

base line

a newsletter of the

Map and Geospatial Information Round Table

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

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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: John A. Olson, Maps/GIS/Documents Librarian, 358 E.S. Bird Library, Syracuse University, 222 Waverly Ave., Syracuse, NY 13244 Tel: 315-443-4818 E-mail: jaolson@syr.edu

Distribution Manager: Sandy Schiefer, Government Documents and Political Science Librarian, 106B Ellis Library, University of Missouri, Columbia, MO 65201-5149, Tel: 573-884-8123, E-mail: SchieferS@missouri.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: Jessica Clemons, Science Librarian and Research Funding Specialist, SUNY College of Environmental Science and Forestry, 1 Forestry Drive, Syracuse, NY 13210 Tel: 315/470-6724 E-mail: jclemons@esf.edu

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MAGIRT OFFICERS:

Chairperson:

Elizabeth Cox, Special Formats Cataloger, Morris Library, Southern Illinois University, Mail Code 6632, 605 Agriculture Drive, Carbondale, IL 62901
Tel: 618/453-5594 E-mail: bcoc@lib.siu.edu

Vice-Chairperson (Chair-Elect):

Louise M. Ratliff, Social Sciences and Map Catalog Librarian, UCLA
UCLA Library Cataloging and Metadata Center
11020 Kinross Ave., Box 957230, Los Angeles, CA 90095-7230
Phone: 310/206-5853 E-mail: lratliff@library.ucla.edu

Secretary:

Tami Morse, Associate Librarian Technical Services, University of Wyoming
Coe Library Room 635, Dept. 3334, 1000 E. Univ. Ave., Laramie, WY 82071
Tel: 307/766-6386 E-mail: tmorsemc@uwyo.edu

Treasurer:

Susan Moore, Cataloging Librarian, University of Northern Iowa
Rod Library, Cedar Falls, IA 50613
Tel: 319/273-3787 E-mail: susan.moore@uni.edu

Past Chairperson:

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

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FROM THE CHAIR

ELIZABETH COX

SOUTHERN ILLINOIS UNIVERSITY

Ten years ago, I became a member of MAGIRT. Although I attended many of the meetings at conferences and began to meet other members, it was five years before I served on committees and task forces, eventually running for two officer positions. I am now in my second month as chair of MAGIRT. I am very excited for this opportunity to serve all of you and the larger map and geospatial information community. I want to thank Paige Andrew for his leadership and hard work this past year, for mentoring me, and for his dedication to MAGIRT. His enthusiasm for our organization and for bringing new members into the leadership is something that I will strive to continue.



We had a wonderful conference in San Francisco, and I hope all of you were able to attend one or more of our many programs, meetings, and social events. A big thanks to all of our members who helped with the planning and made the conference a huge success. We started off with a tour of the amazing map collection at University of California, Berkeley, hosted by Susan Powell, followed by a lovely Thai dinner where the Honors Award was presented to Katherine Rankin for her outstanding achievements and years of service to the profession and to MAGIRT. We held many informative meetings and two exceptional programs. Summaries or minutes of these events are included elsewhere in this issue. You can also see pictures from many of these events on our [Facebook page](#).

But there is no time to sit back and relax! We are already beginning to plan for Midwinter in Boston, with our usual tour and Dutch-treat dinner. Look for information about these events soon. At Annual in Orlando, we are planning a joint pre-conference with GODORT - a follow-up to the Data Visualization program in San Francisco. If you would be interested in helping us plan any of these events, please contact me!

All of our committees, discussion groups, and interest groups were busy this past year. For example, the Education Committee presented webinars on topics such as geospatial support for digital humanities, environmental data management, and GeoBlacklight. The recordings of these can be found on the [MAGIRT Map & Geospatial Resources LibGuide](#). If you have a webinar that you would like to present or an idea for a webinar that you would like to attend, let us know! The Online Presence and Oversight Committee is responsible for the content and management of the LibGuide and our regular [website](#). I encourage you to visit both of these pages, as there is always something new!

My primary goal for the coming year is to increase the involvement of our members. I encourage all MAGIRT members to become involved at whatever level is comfortable for you. No need to wait five years like I did! Whether or not you are able to attend conferences, much of our work is done virtually between Annual and Midwinter. We are always looking for new folks to not only join our committees and discussion and interest groups but also to serve in leadership positions. Our past chair, Paige Andrew, is in charge of the Nominating Committee and has included information elsewhere in this issue. If you are interested in getting involved in a committee, running for an office, or simply have a comment or idea that you would like to share, you can contact the Executive Board collectively via e-mail at magirtbd@lists.ala.org. I look forward to working with all of you!



