now one month into my term as Chair. I want to thank Carolyn Kadri for her leadership over the past year and, for myself, for her mentoring and guidance to prepare me for this position. We can all look forward to Carolyn's continued contributions as she leads efforts to update our bylaws, constitution and organizational manual, as well as leading our Cataloging Interest Group.

It was great to see everyone recently in Chicago. We had two successful programs. First, David Rumsey wowed a packed room with stunning images of his historic map collection as well as his Second Life world. Later in the conference, our own Paige Andrew and Chris Kollen described their research projects, providing much needed motivation for each of us in our own research pursuits. Also, congratulations go out to our award winners Susan Moore and Jim Coombs for their numerous contributions over the years.

We look forward to a productive and engaging 30th Anniversary year, including an anniversary party during annual conference in Washington and an extensive marketing campaign. The goal for this year is to let folks across ALA know that we are a vibrant group, interested in collaborating and supporting libraries of any type on the subject of maps, GIS and geographic information. Everyone can be a part of that—whether you attend conferences or not—as requests for planning and logistical support go out on the list, do volunteer.

Kathy

# FROM THE EDITOR

**Steve Rogers, Ohio State University**

Readers of *base line* will notice a change in the formatting of this issue. At the suggestion of one of our members, we are experimenting with a new single-column text format, starting with the August issue. The reason for the change: now that *base line* is issued only online, the traditional two-column format required the reader to scroll up and down the computer screen in order to view each page. The one-column format should eliminate this annoyance. We should consider it just another adjustment to reading in the digital age.

## ON THE CATALOGING/CATALOGUING FRONT

**Tammy Wong, Library of Congress**

In February, 2009, the Policy and Standards Division (PSD) of the Library of Congress announced the beginning the genre/form project for cartographic materials. As with previous projects, PSD is reexamining current subject headings and subdivisions to determine whether any changes should be made to their structure and/or to the ways that they are assigned.

PSD is requesting input from the library community regarding a possible change to the structure of most of the form subdivisions in the area of cartography. A discussion paper that provides an analysis of the current subdivision structure, the impact that the genre/form project will have on cataloging and resource discovery, and a solution to ameliorate the negative impacts, has been posted on PSD's genre/form Web page: http://www.loc.gov/catdir/cpso/genreformgeneral.html.

Interested parties are invited to send their thoughts on the proposal to Janis L. Young, genre/form coordinator, at jayo@loc.gov, or to PSD's general e-mail account, policy@loc.gov.

Comments will be accepted through August 10, 2009.

Tammy T. Wong
Senior Cataloging Specialist
Geography and Map Division
Library of Congress
101 Independence Avenue, S.E.
Washington, D.C. 20540-2232
(202) 707-6735
twon@loc.gov
http://www.loc.gov/rr/geogmap/

## From the GeoTech Committee Chair

**Tracey Hughes, University of California San Diego**

"The draft minutes from Annual 2009 in their entirety have been sent to the GeoTech Committee members and to those in attendance at the meeting during Annual 09. Please review them at your earliest convenience and let Tracey Hughes know, via email at t2hughes@ucsd.edu, if there are errors to be corrected/changes to be made.

Documents for Program Planning for our 2010 program can be found on ALA Connect, under the community titled MAGERT Program Planning – Annual 2010.

This is a private community on ALA Connect and most everyone who should be part of that group was invited—be sure to let me know if you should be a member and are not.

A significant change that all should be aware of is the fact that from this point forward, the GeoTech Committee will actually be discussing GeoTech topics rather than program planning. The program planning duties will be discussed during the Program Planning meeting time slot. As of August 09, the potential topic is the spatial data catalog, and all are encouraged to provide examples for this and/or prepare questions. Also, certainly let Tracey know if there are other GeoTech-like topics you'd like to discuss in Boston at Midwinter.

Thank you all for joining us at Annual 2009 in Chicago!

Tracey Hughes
GIS Coordinator
Social Sciences & Humanities Library
University of California San Diego
http://libraries.ucsd.edu/gis

## New Maps and Cartographic Materials, Along with Other Items of Interest

David J. Bertuca, Map Librarian
University at Buffalo Libraries Map Collection

Summer is a blur and so much needs to get done that you often miss most of the months. Over the summer, I have been catching up on cleaning and re-organizing our Map Collection and trying to fill in the gaps to be ready for fall, despite the fact that summer is when our faculty and doctoral students come in with requests for more extensive map searches to use in their research. I can devote more time to helping during the summer, though it does keep me from the regular upkeep of our maps and atlases.

One positive side to summer searching is that I have more time to visit map Web sites and publishers, as well as to develop finding tools for our own materials, as well as for online resources. Some neat stuff always pops up and below are a few of the recent things I have seen.

### Articles

Several recent articles of note:

Cowen, David. "The Changing Geospatial Landscape: a Report of the National

base line 30(4): 6

Geospatial Advisory Committee" ***PE & RS (Photogrammetric Engineering & Remote Sensing)*** 75:7 (July 2009): 747-750.

