ISSN 1943-6548

base line

a newsletter of the
Map and Geospatial Information Round Table

TABLE OF CONTENTS

4 From the Chair
6 MAGIRT Meeting Schedule for Chicago
7 On the Cataloging/Cataloguing Front
Bounding Box Tool from Klokan
12 New MAGIRT Members
14 Treasurer's Report - June 2013
15 Electronic Mapping
18 2013 Honors Awards Recipients
19 New Maps and Cartographic Materials
29 Great Moments in Map Librarianship

http://www.ala.org/magirt/

Volume 34, Number 3
June 2013

base line is an official publication of the American Library Association's Map and Geospatial Information Round Table (MAGIRT). 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 MAGIRT 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 MAGIRT. Contributions should be sent to the appropriate editor listed below.

Editor: Steve Rogers, Map Librarian (retired), Thompson Library, Ohio State University, 1858 Neil Avenue Mall, Columbus, OH 43210
E-mail: rogers.20@osu.edu

Distribution 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: Carol McAuliffe, Map Librarian, Map & Imagery Library, University of Florida, 110 Marston Science Library, Gainesville, FL 32611 Tel: 352/273-2828 E-mail: carolmc@uflib.ufl.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: 716/645-1332 Fax: 716/645-3710 E-mail: dbertuca@buffalo.edu

Membership and Marketing Committee Chairperson: John Ridener, Urban Mapping, Inc., 26 O'Farrell Street, Suite 310, San Franciso, CA 94108 Tel: 415/946-8170 ext. 808 Fax: 866/385-8266 E-mail: johnr@urbanmapping.com

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 MAGIRT Treasurer, payable in U.S. dollars to ALA-MAGIRT.

© American Library Association 2013
312/944-6780
Published by the Map and Geospatial Information 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 MAGIRT can access ***base line*** as a benefit of their memberships.

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

MAGIRT OFFICERS:

Chairperson:
Tracey Hughes, Librarian, Colorado Mountain College Alpine Campus, 1330 Bob Adams Drive, Steamboat Springs, CO 80487 Tel: 970/870-4451
E-mail: thughes@coloradomtn.edu

Vice-Chairperson (Chair-Elect):
Kathleen Weessies, Geosciences Librarian, Head, Map Library, Michigan State University Main Library, 366 W. Circle Drive W308, East Lansing, MI 48824
Tel: 517/884-0849 E-mail: weessie2@msu.edu

Secretary:
Carol McAuliffe, Map Librarian, Map & Imagery Library, University of Florida, 110 Marston Science Library, Gainesville, FL 32611 Tel: 352/273-2828
E-mail: carolmc@uflib.ufl.edu

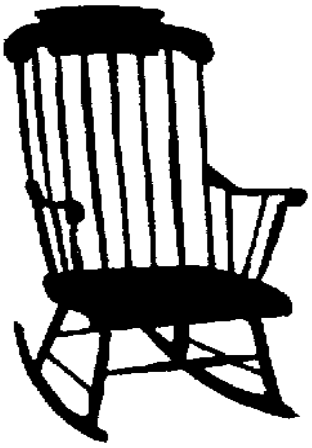
Treasurer:
Paige Andrew, Maps Cataloging Librarian, 126 Paterno Library, Pennsylvania State University, University Park, PA 16802 Tel: 814/867-0786
E-mail: pga2@psu.edu

Past Chairperson:
Hallie Pritchett, Map and Federal Regional Depository Librarian, University of Georgia Libraries, Athens, GA 30602 Tel: 706/542-0690 (Map Library)
706/542-0664 (Main Library) E-mail: hpritche@uga.edu

http://www.ala.org/magirt/

FROM THE CHAIR

Tracey Hughes, MSI, GISP, AICP
Colorado Mountain College,
Alpine Campus Library



This is it – my last column as Chair of MAGIRT! The year has flown by — as it tends to do — and I want to start this off with a hearty *thank you* to everyone who has been a wonderful part of our map and geospatial librarianship family. MAGIRT is a tight-knit but extraordinarily welcoming group, and I personally appreciate the support of each and every one of you.

Between conferences are active times for our Round Table as evidenced by our ongoing committee work, two extremely well-attended webinars, and the continued development of MAGIRT's online resource guide. Just go to http://magirt.ala.libguides.com/resources and you can find some wonderful information as well as details about the webinars, upcoming programs and the work of our committees and discussion groups.

There is no doubt that Annual 2013 in Chicago will be a great way to meet fellow map and geospatial people, learn more about your field and gather additional resources to take back with you to your respective locations. For our full program and meeting schedules, as well as details about the MAGIRT specific events — which require R.S.V.P.'s — check out http://www.ala.org/magirt/2013-ala-annual-schedule. Here are a few highlights…

Friday June 28:

- Tour of the fabulous Newberry Library
- MAGIRT Dutch-treat dinner

Saturday June 29:

- MAGIRT Awards Dinner

We're thrilled that there are more geospatial happenings going around in ALA, and here are two that we have identified:

Saturday June 29:

- Numeric and Geospatial Data Interest Group of ACRL - 4:30 to 5:30 p.m., Hyatt Regency Chicago, Skyway 269

Sunday June 30:

- Ignite Sunday Session: *Creating Geospatial Data Services – Needs and Challenges:* 11:30 a.m. – Noon, McCormick Place Convention Center S102d

And look for the MAGIRT Fun Run participants early on Sunday morning – they'll be sporting some very cool MAGIRT-logoed wear!

Finally, I would like first to *thank you* for the opportunity to serve as your Chair; and second, to ask you to join me in extending a warm welcome to our new very-soon-to-be MAGIRT leaders! I have nothing but full confidence in Kathleen Weessies' leadership abilities as our new Chair, in Paige Andrew's skills and vision as our new Vice Chair, and in Beth Cox's ability to wrangle MAGIRT's budget and finances as our Treasurer.

As always, please don't hesitate to be in touch with any suggestions or comments for the MAGIRT leadership at magirtbd@ala.org.

Pass on Your Values to the Next Generation of Librarian Leaders!

In June 2012, ALA launched 15x15, a planned giving campaign to help strengthen the impact and longevity of ALA's programs and activities in support of libraries and librarians. The goal of the campaign is to secure $15 million in planned giving commitments by 2015.

You can be a part of this via a planned gift of any amount made to the association for general purposes, or specifically directed to an ALA division, round table, program or fund. Please consider giving to the profession or to MAGIRT specifically as you do your estate planning.

For more information on the variety of ways one can contribute a planned gift, please visit www.ala.org/plannedgiving.

15x2015 Help us reach $15,000,000 by 2015!

MAGIRT Map and Geospatial Information Round Table

ALA LEGACY SOCIETY

MAGIRT Annual 2013 Preliminary Meeting Schedule - Chicago, IL

Friday, June 28nd

10:30am-12:00pm	RTCA - (for elected MAGIRT Officers only)
Afternoon	MAGIRT Social Event, Newberry Library – **Two tours: 1pm and 3pm. Please provide your preferred tour time.** We will try to honor your time choice, but tour numbers are limited.
	– RSVP to Kathleen Weessies at weessie2@mail.lib.msu.edu by June 19. If RSVPs exceed capacity, preference will be given to MAGIRT members. You will receive an email confirming your tour time. The meeting location is the Newberry Library and suggested directions will be also be sent via email.
6:00pm	MAGIRT Dutch Treat Dinner – Exchequer Restaurant at 226 South Wabash.

Saturday, June 29th

8:30am-10:00am	GODORT GIS Discussion Group - **McCormick Place - S504a**
10:30am-11:30am	Map Collection Management Discussion Group - **Sheraton Chicago - Ontario Room**
1:00pm-2:30pm	Program: Maps the RDA Way: Come Catalog a Map With Us! - **InterContinental Chicago Hotel - Seville East**
4:30pm-5:30pm	Publications Committee Meeting - **InterContinental Chicago Hotel - Michigan**
6:00pm-8:00pm	*FOR INTERESTED MAGIRT MEMBERS OR GENERAL ALA MEMBERS:* Public Hearing for Descriptive Cataloging of Rare Materials (Cartographic) - **Hyatt Regency Chicago Hotel-Skyway 260**
7:00pm-10:00pm	MAGIRT AWARDS DINNER – Maggiano's – RSVP required and limited to MAGIRT members only. RSVP to Kathleen Weessies by June 19. weessie2@mail.lib.msu.edu Space is limited: You will recieve a confirmation email.