ON THE CATALOGING/CATALOGUING FRONT

TAMMY WONG

LIBRARY OF CONGRESS

MAGIRT Cataloging and Classification Committee (CCC) ALA Annual Conference, San Francisco, CA Sunday, June 28, 2015

Susan Moore, Chair of the CCC, called the meeting to order at 8:30 am. She welcomed all the attendees to the CCC meeting. There were 19 attendees in total. Members present: Paige Andrew, Carolyn Kadri, Nancy Kandoian, Dorothy McGarry, Iris Taylor, Jay Weitz, Tammy Wong, and Min Zhang.

1. Call to order (Susan Moore)

2. Welcome and introductions (Susan Moore)

CCC members and guests introduced themselves.

3. Membership (Susan Moore)

Susan Moore's term as CCC Chair ends with this ALA annual conference. Thanks to Susan for her leadership. The incoming Chair is Carolyn Kadri.

Susan welcomed new member Tim Kaiser to our committee. Wangyal Shawa from Princeton University is rotating off the committee. We now have a vacancy. If you are interested in joining the committee as a new member, please contact Susan.

4. *baseline* cataloging editor report (Tammy Wong)

The minutes from CCC meeting held at ALA Midwinter, on February 1, 2015, were approved as published on page 5 of the February 2015 baseline.

5. ALCTS CaMMS/MAGIRT Cartographic Materials Cataloging Interest Group report (Iris Taylor)

Please join the Interest Group for a special meeting after today's CCC meeting. Topics and presenters include:

- Descriptive Cataloging of Rare Materials (Cartographic) (DCRM(C)) An Overview – Nancy Kandoian, Map Cataloger, the Lionel Pincus and Princess Firyal Map Division, Stephen A. Schwarzman Building, the New York Public Library.

- Current G&M RDA Philosophies as reflected in the Cartographic Resources Manual – Seanna Tsung, Senior Cataloging Specialist, the Library of Congress, Geography & Map Division.
- BIBFRAME A Briefing, an Overview and an Update – Nate Trail, Digital Project Coordinator, librarian, and programmer at the Library of Congress, active in Library Standards work, such as BIBFRAME, METS, MODS, PREMIS, and ALTO data standards. Worked on the Linked Data site id.loc.gov and is leading the team developing a new vocabulary and serialization for library data compatible with the Web, at bibframe.org.

6. Anglo-American Cataloguing Committee for Cartographic Materials report (Susan Moore)

ALA is anticipating that the manual Cartographic Materials will be out of print in August 2015. If you do not have a copy of Cartographic Materials, consider purchasing one before August 2015.

7. ISBD report (Dorothy McGarry)

Revision of the ISBD was to begin this year, but has been delayed because a couple of people on the SC wanted to discuss further the purpose and depth of statements in the ISBD. There will be a discussion in Cape Town in August, and then hopefully revision will proceed as planned. A subgroup continues to work on linked data aspects related to the ISBD and mapping between the ISBD and FRBR has been worked on. Previously mapping was done between the ISBD and RDA in terms of linked data and the Semantic Web.

8. CC:DA report (Min Zhang)

The agenda includes reports from the Chair, Representative of the Library of Congress, the ALA Representative to the Joint Steering Committee, proposals from the TF on Machine-Actionable Data Elements in RDA Chapter 3, RBMS, OLAC, and from the TF to Investigate the Instructions for Recording Relationships in RDA.

- Proposal from the TF on Machine-Actionable Data Elements in RDA Chapter 3.
- http://alcts.ala.org/ccdablog/wp-content/uploads/2015/06/tf-MADE_RDA-Chap3-rev2015-06.pdf

The proposed change allow for better machine manipulation on recorded data elements. There is a community consensus that such elements are needed to contain machine-actionable data.

- Addition of New Chapter 3 Elements for Optical Disc Physical Standard, Optical Disc Recording Method, and Optical Disc Data Type.
- <http://alcts.ala.org/ccdablog/wp-content/uploads/2015/06/OLAC-2015-1.pdf>

The proposal covers three basic characteristics of optical discs: the physical standard of the disc (technical specification), the recording method (how the data record on the disc), and the type of

data (audio, video, application) on the disc. It is a revised version of the 2012 proposal (6JSC/ALA/16). RDA's lack of guidance for recording anything about the first two characteristics is an ongoing problem. The proposed solution is welcomed by many members.