***ArcNews*** (print and online)
http://www.esri.com/news/arcnews/arcnews.html

Below are recent articles in *ArcNews* (print format or online). I cite the print edition below, but have added URLs for the online versions (with better map resolution). Some articles have an ESRI promotional slant to them, but I selected the articles because they discuss important or interesting issues relevant to geography and mapping.

Edelson, Daniel C. "Geo Learning" *ArcNews* 31:2 (Summer 2009): 9.
http://www.esri.com/news/arcnews/summer09articles/geo-learning.html

Column by the Vice President for Education, National Geographic Society. Edelson's discussion is on the need for improving geography teaching and training of Americans. He includes both why and how we should change the way geography is taught:

"We've got a problem in our country. The rate of geographic literacy—meaning the number of people who can synthesize geographic information from a variety of sources and draw a sound conclusion—is abysmally low. On the other hand, *ArcNews* goes to almost a million individuals who earn their living by doing that kind of geographic reasoning every day."

The column is addressed to teachers and to the "solid core of geographic experts" who are essential to closing the "enormous geographic literacy gap." Edelson hopes to improve the level of geographic understanding and skills, both in general, and for the future need of persons with such expertise. He also views this "…from a societal perspective" where he believes "the gap in expertise between experts and the rest of the population is a much bigger problem." The United States is losing the ability to hold its place in the modern world because of this lack of proficiency. He also notes that by the end of middle school, that students should achieve a fair level of geographic competence, and by college, students should have "geographic proficiency." This is important for students majoring in all fields, but especially in the areas of international relations or environmental science.

The National Geographic Society has set the goal of achieving a 50 percent rate of geographic fluency among 18-year-olds by 2025. Evidence points to the present rate, which is much lower. By increasing the level of proficiency among all Americans, it is hoped that this will increase the supply of geo-experts needed to provide for all aspects of American society and business.

Solutions are offered that rely on support and effort from schools, professionals, government, and society leadership in forming a successful realization of these objectives. The need is critical and the time to change is now. This article provides you with ideas and fuel for building local programs in geography and cartography. I encourage you to read the full text.

"New Jersey Audubon Society Uses GIS to Create Trail Maps Discovering Gems of Wildlife Viewing" (page 15).

This article provides a good example of GIS that might be helpful when addressing faculty and community leaders on what GIS is, what it does, and the types of uses that would benefit local programs. It also contains some interesting equipment and techniques to gather relevant data that is then input to a topical GIS.

Activities included: use of *ArcPad* on a *Pocket PC* with a handheld GPS unit to collect trail information; use of *ArcGIS Desktop,* to allow staff to easily provide trail updates and changes in land use or features; software use to allow staff to smooth trail lines and add attribute table information.

The New Jersey Audubon Society (NJAS) operates 36 wildlife sanctuaries, many nearby to residents who might enjoy and learn from visiting. NJAS decided that the best way to get visitors would be to provide clear, accurate maps identifying trail length and highlights, to encourage exploration. As a by-product, NJAS highlights places to see rare wildlife and habitats, and identifies areas that should be closed due to the presence of threatened or endangered species. The article shows a sample trail map and links to the NJAS site provide access to the entire mapping project.

"U.S. Army Corps of Engineers Uses GIS for Complete Analysis of Category 5 Hurricane Protection: One Hundred Ways for Fending Off Hurricane Impacts" (page 18).

Storms are a fact of life along the Gulf Coast of the United States. A comprehensive map of New Orleans is being created showing a wide range of themes, mitigation plans, predictions, floodplain water depths, suggested buyout structures, existing levees, and new levees. It comprises data from a variety of sources and is shared with stakeholders. Congress considers these maps for planning storm surge defense.

The map is a concerted effort between research scientists, engineers, and planners to produce more than 100 alternatives for shoring up the state's coast with options that span from 100- to 1,000-year risk reduction.

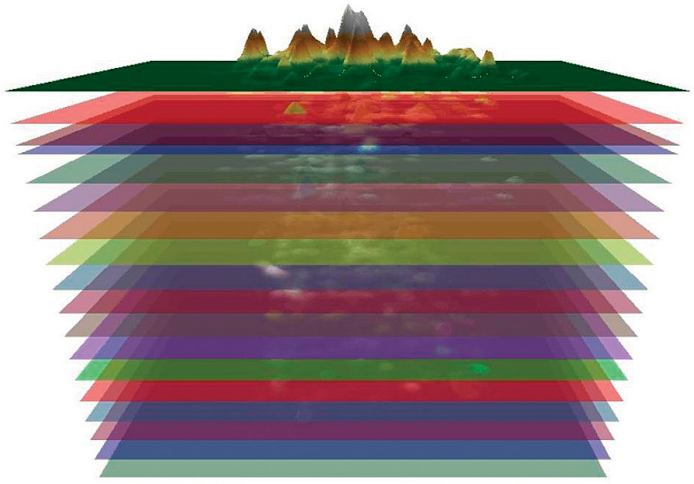
The Louisiana Coastal Protection and Restoration (LACPR) Project, initiated by the U.S. Army Corps of Engineers in response to congressional and executive

directives will provide a GIS that includes every type of parameter for hurricane preparedness that is possible, and shows every type of risk/interaction possible.