Sunday, June 30th

8:30am-10:00am	ALCTS/MAGIRT Map Cataloging Discussion Group - **InterContinental Chicago Hotel - Seville West**
10:30am-11:30am	Cataloging and Classification Committee - **InterContinental Chicago Hotel - Valenica**
1:00pm-2:30pm	GeoTech Committee meeting - **McCormick Place - N136**
3:00pm-4:00pm	Program Planning 2014 and 2015 Committee Meeting - **Hilton Chicago - Conference Room 4K**
4:30pm-5:30pm	Executive Board Meeting - **McCormick Place - S505b**

If you have any questions, comments or suggestions about our Annual 2013 meeting schedule, please contact MAGIRT Chair Tracey Hughes at thughes@coloradomtn.edu.

ON THE CATALOGING/CATALOGUING FRONT

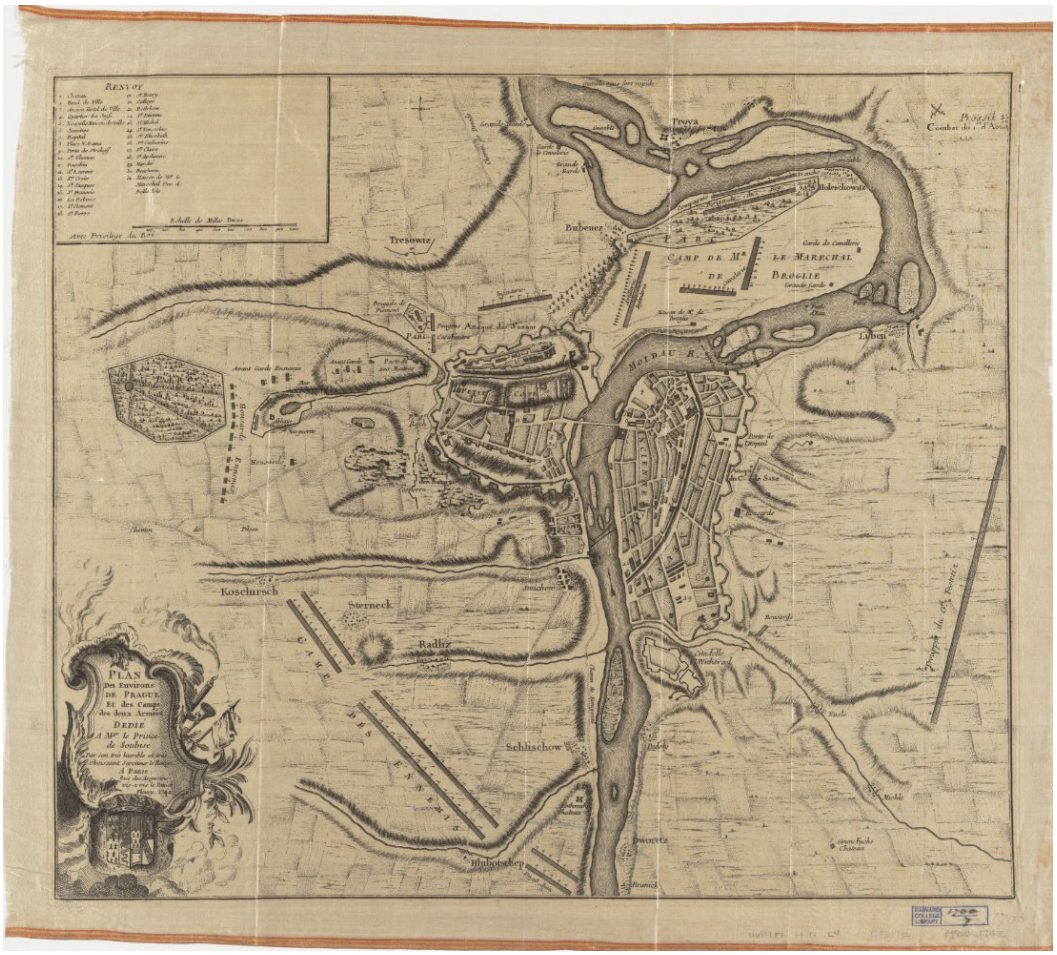
Tammy Wong, Library of Congress

Bounding Box Tool : Metadata Enrichment for Catalogue Records by Visually Selecting Geographic Coordinates (Latitude/Longitude) for Maps

Klokan Technologies
http://boundingbox.klokantech.com/

by Marc McGee, Harvard Library

The Bounding Box Tool by Klokan Technologies is a simple-to-use, freely available online tool for defining bounding box coordinates for maps. Bounding box coordinate data can be formatted in a variety of ways and added to catalog records of differing systems and standards.



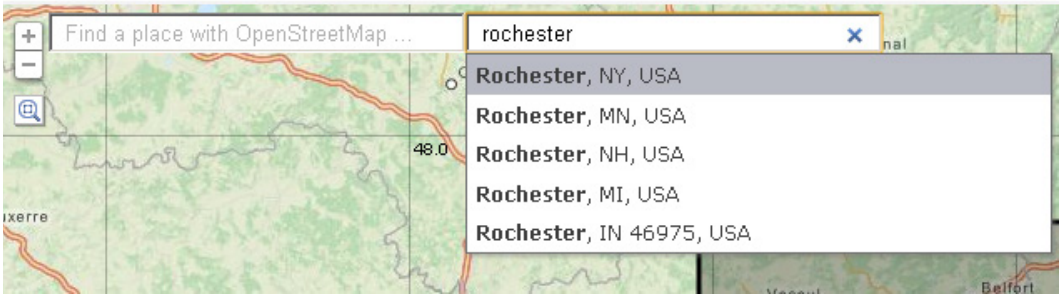
Plan des environs de Prague, Georges-Louis Le Rouge, 1742. Image courtesy of the Harvard Map Collection. http://hollis.harvard.edu/?itemid=|library/m/aleph|011148316

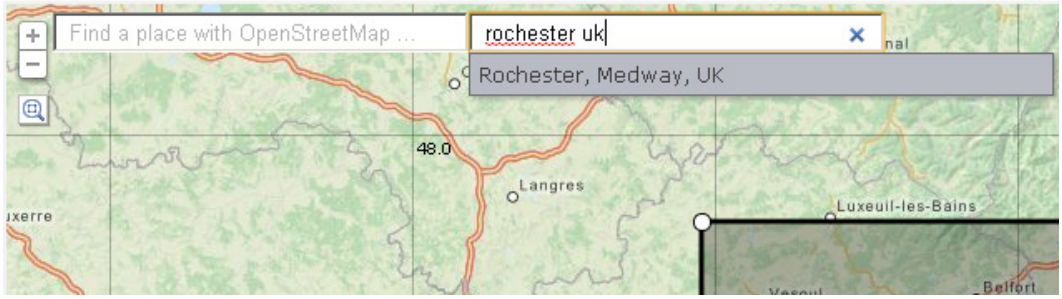
This historic map of Prague lacks explicit latitude/longitude data printed on the map. Let's say we're interested in finding out the bounding box coordinate data of this map so that we can populate the 035/255 fields in a MARC bibliographic record.

The Bounding Box Tool offers two gazetteers (OpenStreetMap and Google) for locating places.