Minutes of the 2015 ALA Midwinter Meeting in Chicago, Illinois. January 31 – February 2, 2015
<http://alcts.ala.org/ccdablog/wp-content/uploads/2015/06/min201501.pdf>

Chair's report

<http://alcts.ala.org/ccdablog/wp-content/uploads/2015/06/CCDAChair2014-201506.pdf>

Report of the LC Representative, June 2015

<http://alcts.ala.org/ccdablog/wp-content/uploads/2015/06/LC-2015-06.pdf>

Report of the ALA Representative to the Joint Steering Committee

<http://alcts.ala.org/ccdablog/wp-content/uploads/2015/06/JSCrep-kpg-2015-6.pdf>

CC:DA agenda:

<http://alcts.ala.org/ccdablog/?p=2053>

9. LC Geography and Map Division report (Min Zhang)

Geography and Map Division Report for ALA Annual, 2015

- Dr. Billington to Retire Effective 1/1/2016: James H. Billington, the 13th Librarian of Congress, Wednesday announced to staff in a video address that he will retire effective January 1, 2016. The Gazette published a transcript of his remarks and reactions from key Members of Congress.
- We have finished interviewing and selecting process for two new catalogers. We expect them to report to the division by the end of June. A new cartographer will join our division, too.
- The G&M Division and the Philip Lee Phillips Map Society hosted the Division's annual spring conference, which this year was devoted to "Finding the Antipodes: The Cartographic History of Polar Exploration from 1500 to the Present" – May 14, 2015.
- RDA relationship designators in bibliographic records: LC's RDA catalogers will implement the new "Training Manual for Applying Relationship Designators in Bibliographic Records" produced earlier this year by the PCC Standing Committee on Training. While many LC catalogers already provide relationship designators that meet or exceed the PCC requirements (relationship designators for all creators), all LC catalogers will be asked to do so beginning on July 1, 2015. The PCC continues to work on guidelines for the use of relationship designators in authority records.
- Proposals for new and revised genre/form terms. PSD is not currently accepting proposals for new and revised terms in the areas of music, literature, religion, or the "general" terms (e.g., handbooks, dictionaries), but continues to accept proposals in the areas of moving images, non-musical recorded sound, cartography, and law.

10. OCLC report (Jay Weitz)

Jay Weitz distributed the full OCLC report to the committee members and guests. Excerpts from the report of OCLC of interests to map catalogers appear below.

News From OCLC
Compiled by Jay Weitz
For the American Library Association
Annual Meeting
San Francisco, California
2015 June 26-30

Cataloging and Metadata

OCLC-MARC Update 2015

The 2015 OCLC-MARC Update will implement MARC 21 Bibliographic, Authority, and Holdings format changes announced in MARC 21 Updates No. 19 (October 2014; <http://www.loc.gov/marc/up19bibliographic/bdapndxg.html>) and No. 20 (April 2015; <http://www.loc.gov/marc/bibliographic/bdapndxg.html>), including:

- Defining code “q” (Lease) in the Holdings 008/07 (Method of Acquisition).
- Removing “university presses” as part of the definition of Government Publication in the Books, Computer Files, Continuing Resources, Maps, and Visual Materials Bibliographic 008/28 and 006/11 (GPub) elements.
- Implementing the First Indicator (Source of Acquisition Sequence), subfield \$3 (Materials Specified), and subfield \$5 (Institution to which Field Applies) in Bibliographic 037 (Source of Acquisition).
- Implementing subfields \$q (Establishment Date) and \$r (Termination Date), and redefining subfields \$s (Start Period) and \$t (End Period), in Authority 046 (Special Coded Dates).
- Broadening the scope of Bibliographic 088 (Report Number) to include series report numbers.
- Implementing Bibliographic 370 (Associated Place).
- Implementing subfield \$e (Number of Ensembles) and making subfield \$s (Total Number of Performers) Nonrepeatable in both the Bibliographic and Authority 382 (Medium of Performance) fields.
- Implementing Bibliographic and Authority 388 (Time Period of Creation).
- Invalidating the First Indicator in Bibliographic field 648 (Subject Added Entry: Chronological Term).
- Implementing field 884 (Description Conversion Information) in the Bibliographic, Authority, and Holdings formats.
- Implementing the repeatable subfield \$g (Miscellaneous Information) or making it repeatable in some 22 Bibliographic fields and 24 Authority fields.
- Implementing subfield \$i (Relationship Information) in thirteen 7XX Authority fields.
- Implementing subfield \$4 (Relationship Code) in fourteen 7XX Authority fields.