"The Ohio State University Cross-Disciplinary Team Explores Complex Structures of Interaction GIS to Understand Dance, and Vice Versa" (page 27).

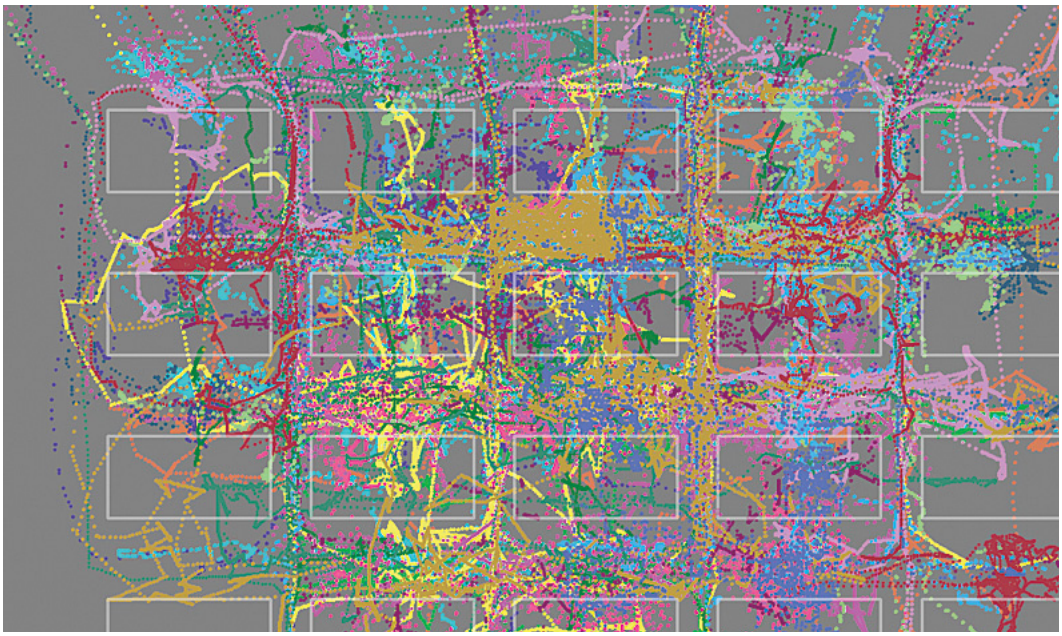
[dancers on sensor area]

GIS was used in an unusual study of dancers to map their performance. "The entire dance involved 17 dancers, and about 16 minutes of activity was recorded. The minute detail of the records, down to centimeter precision and temporal increments of 40 ms, resulted in a dataset of around half a million points."



[image showing each dancer's movements]

Spatial analysis and dance don't seem to be related, but someone considered the possibilities and came up with this study. The project "Synchronous Objects for One Flat Thing" (http://synchronousobjects.osu.edu/content.html#/movementDensity) was developed in collaboration with Ohio State's Department of Dance and Advanced Computing Center for the Arts and Design.



[Plots of dancers. Each color is a different performer]

The entire point dataset is shown with outlines of the tables on the dance floor. Each color represents a different dancer, and their locations were recorded at 40 ms intervals. ArcGIS 3D was used to create a three-dimensional spatial picture of the dancers in action.

What an unusual use of GIS tools to share with colleagues and those who need to see what GIS can do for their disciplines.

## Atlases

***The Journey of Maps and Images on the Silk Road.*** Philippe Forêt, Andreas Kaplony, editors. Leiden; Boston: Brill, 2008 (ISBN: 9789004171657). (Brill's Inner Asian Library; v. 21). xxxi, 243 p., [31] p. of plates: ill. (some col.), maps (1 folded map); 25 cm.

Drawing on evidence from the many civilizations that shared the Silk Road, this book examines specific cases of the mobility of maps and images through the centuries.—Publisher.

This book discusses the diffusion and transmission of geographical knowledge that occurred at critical junctures in the long history of the Silk Road. Prior to the present, this spatial-transmission of knowledge has not been studied in depth. *The Journey of Maps* studies this major series of trade routes and demonstrates how maps transcended historical and cultural divisions.

It is a good history and geographical study, that will also appeal to anthropology studies. For high-school and college, through adult reader.

Tockner, Klement, Urs Uehlinger and Christopher T. Robinson. ***Rivers of Europe.*** Amsterdam; London: Academic Press, c2009 (ISBN: 9780123694492). xvi, 700 p.: col. ill., col. maps; 28 cm.