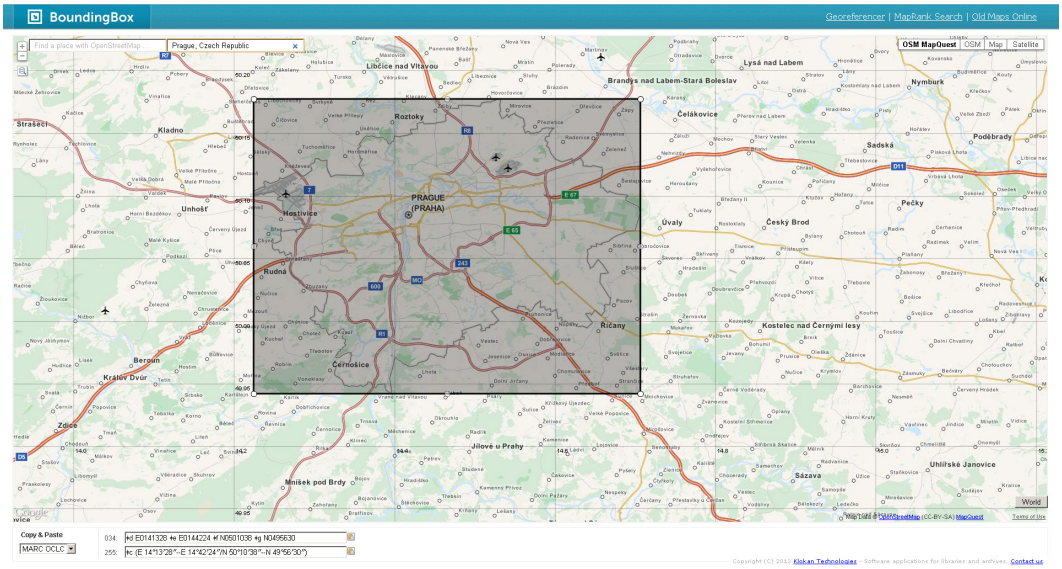
Type the location of the map into the gazetteer search box: Prague. Matching locations in the gazetteer will autopopulate in a selection drop-down list. Select the gazetteer location that best matches the map you're describing: Prague, Czech Republic.

Tip: The initial gazetteer display shows only a limited set of placename matches, so with common placenames it may be necessary to include also the name of a larger administrative area. For instance, using the Google gazetteer, in order to find Rochester located in South East England, you would need to type "rochester uk" in order for the gazetteer to display an appropriate placename entry to select.



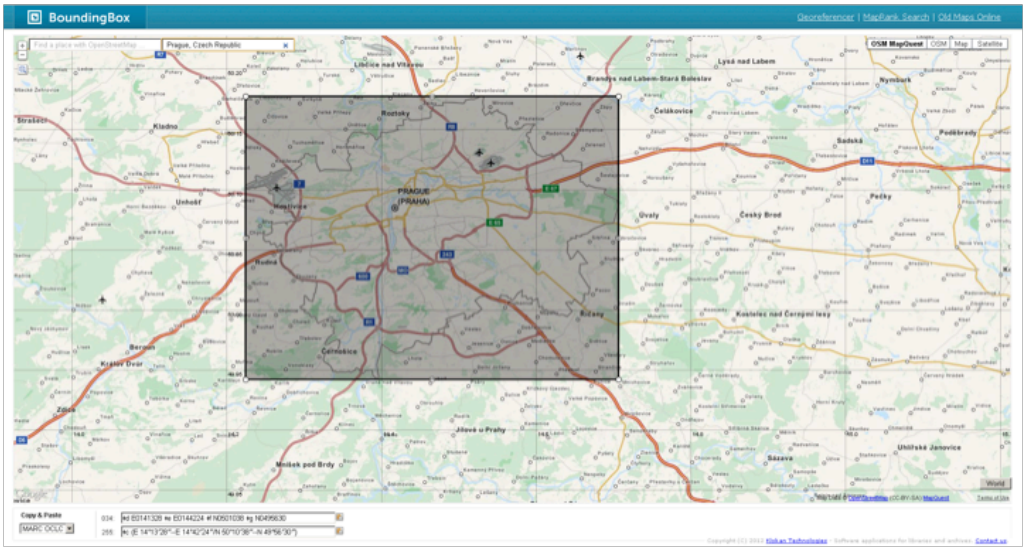


Alternately, you may pan and zoom around the map to find a location.



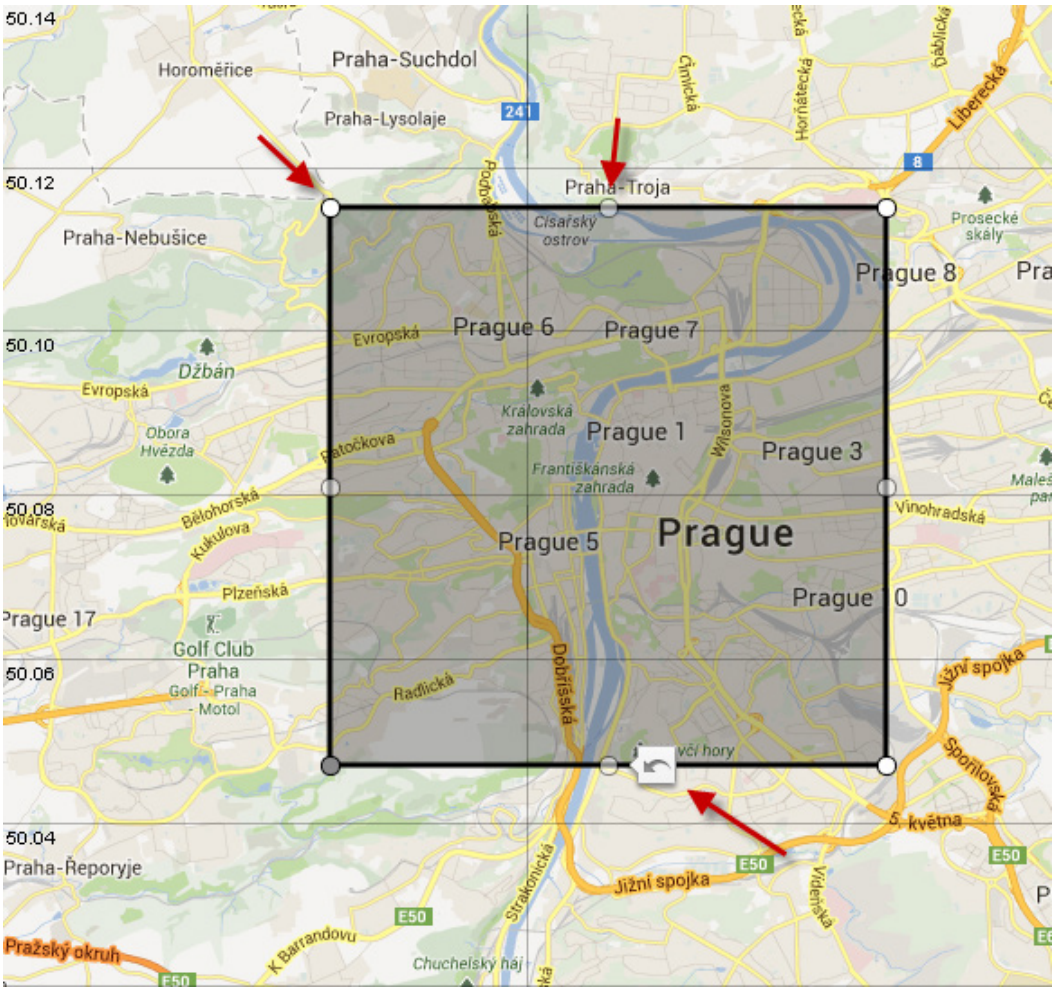
A gray-shaded bounding box area will appear on the map based on the default gazetteer data. This bounding box area can be further customized for the map being described.

Tip: For maps that are not oriented to the North, and in particular those that are oriented at a diagonal, you may not be able to exactly match the gray-shaded box with the area that your map represents. The Bounding Box Tool only provides north-oriented rectangles. It's important to remember in these cases that the statement of coordinates data is intended to represent the greatest extent in a direction that the map covers and in some cases cataloger's judgment may be exercised to give a best estimate of map extent.