We will also make additions to WorldCat indexing, validate all MARC Codes defined by LC since July 2014, and implement subfields \$8 (Field Link and Sequence Number) in some 46 Bibliographic fields. In conjunction with our ongoing work to update Bibliographic Formats and Standards (BFAS) to incorporate RDA, we are harmonizing BFAS, WorldCat validation, and MARC 21 as to subfield validity and repeatability in both the MARC-defined and the OCLC-defined 1XX, 6XX, 7XX, and 8XX fields. All details will be available in an upcoming OCLC Technical Bulletin. We plan to install the OCLC-MARC 2015 Update during the third quarter of calendar year 2015 and will make announcements widely through the usual discussion lists and Connexion logon greetings.

New Addition to the Dewey Decimal Classification (DDC) Editorial Team

OCLC is delighted to announce the appointment of Dr. Carol A. Bean as associate editor of the Dewey Decimal Classification (DDC). Carol comes to us from her position as Senior Research Scientist at the Center for Biomedical Informatics Research at Stanford University, the culmination of an illustrious career combining medical informatics and knowledge organization. The medical informatics perspective is evident in positions Carol has held as research information scientist, biomedical informatics program officer, and chief enterprise terminology officer within the (U.S.) National Institutes of Health (NIH) and as director of the Office for Certification in the Office of the National Coordinator for Health IT (ONC). The knowledge organization perspective is visible through a faculty appointment in the School of Information Sciences of the University of Tennessee, where Dr. Bean taught courses in cataloging and classification, abstracting and indexing, and health care informatics. Carol's research and publications have focused on, inter alia, relationships in knowledge organization systems (KOS), creating mappings between KOS, semantic interoperability, information extraction from medical texts, and topical relevance relationships. She holds graduate degrees in biopsychology (University of Georgia), information science (University of Maryland), epidemiology/biostatistics (University of California), and medical informatics (Columbia University). Carol is based in the Dewey Editorial Office at the Library of Congress. Please join us in welcoming Carol to the Dewey editorial team.

11. MARC Advisory Committee report (Susan Moore)

The MARC Advisory Committee met twice during conference. Discussion Paper 2015-DP02 raised the issue that the 007 field positions for sound recordings are still weighted toward tangible items with few options for digital sound recordings. A proposal will be coming back at the Midwinter conference and the cartographic cataloging community may want to keep up on developments to see if a similar approach should be taken for digital cartographic resources.

An informal discussion paper on the use of URIs in MARC and the need for best practices was presented. There was a good deal of discussion generated. The Committee advised the author that the Committee provides for the input of information into MARC records but do not specify whether or not the information has to be coded in a MARC record. We encouraged the author to

expand the discussion with groups like the Program for Cooperative Cataloging that have a more direct impact on what information is required.

All the proposals passed.

12. RBMS/DCRMC report (Nancy Kandoian)

The editorial group of DCRM(C), Descriptive Cataloging of Rare Materials (Cartographic), has been working through comments submitted pertaining to their “close reading” draft of December 2014. We appreciate the comments sent in by members of MAGIRT, including Paige Andrew and Dorothy McGarry. Comments were also submitted by CC:DA and LC. We hope to complete work on those this summer, and then the last hurdle before publication will be a review by the Bibliographic Standards Committee of RBMS. As you may remember from previous reports, the publication will be online only. The modules already published are for Books, Serials, and Graphics. The modules, besides Cartographic, that are on the verge of publication are for Music and Manuscripts. For links to all of these, please see <http://rbms.info/dcrm/>. The link to the DCRM(C) wiki, including the latest draft, is <http://dcrmc.pbworks.com/>.

As mentioned before, the ACRL/RBMS Descriptive Cataloging for Rare Materials Task Force working on the consolidated harmonization of DCRM with RDA maintains a wiki at <http://dcrmrda.pbworks.com/>. The RBMS Bibliographic Standards Committee’s interim guidelines on how to approach RDA in the rare materials cataloging environment are at <http://rbms.info/dcrm/rda/> but these do not yet include cartographic-specific advice.