This is an excellent atlas and data tool for anyone studying watersheds, European environment, history, or other topics. Included are studies of each river basin with data and maps on topics such as: culture and economics, hydrology, human impact, temperature and precipitation, flooding, deltas, water quality, and more. Maps, charts, and tables provide a wealth of data on each watershed and the effects of man on the rivers.

Maps are featured throughout the work. Well designed color maps show Europe as a whole, and each basin in detail. Each chapter is well-written and follows an order that is similar so that readers may compare data from various river systems. Each chapter also has many color photographs and some historic images showing features of the rivers being presented. Extensive bibliographies finish off each chapter providing the reader with access to more resources.

Coverage includes all of Europe, including Iceland and Russian/Slavic countries as far as the Urals.

This work is a great choice for any university collection, as well as for adult learners or anyone doing studies in European culture, history, geography, hydrology, environmental/biological, and other topics. The photographs and maps are wonderful for anyone wishing to see features of the various rivers of Europe. It is also a good model for similar studies of other continents.

## Web sites and Resources

GIS Day: Wednesday, November 18, 2009: Mark Your Calendar!

GIS users around the world will celebrate this 11th annual event that promotes the use and importance of GIS throughout the world and provides users with the opportunity to share their passion with others.

Each GIS Day event is unique. GIS Day participants show a variety of creative

applications that has made the program a worldwide success. GIS Day is for everyone and events can be customized to your available time and resources. "Whether large or small, your GIS Day event is helping educate people around the world about the importance of GIS in our daily lives." Some ideas suggested by the GIS Day Web site include:

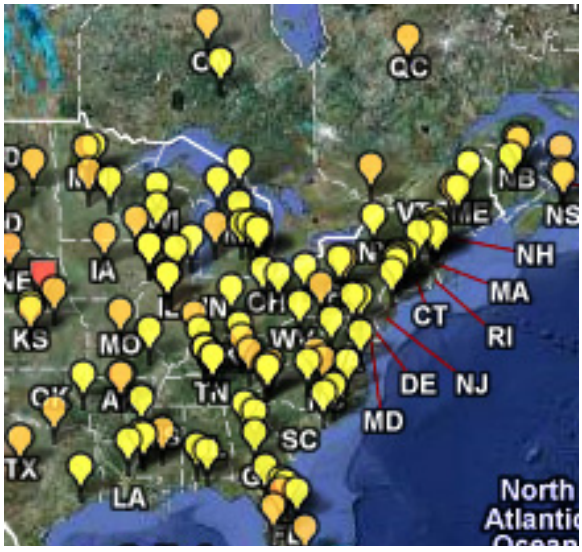
- Organizing an open house to display GIS work
- Hosting training sessions for colleagues and the public
- Participating in your local school's science fair or career day
- Organizing a GIS Day informal gathering during your lunch break
- Contacting local community and youth organizations and give a presentation

The Web site offers a series of materials that can be used to promote and educate patrons and the community on GIS and its utility. Posters, teaching resources, promotional materials, and other items are available, all designed to be used for this opportunity to show the GIS universe. Now is the time to get prepared.

**Health Map: Global Disease Alert Map**
http://www.healthmap.org/en

Here is a map that shows cases of diseases around the World. Using Google map technology, pins are placed on the map to show cases, with type of disease, and other data. The map tracks a number of afflictions, including some animal diseases, to assist in watching the change in diseases. Cases can be selectively turned on or off by reporting agency, disease type, outbreak/epidemic class, and other factors. Lists also show diseases by country.

This is a good site for high-school through adult learners and for anyone wishing to have a simple visual-map showing the transmission and population distribution of diseases.




base line 30(4): 12

**Flu Trends**
http://www.google.org/flutrends/

Watch the flu spread! (or not). Google has prepared maps and also a brief description of what terms to use when searching for data, based on their study of searches and words used by news and other sites that discuss the influenza situation as it develops. In addition to maps and news, you can download raw data for your own studies (a UPI article from last November explains the Google effort to provide background: http://www.upi.com/Health_News/2008/11/12/Google_to_help_CDC_map_flu_outbreaks/UPI-20311226506394/).

**Resources for the study of Palaeolithic European, Russian and Australian Archaeology**
http://donsmaps.com/index.html

Paleontologists, anthropologists, archaeologists, Pre-historic European historians, and geographers will enjoy the resources on this site. While not all is based specifically on prehistory (Jean Auel fans note), there is a good amount of material here, especially the Maps section (http://donsmaps.com/indexmaps.html). If nothing else, the author's way of drawing maps may interest those wishing to see his method of working.

Though this site may not appeal to experts, it may be of interest to literary studies and to those who are making maps with graphic appeal.