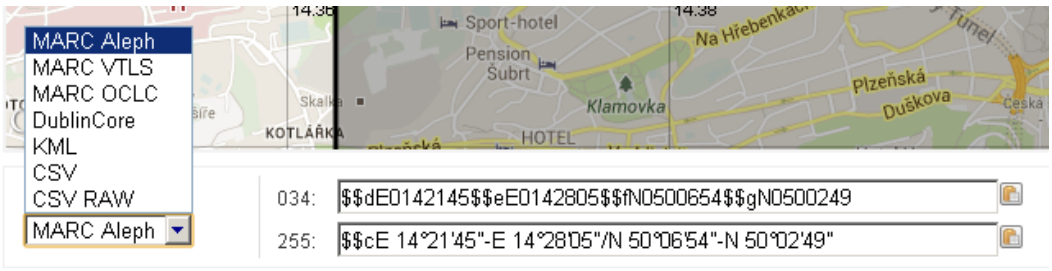
By zooming in on the map, you can adjust the scale of the background data to better match the map you are cataloging.

Tip: The Bounding Box Tool has 4 base maps to select from: OSM [OpenStreetMap] MapQuest, OSM, [Google] Map, [Google] Satellite. Depending on the location and scale of the map you are cataloging, it may be useful to try different base maps to find better background data to match the features and extent of the map.

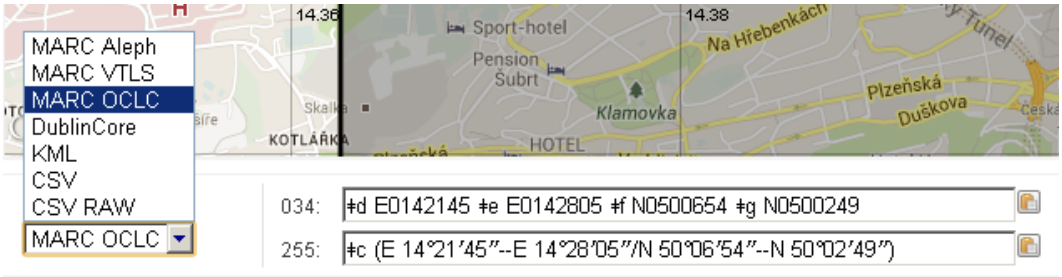


The West, East, North, and South bounding extents can be adjusted by clicking and dragging the dots on the edges and corners of the gray-shaded box extent. As you adjust the box extent the bounding box data automatically updates in the coordinate data output boxes below the lower left corner of the map. Precision of the coordinate data is dependent upon the zoom scale of the map.

Tip: Return to the previous bounding box extent by clicking on the gray back arrow that appears after modifying an extent.



Use the pull down menu next to the output data fields for selecting the format of the bounding box data for different systems and standards. Bounding box output data can be formatted for MARC fields 034/255 for: MARC OCLC, MARC Aleph, and MARC VTLS [accounting for differences in the subfield delimiter in different systems]. Bounding box output data can also be formatted for compatibility with Dublin Core, KML, CSV, and CSV Raw. Clicking on the copy icon to the right of the extent field captures the formatted bounding box output data for that field and can then be pasted into the cataloging software you are using.



Tip: For some cataloging systems it may be necessary to select a combination of output types in order to capture the required format for the system. For instance, for Harvard's implementation of Aleph, the required formatting for the 034 coordinate subfields can be captured by using the "MARC Aleph" 034 output, while for the 255 subfield 'c' it is better to use the "MARC OCLC" output, as the bounding coordinates are enclosed in parentheses, include double hyphens, and use the prescribed MARC 21 symbols for degrees, minutes, and seconds. Also, if your local system's convention is to record decimal degrees you may need to use the "CSV" output option along with some manual additions.

NEW MAGIRT MEMBERS
March - April 2013

Welcome to MAGIRT! And welcome back, returning members! We look forward to seeing you at meetings and events, whether virtual or in-person. Now that you are a part of the MAGIRT team, you are encouraged to get as involved as you want to be, whether that is at the level of a committee or discussion group member, moving towards an officer position or almost anything in-between.

Don't hesitate to reach out to your MAGIRT Officers, Committee Chairs, Liaisons, or Discussion Group Coordinators – our phones and emails are always open, and you can find the contact information on our Web site at http://www.ala.org/magirt/. Be in touch or just jump right into the conversations in ALA Connect or via the MAGIRT listserv!

Here's a big thanks and welcome to the following new or returning members in our very active and longstanding Round Table.

Jean-Luc Arnaud – Aix-en-Provence, France	Catherine Hodge – Allentown, PA
Jessica Benner – Pittsburgh, PA	Arlene Hopkins – Santa Monica, CA
Lisa Bier – Hamden, CT	Claudia Horning – Los Angeles, CA
Angela Boyd – Santa Barbara, CA	Sarah McCarthy – Union City, NJ
Susan Clay – Winterville, GA	Sandra Lee Parker Provenzano – Washington, D.C.
Angela Cook – Grand Canyon, AZ	Monica Rivero – Houston, TX
Stephanie Cyr – Boston, MA	Joshua Rose – Vancouver, BC
Christine Forbes – Herndon, VA	Susan Sheldon – Santa Fe, NM
William Forsyth – Salt Lake City, UT	Rudolph Traichel – Vancouver, BC
Esther Grassian – Woodland Hills, CA	Patty Turner – Redlands, CA

ALA's **Map and Geospatial Information Round Table (MAGIRT)** presents. . .

Maps the RDA Way

Come catalog a map with us!

RDA has arrived! So have changes large and small from AACR2. However, you need not fear!

Experienced map catalogers and long-time MAGIRT members **Paige Andrew** and **Susan Moore** are prepared to assist those catalogers wanting to (or just plain needing to!) learn about RDA-based changes to cataloging cartographic materials. Participants will create brief records for two maps using an RDA work form. You will receive a **free** National Geographic Costa Rica Adventure Map and a color copy of a CIA map. You will be guided through the descriptive process, and leave having cataloged two maps!

Day & Time: **Saturday, June 29th, 1:00 PM to 2:30 PM**
Place: **InterContinental Chicago** - 505 N. Michigan Ave.
Room: **Seville East** (INTER-Seville East)
Co-Presenters: **Paige G. Andrew** - Maps Cataloging Librarian, Pennsylvania State University
Susan Moore - Cataloging Librarian/Bibliographer, University of Northern Iowa

For more information about the program and related resources, visit MAGIRT's new **Map and Geospatial Resources Guide** at http://magirt.ala.libguides.com/trainingsandpresentations!

Co-Sponsors

MAGIRT Map and Geospatial Information Round Table
AMERICAN LIBRARY ASSOCIATION
ALCTS Association for Library Collections & Technical Services

Corporate Sponsors

east view geospatial
esri
GEOGRAPHIC RESEARCH, INC.
TRF policymap

MAGIRT TREASURER'S REPORT FOR JUNE 2013

This mid-calendar-year report covers the time period from the Midwinter Executive Board Meeting held on Jan. 16, 2013 in Seattle through the April 2013 Performance Report (end of April 2013). I have not received Performance Reports (budget) from ALA for either May or June 2013 though I will present my final Treasurer's Report to the membership at the Executive Board Meeting, to be held on June 30 at the ALA Annual Conference in Chicago, probably based on May 2013 numbers.

Total revenues for the January – April 2013 period were **$2,034**, primarily from personal dues ($1,816), but also including $218 from book sales. Dues income is down $261 from a year ago at the same time, April 2012. Hopefully, we will see membership dues income rise over the final four months of the ALA fiscal year to at least keep pace with where we stood at the end of August 2012, which was $7,438, if not surpass it.

Total expenses for the period were **$813**, representing $64 in banking fees, $360 for Outside Printing (materials needed for ALA Midwinter Meeting, etc.), $213 for equipment/software (MAGIRT tape-measures for ALA Annual Conference), and $182 in "overhead;" less an $6 credit for order processing (books).

TOTAL INCOME [Sept. 1, 2012 – April 30, 2013] = **$ 7,037**
TOTAL EXPENSES [Sept. 1, 2012 – April 30, 2013] = **$ 1,664**
Current balance (income minus expenses 2012/13 ALA fiscal year) = **$ 5,368**

Total Net Assets for MAGIRT as of April 30, 2013 = **$38,535**

Finally, I will work with our incoming Treasurer, Elizabeth (Beth) Cox to develop both a Treasurer's Report to be given at the ALA Annual Conference as mentioned above, and an end-of-fiscal-year report, once we have the August 2013 Performance Report later in the summer.