At ALA Annual, the Workshops Committee of RBMS accepted the proposal of some members of the DCRM(C) editorial group to present a workshop on applying DCRM(C) at the 2016 RBMS conference in Coral Gables, Florida, just preceding the ALA Annual Meeting in Orlando. Please stay tuned for more information. For now, the basic information about that conference is at <http://www.preconference15.rbms.info/events/rbms-2016-coral-gables-fl/>.

There has been much good feedback on the recent online publication of the new edition of [Standard Citation Forms for Rare Materials Cataloging](#). Users are encouraged to [submit proposals](#) for citations for additional works to be included. For us, that would mean citations to additional cartobibliographies. I’d welcome any questions about how to make use of this resource in cataloging early cartographic materials.

13. Old business

The Task Force on Best Practices for Cataloging Cartographic Resources Using RDA shared the draft documentation with CCC members and guests.

The name of the current version of the documentation has changed from “Best Practices for Cataloging Cartographic Resources Using RDA” to “Guidelines for Cataloging Cartographic Resources Using RDA”. They received comments from Carolyn Kadri in regard to the use of

relationship designators in 1XX fields. The document will be uploaded to ALA Connect, a wiki on the ALA website. Comments and feedback are welcomed. Send them to Susan or CCC members by July 31.

14. Announcements

Nancy Kandoian announced that the New York Public Library is hiring a map cataloger (NEH Grant) to work with antiquarian maps of the United States. The job description is listed in the NYPL website.

Paige Andrew, the co-editor of the *Journal of Map & Geography Libraries: Advances in Geospatial Information, Collections & Archives* is now accepting papers for future issues. Please contact Paige or Kathy Weimer for more information.

15. Adjournment

The meeting was adjourned at 9:30 am.

Respectfully submitted,

Tammy Wong



**MAGIRT is pleased to announce the following
officer and committee chair positions**

Vice-chair: Louise Ratliff

Treasurer: Susan Moore

Cataloging and Classification Committee Chair: Carolyn Kadri

Education Committee Chair: Anne Zald

GeoTech Committee Chair: Nicole Kong

Membership Committee Chair: Mia Costa

Map Collection Management Discussion Group: Carol McAuliffe

Liaison to RBMS: Margaret Gamm

Terms of Office will begin immediately after the Annual Conference in San Francisco.



Passing the MAGIRT gavel from Paige Andrew to Beth Cox, Annual 2015

MAGIRT Honors Award for 2015 awarded to Katherine Rankin

The MAGIRT Honors and Awards Committee selected Katherine Rankin as the 2015 recipient of the MAGIRT Honors Award. This award is presented in recognition of outstanding achievement and major contributions to map and geospatial librarianship and to the Round Table.

The nomination statement submitted to the Selection Committee noted Kathy's long-standing membership in MAGIRT and admirable service to the cartographic community for a number of years. Her liaisonship with the Western Association of Map Librarians since 2004 has made it possible for MAGIRT's relationship with WAML to become closer in recent years, most notably in the form of jointly sponsored programs and webinars which we hope to continue.

At the 2014 ALA Annual Conference was held in Las Vegas we leaned heavily on Kathy as our unofficial Local Arrangements Coordinator. The tour of the UNLV Special Collections was well attended and appreciated, as was MAGIRT's Friday night social event. Kathy reprised her 1996 article "Helpful Hints for Small Map Collections," into the 2014 MAGIRT sponsored program "The Accidental Map Librarian." Her knowledge base is timeless and meshes perfectly with MAGIRT's primary purpose – to support the educational and professional needs of map librarians, particularly those in charge of small collections or who only have responsibility for maps as a small portion of their duties.

The Awards Reception was held at the American Library Association Annual Conference, on Friday June 27, 2015 in Berkeley, California. The award is not bestowed every year, as the committee needs to see a nomination worthy of the honor.



Kathleen Weessies presents the MAGIRT Honors award to 2015 recipient Kathy Rankin. (Photo by Beth Cox)

30cm Precision Aerial, 50cm Pléiades, 50cm GeoEye,
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SUMMARY OF MAGIRT FORMAL PROGRAMS DELIVERED AT THE 2015 ALA ANNUAL CONFERENCE

In recent years MAGIRT has hosted/sponsored a single formal Program for not only our own members but any ALA member interested in the topic. In a return to how things were done some time ago, in 2015 we hosted or co-sponsored *two* formal programs, with very successful outcomes. Here's a brief summary of the two programs, both held on Saturday, June 27th at the Moscone Convention Center in San Francisco, during the 2015 ALA Annual Conference.