**The World as We See It**
http://img.skitch.com/20080515-aapsadu37c5ycas396u4pukff.jpg

So many minds, so many ideas, so much band-width, so much time on someone's hands. Maps show so many different concepts and themes, and even the craziest are worth noting as they give us a view of the World as seen through our fellow sentient beings.

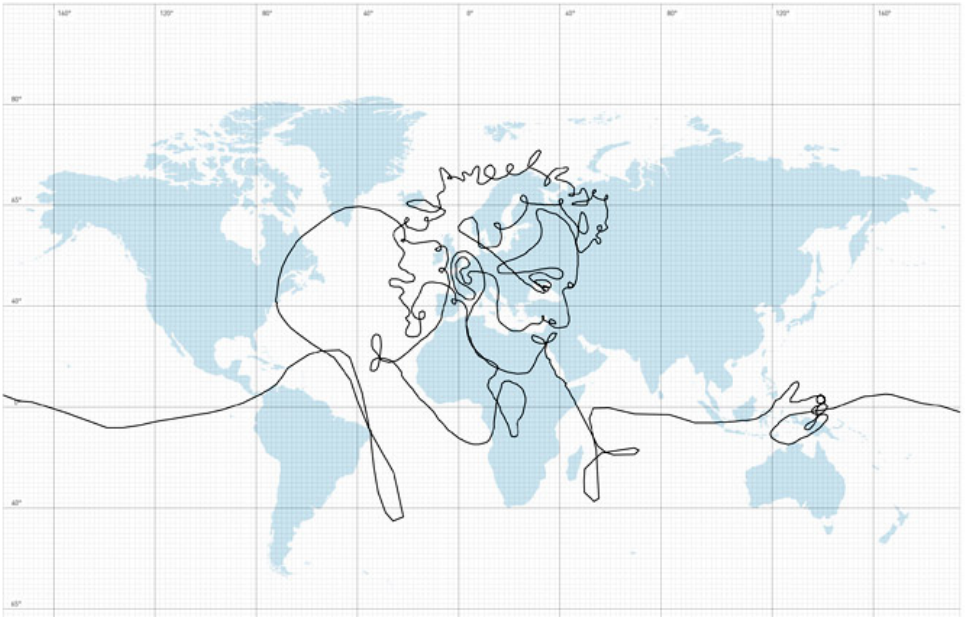
This map is a "quick sketch" showing World perceptions from various viewpoints.

**Map of Humanity**
http://www.joeydevilla.com/wordpress/wp-content/uploads/2007/09/map_of_humanity.jpg

This is another one of those cartographic curiosities that show a non-traditional map topic using a traditional style map. Some others include:

**Biggest Drawing in the World**
http://biggestdrawingintheworld.com/drawing.aspx

The artist shipped a GPS unit in a briefcase and used the waypoints to "draw" the package's route on a map of the World. Movie clips, and the DHL shipping orders (place-to-place) show how he did it. It is without a doubt, the most unusual use of maps and mapping yet.



**Shark Runners**
http://dsc.discovery.com/convergence/sharkweek/shark-runners/shark-runners.html

I guess this is the second most bizarre GPS use I've seen. Discovery Channel has an online game where players must navigate boats to avoid sharks who are played by REAL SHARKS in real-time. The sharks are wearing GPS collars and data is uploaded to the game system.

This is being done to raise awareness for shark preservation efforts. Included are ways to donate or contribute to this and other conservation projects. If nothing else, you may enjoy seeing an animal tracking system in action.

**MBTGuru**
http://www.mtbguru.com/

For those with a GPS, or those who want to start using one, this site enables bikers, hikers, and runners to upload GPS info, with photos and comments, from their routes. These are mashed up with Google Maps to create an ever-expanding trail resource. This is a neat use of technology that has a million applications. Travel, create routes for research projects, or develop maps that show whatever topic you develop using GPS readings and related images and text.

**Cab Spotting**
http://cabspotting.org/index.html

It gets more interesting (especially for anthropologists and human-geographers) when someone takes GPS to another level of use. From the site:

"Cabspotting traces San Francisco's taxi cabs as they travel throughout the Bay Area. The patterns traced by each cab create a living and always-changing map of city life. This map hints at economic, social, and cultural trends that are otherwise invisible. The Exploratorium has invited artists and researchers to use this information to reveal these "Invisible Dynamics."

The core of this project is the Cab Tracker. The Tracker averages the last four hours of cab routes into a ghostly image, and then draws the routes of ten in-progress cab rides over it.

The Time Lapse area of the project reveals time-varying patterns such as rush hour, traffic jams, holidays and unusual events. New projects are produced by the Exploratorium's visiting artists and also created by the larger Cabspotting community."

This project is related to the San Francisco Museum of Science, Art and Human Perception, at the Palace of Fine Arts (http://www.exploratorium.edu/).