Reported by Paige G. Andrew
Treasurer, MAGIRT (2011-2013)

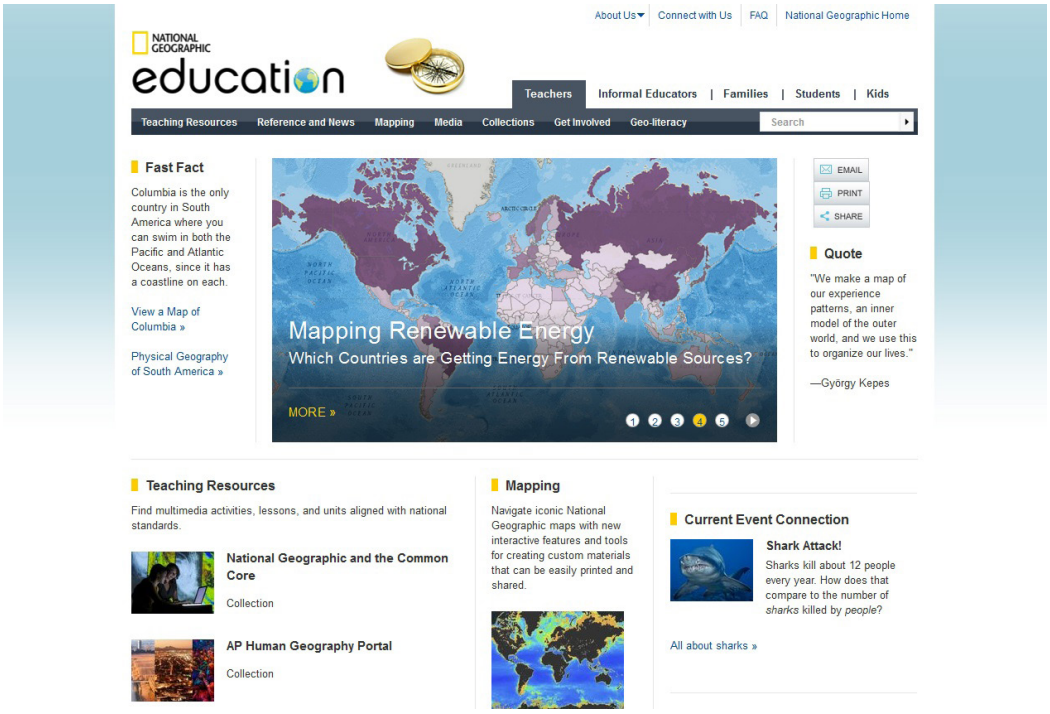
Electronic Mapping

Carol McAuliffe, Map Librarian
Map & Imagery Library, University of Florida

Online Resources for Geography Education

From geography-based games and puzzles to free online map creation tools, there are many Internet resources that can help teach students geographic perspective and spatial reasoning. Being aware of these resources can be a great asset to geographic information professionals who are interested in collaborating with the K-12 educational community. Below is a list of geography education Web sites that have useful online mapping tools and many related resources.

National Geographic: Education *(*http://education.nationalgeographic.com/) - *National Geographic Education* has games, lesson plans, excerpts from *Geography for Life: National Geography Standards, Second Edition,* and a great number of resources on geography education advocacy.



Online Mapping Highlight:

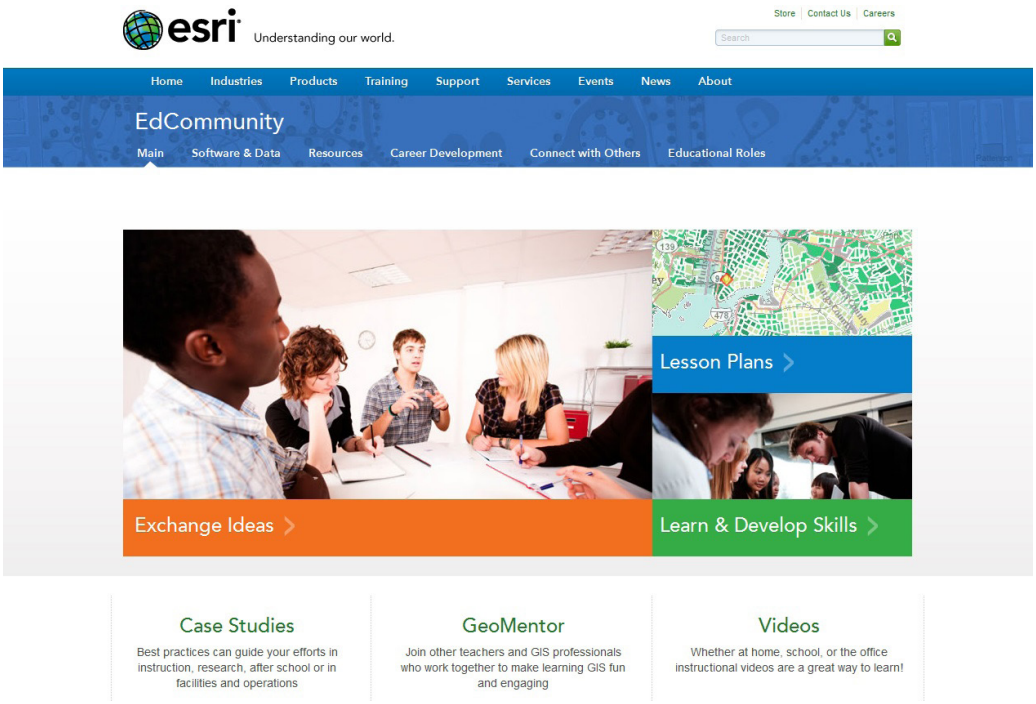
MapMaker Interactive
http://education.nationalgeographic.com/education/mapping/interactive-map/
- *National Geographic Education*'s online mapping interface allows students to create their own maps using preloaded map themes and tools to customize their maps.

National Council for Geographic Education (NCGE) Resources http://ncge.org/resources - The mission of NCGE is "to enhance the status and quality of geography teaching and learning." On their Resources page, they provide lesson ideas (especially for AP Human Geography teachers), information about careers in geography, and a comprehensive support structure that includes an annual conference and webinar program.

Online Mapping Highlight:

NCGE Webinar Program http://ncge.org/webinars - The NCGE has an active webinar program that highlight various online mapping tools which educators can use in their classrooms. While some of their webinars require a fee for nonmembers, a number are offered free of charge to the public.

Esri EdCommunity http://edcommunity.esri.com/ - *Esri EdCommunity* focuses on the number of ways that GIS can be used in the classroom. These include lesson plans, e-books, and many real world case studies showing GIS in action.



Online Mapping Highlight:

Esri ArcGIS Explorer Online http://www.esri.com/software/arcgis/explorer-online - This map creation tool provides access to a library of basemaps and additional map layers. It also gives students the ability to upload shapefiles from other sources, as well create their own layers for their map.

Google Maps: Education http://maps.google.com/help/maps/education/ - A large number of lessons, games, and other activities have been developed using Google Maps, Google Street View, and Google Earth. The *Google Maps: Education* Web site has additional ideas for classroom activities, along with helpful tutorials on how to use the various tools they offer.

Online Mapping Highlights:

Google Maps Engine Lite https://mapsengine.google.com/map/ - This brand-new map creation tool was developed to replace the My Maps / My Places feature of Google Maps. The current system limits the type of files that can be uploaded but it will be interesting to see how this site grows in capabilities.

Google Lit Trips http://www.googlelittrips.org/ - While separate from the *Google Maps: Education* Web site, Google Lit Trips offers free downloadable files for Google Earth that mark the journeys of characters from famous literature.