Open Context and its Role in Research Data and Publication was hosted and sponsored by the MAGIRT GIS Discussion Group, with leadership from Katherine Weimer, Angie Lee and Andy Rutkowski in putting the program together and successfully delivering it (though with an unexpected glitch). The one-hour event overall was a great success, with approximately 75 in attendance midway through, though one of the speakers who intended to deliver his presentation using Skype from Italy was unable to do so because of technical difficulties with the signal. That said, presenters Dr. Eric Kansa, from UC-Berkeley, who developed and helps run the website Open Context, and a scholar who has used it to publish and organize archaeological field data in geospatial realms, Dr. Anne Austin of Stanford University, did a fantastic job.

Ms. Austin lead off the session and shared her personal experiences as a researcher who uses Open Context, a website tool that “reviews, edits, and publishes archaeological research data and archives data with university-backed repositories, including the California Digital Library” <http://opencontext.org/>.

Eric was due next to share information about the Open Context site and its capabilities, but because he was sidelined by Skype's volatility Anne stepped in and – working with his Powerpoint slides – did a fantastic job of delivering information about the Open Context architecture and features, and more. There were many excellent questions and follow-up points made after the presentation.

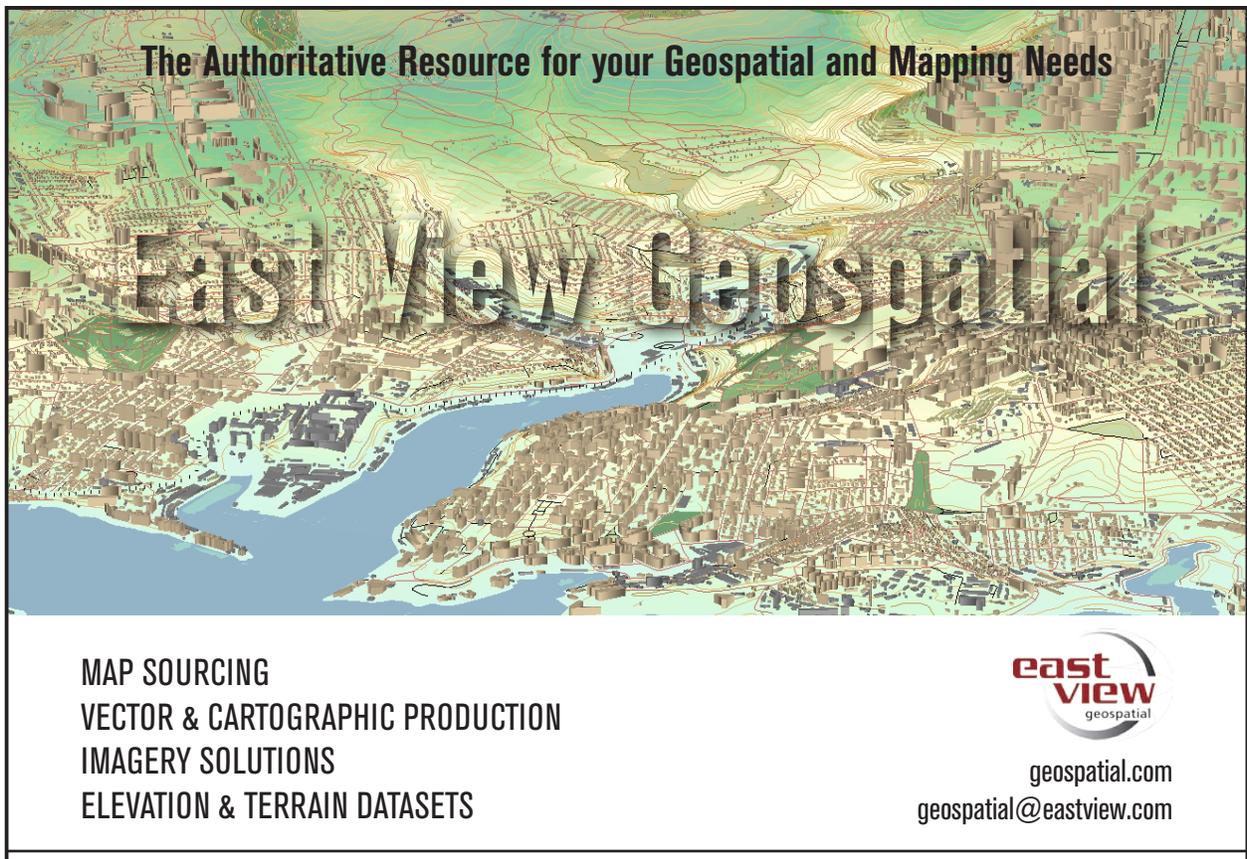
Data Visualization in the Library: Collections, Tools, and Scalable Services was co-sponsored by MAGIRT and the Government Documents Round Table, or GODORT. Planning, organizing, and delivery of this program was achieved by a combination of leaders and members of both round tables. This session was three hours in total and because of its length the round tables both chipped in funds to provide beverages and snacks during a 30-minute interlude between the two 90-minute segments.