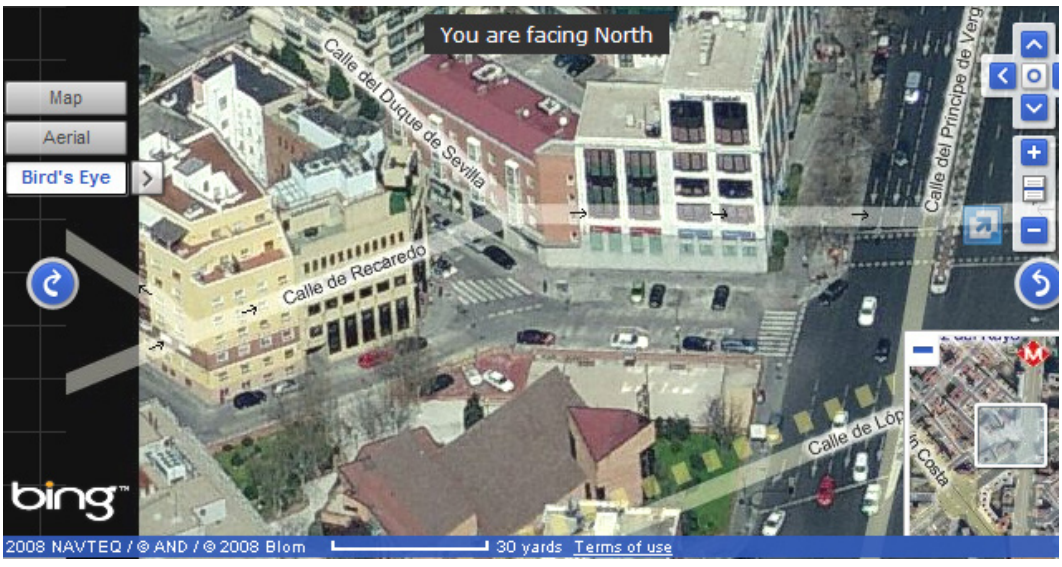
**Meta Filter**
http://www.metafilter.com/tags/maps

Many map-related sites are featured on this blog. Viewer discretion is advised, but some of the maps are worth knowing about. The link above is from my search of "maps" in the blog. The possibilities are endless and so are our patrons' requests so this might come in handy on a reference question someday.

**Multi-Map Online Atlas**
http://www.multimap.com/world/

Find maps and satellite images up to a resolution of 1:200,000 for any area of the world. Works similar to most 'Map Quest" style systems. Shows land mass and terrain; roads and infrastructure included more for urban areas.

Key features include: Map view, Aerial (Sate) view, and Bird's-Eye view. This works at various scales over the entire world, depending on available data. For example, view Samoa and look at satellite and map views, Algeria (image example shows part of the Plateau du Tademait in Tamanrasset) or Madrid (all three types down to very detailed bird's-eyes (see example).



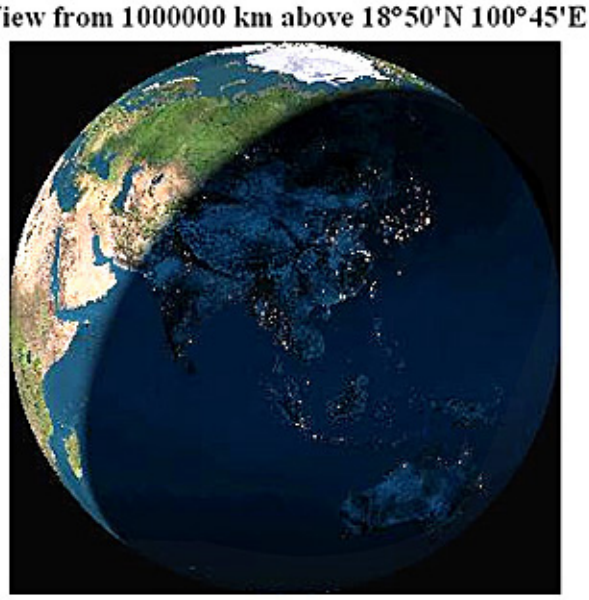

For more on how to use Multi Map, and for more on what it provides, go to their info page: http://www.discoverbing.co.uk/map/multimap.aspx

**The Map Guide**
http://www.stjernberg.com/maps/mapguide.htm

The Map Guide is a metasite for maps and map-related materials online. It organizes URLs into distinct categories for ease of locating maps by topic or location. Using the index page, you can go directly to links for: World Maps and Atlases (continent, country, etc.); Weather maps; Historical maps; Maps & Globes for Sale; and Other Map related sites.

Some of the Web sites you will recognize, while others are probably not so familiar, but all are worth noting so keep this link handy for searches and quick geography reference.

**Earth and Moon Viewer**
http://www.fourmilab.ch/earthview/vplanet.html




This site provides tools to simulate the views of the Earth or the Moon, from various positions in space (e.g., from the Sun, from the Moon, from above or below). See the Earth showing the day and night regions, view it from above any location on the planet (latitude/longitude/altitude). You can even choose the view from various satellites in orbit (choose from a list).