For additional online geography education resources, please see the MAGIRT webinar "Maps for Kids: Online Resources for K-12 Geography Education," which is archived on the MAGIRT *Map & Geospatial Resources* webpage:

http://magirt.ala.libguides.com/trainingsandpresentations

2013 MAGIRT Honors Award Recipients

The MAGIRT Honors Award is presented in recognition of outstanding achievement and major contributions to map and geospatial librarianship and to the Round Table. This year's recipients of the MAGIRT Honors Award are Colleen Cahill and Steve Rogers. Colleen is the Digital Conversion Coordinator for the Geography and Map Division, Library of Congress; as MAGIRT's Webmaster, she has successfully shepherded our Web site through three major platform transitions in the past six years. Steve is the former Map Librarian at The Ohio State University Libraries, a past chair of MAGIRT, and, since 2006, editor of our MAGIRT newsletter *base line*.

The MAGIRT Honors Awards will be presented at our awards dinner on Saturday, June 29th, in conjunction with the ALA Annual Conference. Further details about the awards dinner can be found on the MAGIRT 2013 ALA Annual Schedule page.

Congratulations to our 2013 MAGIRT Honors Award recipients!

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

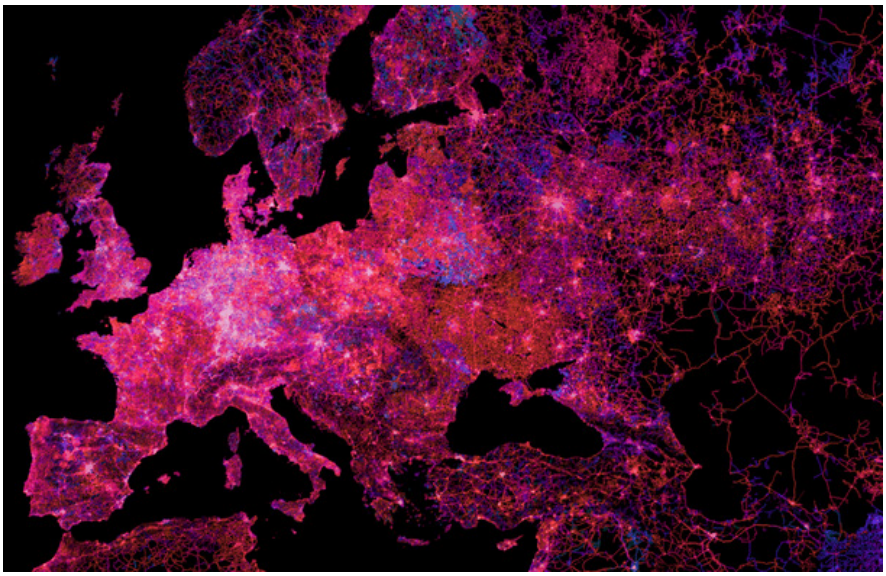
David J. Bertuca, Map Librarian
University at Buffalo Libraries Map Collection

Summer is here… Time to catch up on all sorts of things, and for many, it's the time to use the maps that we've been collecting. Summertime for me includes helping travelers with map suggestions, as well as working with professors and grad students on their cartographic research needs. This is a great way to keep up with the latest publications and online resources. It's also enjoyable.

Map Quote

"I am an agnostic on most matters of faith, but on the subject of maps I have always been a true believer. It is on the map, therefore it is, and I am."—Tony Horwitz, ***One for the Road: An Outback Adventure***

News and Ideas



Visualizing the Stunning Growth of 8 Years of OpenStreetMap
http://www.theatlanticcities.com/technology/2013/06/visualizing-stunning-growth-8-years-openstreetmap/5849/

For news on mapping practices, new concepts and uses of maps, and on sometimes unusual map projects, I've been reading the *Atlantic Magazine's* blog the Atlantic Cities: http://www.theatlanticcities.com/. Under various categories (in this case "Technology"), can be found some impressive cartographic news. The current article describes a unique power of the Internet to cover the Earth with egalitarian methods:

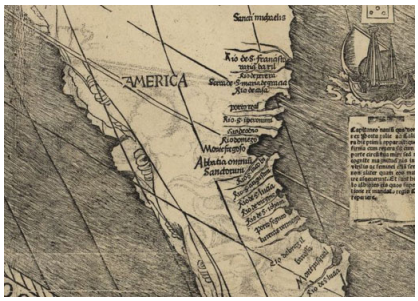
"The U.S. OpenStreetMap community gathered in San Francisco over the weekend for its annual conference, the State of the Map. The loose citizen-cartography collective has now been incrementally mapping the world since 2004. While they were taking stock, it turns out the global open mapping effort has now mapped data on more than 78 million buildings and 21 million miles of road (if you wanted to drive all those roads at, say, 60 miles an hour, it would take you some 40 years to do it)."—Article opening.

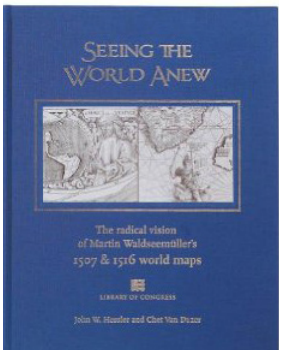
Make sure to look below the article for related stories, or for more articles on mapping. It is definitely worth returning to this site as they continue to produce regular cartographic-related articles of use for keeping up with changes and innovations, as well as trends in the world.

Even earlier articles are worth reading if you missed them. A good example is:
The Coolest New Maps of London
http://www.theatlanticcities.com/arts-and-lifestyle/2012/07/coolest-new-maps-london/2754/

This contains a series of great maps showing London themes that might not be covered anywhere else. Articles link to sources of related thematics, in this case, to the blogsite **Mapping London** (http://mappinglondon.co.uk/), which is a great resource for a variety of studies and visualizations.

Atlases





J.W. Hessler and V. D. C. A. ***Seeing the World Anew: the Radical Vision of Martin Waldseemüller's 1507 & 1516 World Maps.*** Delray Beach, Fla.: Levenger Press in association with the Library of Congress, Washington, D.C., 2012 (ISBN: 9781929154470). 112 p.: ill. (some col.), maps (some col.); 37 cm. + 2 fold. maps in pockets 70 x 125 cm.

Martin Waldseemüller is recognized for his contributions to cartography and this volume presents two special maps of his in great detail, including the 1507 map

that first used the name “America.” The text describes each section of the map, along with the cartographer’s advanced concepts in drawing these maps. There is a great deal of history and detail in the volume, and for me, the work explains much of Waldseemüller’s work in a way that I can understand. The text and illustrations are almost like having a tour of the maps with the authors.

The two folded maps show the 1507 and 1516 maps “…as Waldseemüller would have assembled them.” These are noted as the “largest authorized reproductions ever published and are presented in true color.”

Contents: Prologue: In a Renaissance Vision, a Glimpse of the Modern / John W. Hessler -- “An island surrounded on all sides by sea” : The World Map, 1507 / John W. Hessler -- “Land of Cuba, part of Asia” : The Carta marina, 1516 / Chet Van Duzer -- Epilogue: A Renaissance That Resonates Still / John W. Hessler -- Afterword / Ralph E. Ehrenberg -- The Maps: The 1507 World Map, 12 sheets, with narrative -- Composite: front pocket -- The 1516 Carta marina, 13 sheets, with narrative -- Composite: back pocket.
Includes bibliographical references.

The volume and maps are nicely bound; the reproductions throughout are sharp, with very good reproduction. The text offers a fresh view of the maps and of the man who drew them. This monograph deserves a place in any collection and would also be a beautiful gift for anyone.

Fundação Instituto Brasileiro de Geografia e Estatística. ***Atlas Do Espaço Rural Brasileiro.*** Rio de Janeiro: IBGE, 2011. (ISBN: 9788524042287; 8524042281). 1 atlas: 302 p. col. maps; 35 x 35 cm.

Brazil has transformed itself from a jungle world to agricultural state. This atlas describes the state of Brazil’s rural development and provides detailed maps on agriculture, economics, geography, water resources development, and technology

infrastructure. The maps are detailed and well-drawn, using good color and visuals. Although the text is in Portuguese, the maps can be read with occasional dictionary help to understand the themes being described.