Data visualization, the use of graphical techniques to better communicate complex geographic and statistical information, is used to interpret the results of data analysis more clearly and to a wider audience. Justin Joque, Visualization Librarian at the University of Michigan and Angela Zoss, Data Visualization Coordinator at Duke University delivered a solid performance about these techniques that are being used by a wide range of disciplines and answered the following

question: What are the implications of these tools and techniques for library users? The speakers tag-teamed to describe the landscape of data visualization, current and possible library services, and patron expectations; and then provided an overview of the available tools and the criteria used for choosing one or more of these tools to use with the accompanying datasets. Throughout the Program the speakers provided plenty of opportunity for an open discussion about libraries services as they relate to data visualization and similar topics.

It should be noted that at the height of counting (naturally some folks could not stay for the entire program and thus we had people coming and going) there were well over 200 attendees from a wide range of librarian types and ALA units. MAGIRT and GODORT are now working towards taking this Program to the next higher step and delivering a pre-conference hands-on workshop at the 2016 Annual Conference in Orlando. Stay tuned!

Paige Andrew
Past Chair, MAGIRT



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The advertisement features a 3D topographic map of a city and surrounding areas, with the company name 'EAST VIEW GEOSPATIAL' rendered in large, semi-transparent letters across the center. The background shows terrain contours, buildings, and a body of water. The text is arranged in a clean, professional layout with a white background at the bottom.

FOR IMMEDIATE RELEASE
July 26, 2015
Geoscience Information Society
Contact Shaun Hardy: 202-478-7960
E-Mail: shardy@ciw.edu

NEW GUIDELINES RELEASED FOR GEOLOGIC FIELD TRIP GUIDEBOOKS

The Geoscience Information Society (GSIS) has released new guidelines for authors, editors, and publishers of geologic field trip guidebooks. The document is available for free downloading on the Society's website at <http://www.geoinfo.org/guidebooks.html>.

Guidebooks are a significant contribution to geoscience literature and are often the most current, or only available, synopsis of an area's geology. But incomplete bibliographic information and non-standard formats can make them difficult for researchers to locate and use, and problematic for libraries to acquire. "We looked at all aspects of guidebooks – format, content, distribution, accessibility – in coming up with this new set of recommendations," said Linda Musser, chair of the GSIS Guidebooks Standards Committee. "The title page information, road logs, GPS coordinates, index maps, illustrations, all of these elements influence the usefulness of a guidebook."

Guidelines for Authors, Editors, and Publishers of Geologic Field Trip Guidebooks was last revised in 2005. The current revision incorporates specific recommendations for guidebooks issued in digital formats.

A free aid to locating field trip guidebooks, the *Geologic Guidebooks of North America* database, is compiled by members of the GSIS and supported by the American Geosciences Institute. More than 12,000 field trip references are included. Coverage is being expanded to include areas outside North America. The database may be accessed at <http://www.americangeosciences.org/georef/geologic-guidebooks-north-america-database>.

The Geoscience Information Society is an international professional organization devoted to improving the exchange of information in the earth sciences. The membership consists of librarians, editors, cartographers, educators, and information professionals.

Shaun J. Hardy
Publicity Officer

Geoscience Information Society
c/o American Geosciences Institute
4220 King Street
Alexandria, VA 22302-1502
tel 202-478-7960
e-mail shardy@ciw.edu

National Geospatial Advisory Committee meets in Washington

The National Geospatial Advisory Committee (NGAC) met in Washington, DC on June 9-10, 2015. The full report of the meeting including the powerpoints from the subcommittees and lightning sessions are available on the [NGAC Website](#). The NGAC is a Federal Advisory Committee that reports to the Federal Geographic Data Committee (FGDC). Our role is to provide advice and recommendations related to the national geospatial program and the development of the National Spatial Data Infrastructure.