Images can be generated based on a full-color image of the Earth by day and night, and include ability to show topography, current weather, or a composite image of cloud cover superimposed on a map of the Earth. Also available are data

for: land and sea temperatures, ice, and other variables. You can compose a custom view with frequently-used parameters and save it to let you repeat the same parameters in the future.

Viewing the Moon is similar to the Earth system: i.e., views from Sun, night side, above named lunar formations. or as day and night image. There is also a setup that compares the appearance of the Moon at perigee and apogee, including an interactive calculator.

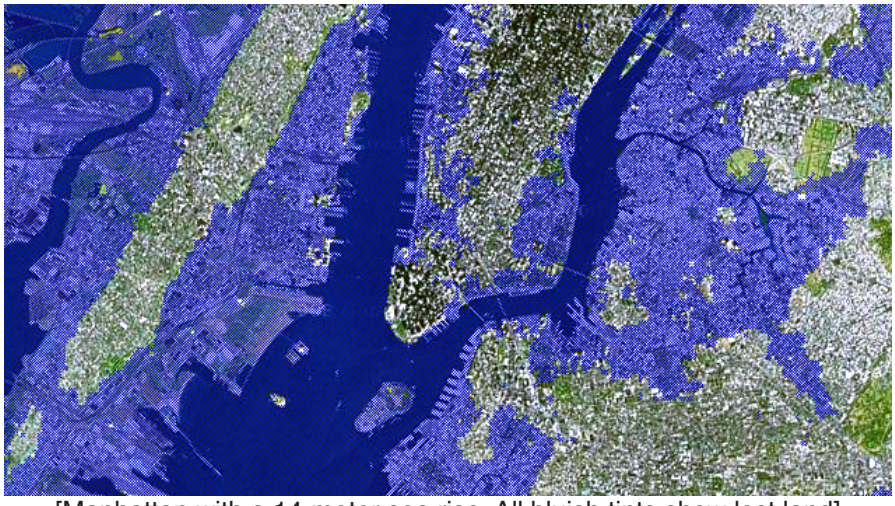
Another feature on the Web site shows Earth or Moon preset views of specific events (e.g., eclipses). With all views, you can pan or move around the globe by clicking, or zoom in/out.

If you download "Home Planet, a public-domain Earth/Space/Sky simulator, you can set up your computer to display the Earth or Moon in real time, and can show the sky, stars at the horizon, the solar system, orbits of asteroids and comets, and more.
This Web site provides a simple way to produce a good quality image of the Earth and the Moon from space, which can be used for papers and small displays. The system can be used by students from grade-school through college, and by teachers and adult learners.

**Earth Current View day/night**
http://www.fourmilab.ch/cgi-bin/uncgi/Earth/action?opt=-p

This link, from the same Web site provides you with a full view of the Earth showing day and night as it is at the present moment. It is a great visual for showing where the daylight is on the entire Earth at one time.

**Flood Maps**
http://flood.firetree.net/



[Manhattan with a 14-meter sea rise. All bluish tints show lost land]

Say goodbye to New York, London, and LA. Forget Holland, and many other favorite sea-side locales. When the oceans rise, much of the coastal boundaries will change. But how will it look? (Hint: Sacramento dwellers won't be safe inland.)

Web pages show the effect of sea level rise on a Google-map setup. Just go to the geographical location that you want to view, enter a number (0-14 meter) of the amount of sea rise, and view the change directly on the map. Or view as satellite image, or hybrid. This works just as Google maps do.

One note on the changes: some data may or may not be accurate (take a look at Death Valley or the Dead Sea (or even some Sahara depressions) with rising oceans); it might be a function of data generalization, or maybe real data showing how extremely low spots on Earth might be affected through reverse water pressure.

This is a great visualization page for students and adults showing in graphic detail what might happen if anything throws the Earth's ocean levels off.

**Geology.com**
http://geology.com/

In addition to geology, this Web site has a collection of "Reference Maps" that might be useful for teachers, or for students needing quick, simple maps showing countries or continents. Included are state satellite (and other) maps, and city satellite images.

The site is valuable for geology students, but also for natural sciences studies and for students to obtain good maps and data.

**Sarychev Volcano Eruption: Spectacular Photograph**
http://geology.com/nasa/sarychev-volcano-eruption/

NASA's Earth Observatory passed over the Kuril Islands in June 2009 and shot this amazing image of an eruption in its early stages. More details are on the site, as well as many more incredible images.

**Virtual Tourist**
http://www.virtualtourist.com/

This is a travel site but its inclusion of detailed map tools makes it a great resource for map searches, satellite images, and more. Included are maps (standard or using satellite/map technology), travel info, and geography references.
For more densely populated areas, data contains more detail allowing one to zoom in to neighborhoods to view individual structures, land parcels (sometimes with lot numbers), and more detail (see example below: Kaitaia, NZ map; showing

same view 2 ways; note too the cloud shadows).