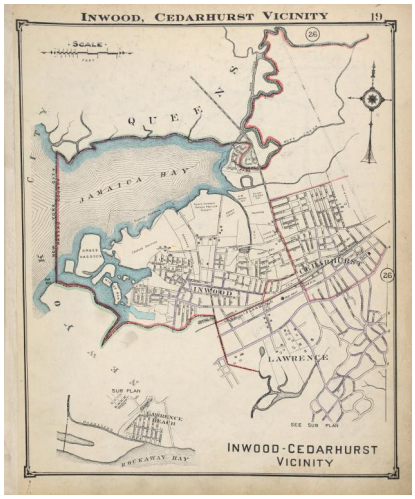
The main chapters are well-defined, with sub-topics. Short essays open each chapter, with additional text where needed. Hundreds of maps provide in-depth views, describing topics in great detail. Also included are a number of satellite maps that add to the visual descriptions. The last section shows each Brazilian state in relief with streams and rivers, population centers, and land use.

Included along with extensive references, is a glossary of terms. This will aid the English reader when working through the Portuguese text. The quality of printing and binding is good; it is softcover, but this makes viewing the large pages easier as it lays fairly flat when opened. An errata sheet is included that corrects some text and several maps. The errata sheet is full-size so that the maps appear the same as their original counterparts.

This atlas will provide useful material especially for college and professional studies in agriculture and rural development, for environmental studies, and for those who study Brazil as a nation. It is worthy of addition to a collection, even for non-Portuguese readers, partly because the maps are easy to read and understand.

As an extra feature, IBGE has an electronic copy available on its Web site: http://loja.ibge.gov.br/atlas-do-espaco-rural-brasileiro.html.

Web sites



NYPL Map Warper
http://maps.nypl.org/warper/

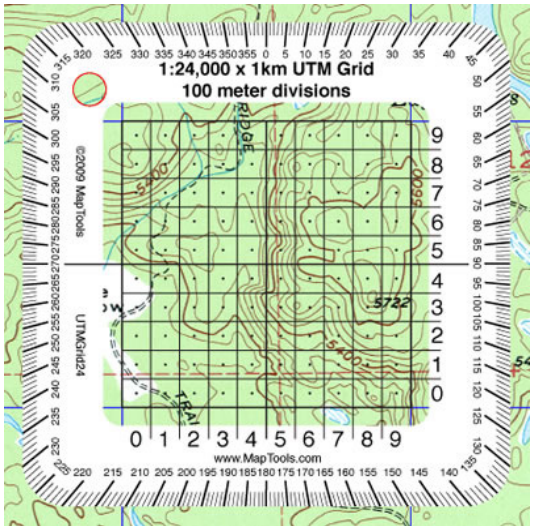
One problem facing the map producer is matching up points on maps from various eras so that comparisons can be made or so that the maps can be used

for mashups and other creations. The New York Public Library began the Map Warper to provide rectified maps to assist this process. From their main page:

"The NYPL Map Warper is a tool for digitally aligning ("rectifying") historical maps from the NYPL's collections to match today's precise maps. Visitors can browse already rectified maps or assist the NYPL by aligning a map…."

The rectified maps can be downloaded as .kml files (Keyhole Markup Language) to use in a number of map viewers. As a feature of this project, users are encouraged to rectify maps in the NYPL collection for their use so that one does not need to wait for the library to do the work in order to use a map.

For map creators, this is a great program with a large collection behind it. Google- and other map viewer creators will find this a useful site to visit.



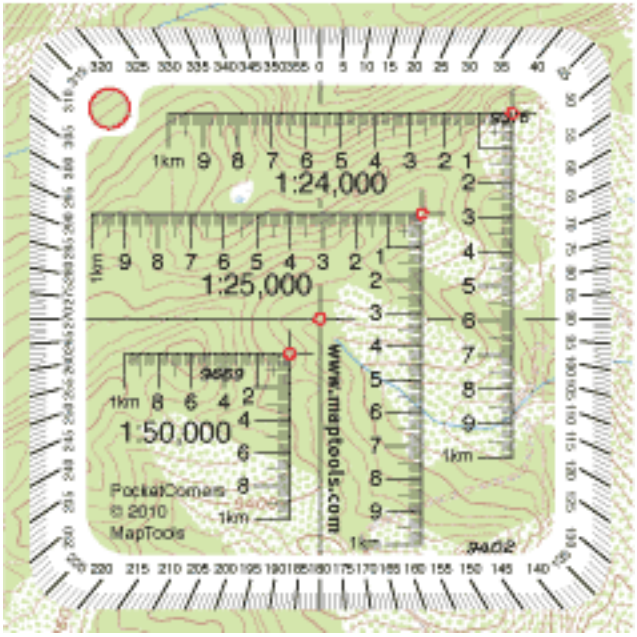
The Universal Transverse Mercator (UTM) Coordinate System
http://therucksack.tripod.com/MiBSAR/LandNav/UTM/UTM.htm

Do you ever have to explain UTM to students? Or are you trying to master it for working with maps? Maybe you are working with GPS and need to become a bit more proficient. Numerous publications and Web sites offer tutorials and explanations, but this particular resource provides a good general essay on the history and use of UTM.

This is a good place to direct patrons wanting to learn UTM for map reading, GPS use, and orienteering, etc.; it is a good place for you to pick up the basics, too.

Using the UTM/MGRS Map Coordinate System
http://www.maptools.com/UsingUTM/index.html
Of course if you really want to learn and use UTM, the Maptools Web site is

a great place to begin. There are short instructional pages and links to free, downloadable templates that you can print and use (including more than just UTM grids; there are all sorts of map reading tools). If you want, Maptools also sells plastic versions along with instruction manuals. These are well made and their instructions are clear and easy to follow.

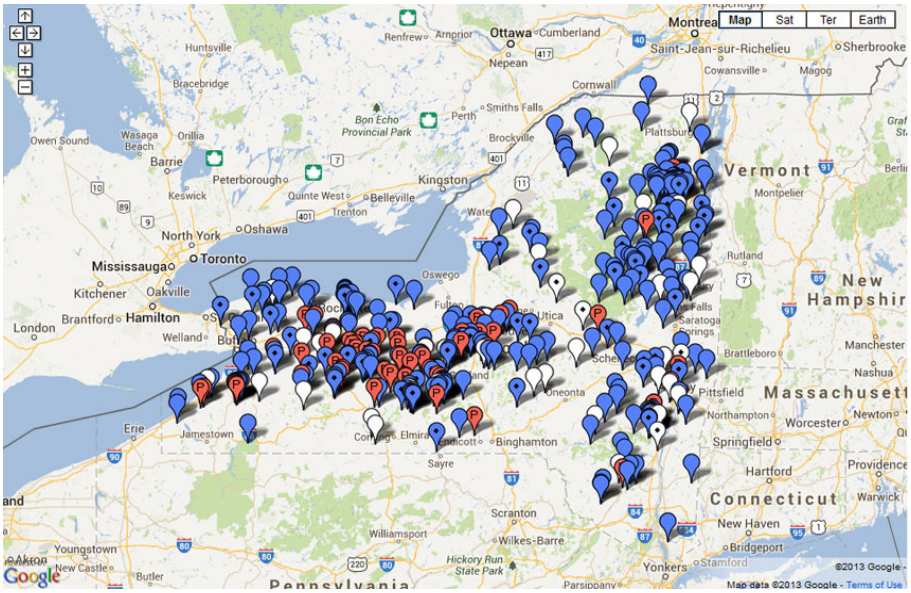


This is a great place to send people wanting to learn how to use their GPS, UTM and other map tools, or for those who need to buy the tools. They make great products that are inexpensive and that will last a long time. Their books are very good at providing clear instruction and training on using the tools and various mapping systems.

New York State Maps and Utilities (NY Falls)
http://nyfalls.com/maps/

While this Web site is designed to guide you to waterfalls in New York State, there is a great treasure cache of maps here that may be useful when you need them. Loaded onto the Web site are 7.5 minute (1:24,000), 30 x 60 minute (1:100,000), and 1 x 2 degree (1:250,000) USGS topographic maps for the state. Each scale has its own page with a map index (no labels) and title list. The maps are presented in .jpg format and are full-size, at printer resolution. At present, the 7.5-minute maps are not complete for the entire state.