This site is also good for students at all levels, and for teachers or librarians needing maps, images, and data on specific regions or places. It might also be helpful for the travelers too.

**Spilpunt: Mineral Commodities and Africa**
http://spilpunt.blogspot.com/2007/04/congo-kinshasa.html

An interesting blog that discusses Africa in relation to mineral commodities. Throughout the blog are maps and geo-data available for use. Choose by country,

mineral type, or other topic. Or go to the *Maps and Images* page: http://spilpunt.blogspot.com/2007/04/maps-and-images.html for a variety of maps, GIS data (some available for free), geographical, and geological maps, and more.

Links go to maps produced by various government and commercial agencies, including: *Soils of Africa:* http://eusoils.jrc.ec.europa.eu/esdb_archive/EuDASM/Africa/indexes/map.htm, or the Geology of the Congo (early Belgian Congo map): http://eusoils.jrc.ec.europa.eu/esdb_archive/EuDASM/africa/images/maps/download/afr_zr1001_ge.jpg.

**MadMappers**
http://www.madmappers.com/

"**African GIS data accessible to all**."

This Web site contains conventional maps, GIS data sets, and other imagery for African nations. Though still being populated, the currently available files provide useful resources. Included are: Raster and Vector maps, Aerial Photos, GPS maps, DEM Data, and Satellite Imagery.

Some files are available for download at no cost. These contain data for use in GIS programs or in image software. This Web site should be very useful once more files are presented.

## Books

***ESRI GIS Best Practices e-books***
http://www.esri.com/showcase/best-practices/index.html

ESRI publishes a series of free e-books featuring recent articles dealing with GIS applications. Topics include Business, Education, GIS Technology, Government, Natural Resources, among others. Each book is a PDF with color illustrations. Books can be read online or downloaded and printed. Several examples are below:

***GIS in Africa***
http://www.esri.com/library/bestpractices/gis-in-africa.pdf

A 46-page collection of articles, maps, diagrams, and illustrations covering specific aspects of the field, of interest to professions or systems assistants. *GIS in Africa* discusses applications in Africa, from sustainable development to rural education.

***GIS for Archaeology***
http://www.esri.com/library/bestpractices/archaeology.pdf

Also 46 pages this work covers archaeological utility of GIS.

***Using GIS with GPS***
http://www.esri.com/library/bestpractices/using-gis-with-gps.pdf

One of my favorite concepts is using GPS to create and perfect mapping efforts. This e-book does just that.

Additional GIS Resources

***Arc User***
http://www.esri.com/news/arcuser/0609/files/arcuser46.pdf

The Summer 2009 issue's main theme is "GIS in Tough Economic Times."

## Conclusion

Late summer evenings, pack up the toys; students are coming, Oh My! -DJB

---

**Rare, Antiquarian, or Just Plain Old:**
**Cataloging Pre-Twentieth Century Cartographic Resources**

The **Workbook** used and issued to participants during the June 2007 ALA preconference on cataloging early maps and atlases is now available to purchase for $40. The **Workbook** includes illustrations and cataloging examples taken from sheet maps, atlas plates and atlases, focusing on early and pre-twentieth century cartographic materials. Elements of description, transcription, mathematical data and supportive research are some of the areas covered by the **Workbook**. The price includes shipping and handling.

Orders should be sent to Jim Coombs, MAGERT Publications Distribution Manager, Maps Library, Missouri State University, 901 S. National, #175, Springfield, MO 65897 E-mail: JimCoombs@missouristate.edu

---

# Scenes from the Annual Conference in Chicago

Left to right above: Matthew Parsons, Carolyn Kadri, Pete Reehling.

Left to right: Tracey Hughes, Kathy Weimer, Carol McAuliffe.

Incoming Chair Kathy Weimer (left) accepts the MAGERT gavel and USB flash drive from outgoing Chair Carolyn Kadri.

Great Moments In Map Librarianship
by Jim Coombs
. . . AND THIS YEAR'S MAGERT HONORS AWARD GOES TO . . . JIM COOMBS!
WOW! THIS IS A HIGHLIGHT OF MY CAREER!
I WONDER HOW I CAN TURN THIS INTO A CARTOON . . .
MAGERT HONORS AWARD JIM COOMBS
© JIM COOMBS 8/09
I HAVEN'T SEEN YOU FOR A WHILE. WERE YOU ON VACATION?
I WAS AT A LIBRARY CONFERENCE IN CHICAGO. I GOT A 'LIFETIME ACHIEVEMENT' AWARD!
OH SURE YOU DID. I'VE HEARD ALL ABOUT THOSE "CONFERENCES." I BET YOU JUST HUNG OUT IN THE BLUES CLUBS THE WHOLE TIME!
SALE!
BEEP!
CRUNCHY!