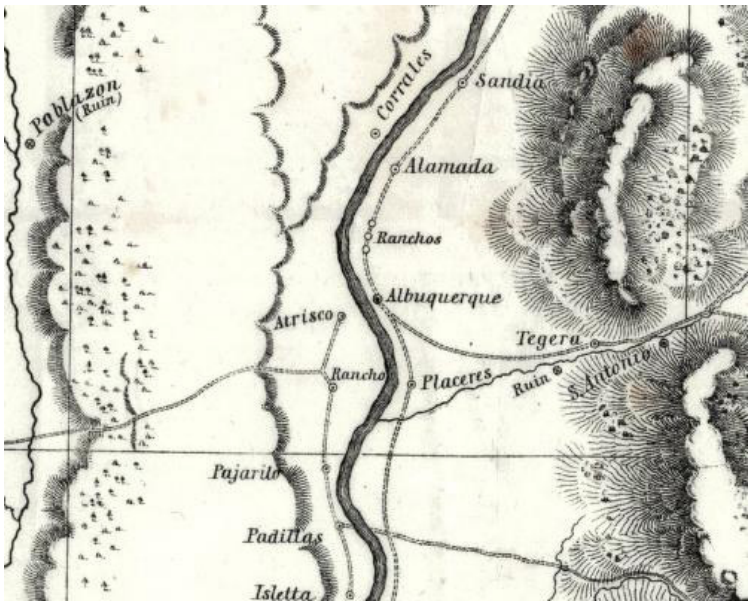
However, the interesting maps that make this site worth seeing include the one illustrated below:



Upstate New York Waterfall Map
http://nyfalls.com/waterfalls/map/

A Google map shows every waterfall in the state with pins. Selecting a pin brings up data on the falls (e.g., height, location) and accessibility. Pins are color-coordinated to show public and private properties. If URLs exist for the falls or park, these are given.

The topo maps provide simple access to commonly requested maps. The waterfall map and several others are more tuned to travel and naturalist users, though this is a good example of a mash-up that could be created for other states.

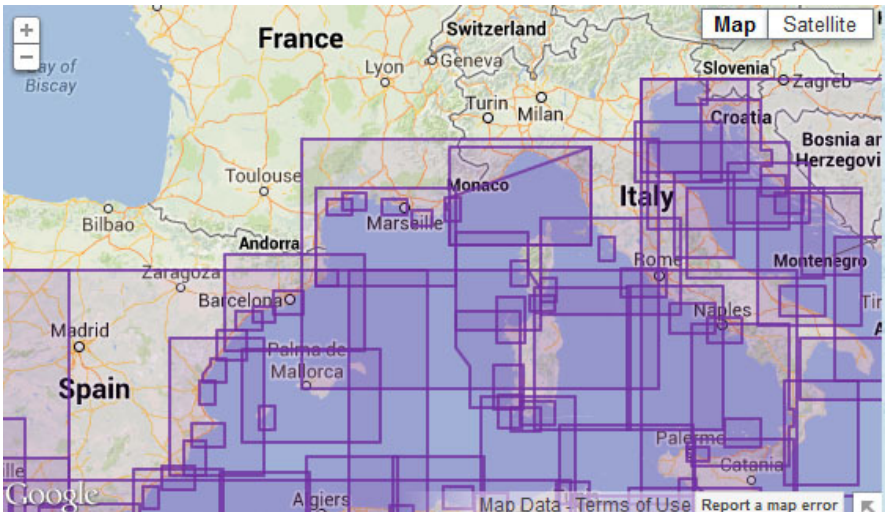


States of the United States [Historic Maps]
http://alabamamaps.ua.edu/historicalmaps/us_states/states.html

Map collections often have maps that do not relate directly to their main focus, but the Internet makes it less of an issue for users. This Web site contains a collection of historic maps listed by state. The maps are arranged by ranges of years and include all sorts of items from the eighteenth to the twentieth centuries.

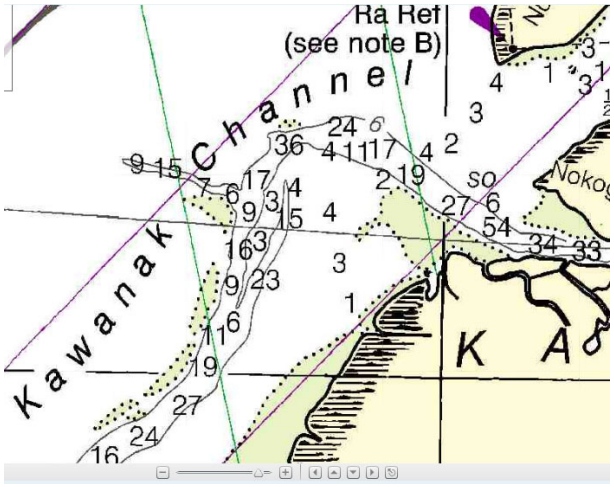
The maps may be viewed on-screen but may not be downloaded, however an option to request purchasing a copy is available. The collection's main quality is that maps that may be less common or unique can be seen, with citations to allow the user to identify each map.

These will be useful for history studies and for someone needing to view maps for a particular period of U.S. history for their region. The main page for the historic maps covers the entire world using a similar organization: http://alabamamaps.ua.edu/historicalmaps/index.html.



Nautical Charts Online
http://www.nauticalchartsonline.com/

Here is a place to view nautical charts. It is actually a catalog for ordering paper charts but for quick viewing of a chart, it is perfect. The charts are organized by producer and by continent/region. In a region search, a Google map comes up showing boundaries of maps in the inventory. You select a map by clicking on the boundary box. A checklist offers maps by different agencies or topics (e.g., NOAA or historical). This adds boxes for maps from those categories. When selected, a chart is brought up for view. The chart can be enlarged to see details, though the entire chart cannot be seen at once. Also, the map's reference data is included for ordering or use in citing the chart. With the data are links to the producer, such as NOAA, which go directly to the chart's data and a viewer, with a link for downloading a raster version.



This is useful for locating charts for research or for identifying contents. It is not for navigation, but navigators can use it to find the charts that they need to obtain.

The finding index is easy to use and very visual.

Maps Database Finder
http://lib.byu.edu/cgi-bin/SubsUtility/dbresources.pl?dbnames=maps

Brigham Young University has a database that allows you to locate maps by theme and subject. When I accessed it, I went to their Database Finder (A-Z) resource and typed in "maps" (the URL above does this for you). The list is alphabetic and gives a title and short annotation of the Web site, database, or collection it links to, along with status (e.g., public or restricted access). Links go to Web sites worldwide and cover all types of maps. Some of the links are to places you already know about, but there is enough variety that you may find some unique map places to visit. As a research tool, this could help in finding topics that may be hard to locate.

Conclusion
Enjoy your summer; for those who travel, have excellent adventures, take maps, photos, and experiences. If you are not vacationing, enjoy some maps and the places they could take you.
–DJB

New Online Resource Guide Available

MAGIRT members have been hard at work creating an online resource guide for the geospatial librarianship world. The information is free for you to use on topics ranging from geospatial data, geospatial technologies, a professional development toolkit, and recent MAGIRT activities on these subjects.

Check it out at http://magirt.ala.libguides.com/resources

MAGIRT contracted with the popular LibGuides platform by Springshare. The goal is for this guide to be useful to the profession. We invite your input and your proposals for future MAGIRT Libguides, because it is you that will make it the best resource it can be.

Kathleen Weessies
Vice-Chair
Map and Geospatial Information Round Table

Great Moments In Map Librarianship
by Jim Coombs
OKAY, THAT COVERS EVERYTHING ON THE AGENDA, SO LET'S GO AROUND THE TABLE. TELL US WHAT'S NEW IN YOUR DEPARTMENTS.
OK, WE HAVE TEXT AND CHAT FOR MAPS REFERENCE NOW!
AHEM, I'M RIGHT HERE!
CHAT, TEXT, CHAT, CHAT TEXT, TEXT ... DO YOU HAVE A MAP OFWACKYLAND?
THE MAP LIBRARIAN IS IN
© JIM COOMBS 6/13