The group started out the meeting by discussing what's trending in geospatial these days. We noted that geospatial data are becoming much more tailored to the consumer and that people now expect it to be a part of how we live our lives each day. We carry maps in our pockets on our phones, we track where we run, we tag interesting places, and we georeference maps while waiting for the bus. Privacy concerns are never far from our thoughts be it with the availability of location addressing or the concerns about how drones will be used. We also noted that technology is making it easier to teach people about geospatial concepts and technologies at a earlier stage in their educational life. Geospatial information and tools are ubiquitous leading one member of the group to say, "We may not be special anymore, but we're still spatial!"

Jennifer Gimbel, the Principal Deputy Assistant Secretary for Water and Science, asked the NGAC to develop a set of recommendations that the work that should be done by the FGDC in the next 18 months prior to the change in administration. The group recommended the following:

1. Data Initiatives

- National Address Database: Develop and implement approach for a National Address Database. Ensure governance & funding models meet needs of major stakeholders.
- 3D Elevation Program: Make significant advancements in the 3DEP initiative. Secure funding commitments for enhancement and institutionalization of the program.

2. Communications Strategy

- Finalize and implement national communications strategy for NSDI and Geospatial Platform.
- Seek input and engagement from NGAC and non-Federal partners in developing goals, messages and approaches
- Develop a variety of effective and adaptable tools - videos, social media, web presence, etc.

3. Geospatial Platform

- Make significant advancements to further develop and institutionalize the Geospatial Platform.
- Continue to collaborate with external partners on communities, shared services, etc.

4. Transition Strategy

- FGDC work with NGAC to develop options/proposals for next Administration
- May include strategic approaches - new strategic plans for NSDI, National Map, etc.
- May include new programmatic and partnership approaches.

A [National Address Database Summit Meeting](#) was held on April 8-9, 2015 with 58 participants and 25 observers including federal, state, local, tribal, private, non-profit, and trade organizations. The goal was to identify and discuss possible options for developing a National Address Database. The Summit was recapped in two [blog posts](#), one by the National States Geographic Information Council (NSGIC), who stated that the objective was doable and that the United States is well underway to sustain this effort. All presentations and reports are on the main website for the Summit Meeting.

The Crowdsourced Data Subcommittee convened a spotlight session on crowdsourced data. Alex Barth from OpenStreetMap (OSM) gave an overview of OSM. Two Presidential Innovation Fellows spoke - Lea Shanley at NASA on citizen science and Mikel Maron at the State Department on OSM for government. Interesting projects that were discussed included:

- [MapGive](#), an initiative of the U.S. Department of State's Humanitarian Information Unit, that allows volunteers to learn to map and then get involved in online tasks such as mapping parts of Nepal, Liberia, and Malawi.
- [TeachOSM](#), an online resource to help educators introduce people to open source mapping using OpenStreetMap.
- [Nature's Notebook](#), a project that allows the general public to submit observational record of plants and animals. In 2014 volunteers recorded more than one million observations.

The NGAC continues to follow the [Geospatial Data Reform Act](#) in the Senate sponsored by Mark R. Warner (D-VA) and Orrin Hatch (R-UT) "to improve oversight and reduce duplication in the management of geospatial data." The bill is now in committee.

The next meeting of the NGAC will be in September 2015 in Shepherdstown, West Virginia.

[Julie Sweetkind-Singer](#)

Assistant Director of Geospatial, Cartographic and Scientific Data & Services, Head of the Branner Earth Sciences Library & Map Collections

sweetkind@stanford.edu

(650) 725-1102



Seeking New MAGIRT Leaders to Carry Us Forward

Even though we have two new officers (Vice-Chair, Louise Ratliff; and Treasurer, Susan Moore) just now settling into new roles and routines, as well as several new Committee chairs and a new Discussion Group leader it is never too early to begin thinking ahead to MAGIRT's future. When we begin a new year in July 2016 we will need to fill two of our officer positions, committee chair slots, and one or more Discussion Group/Interest Group leader positions.

I am writing, as part of my stated duties "to assure continuity in leadership in MAGIRT", to ask my fellow MAGIRT members to consider stepping into a leadership role in the coming year – and for you to know whom to contact to share that interest, me or any member of the MAGIRT Executive Board. Officer, etc. positions that will be open next year include:

Officers: Vice-Chair; Secretary

Committee Chairs: Publications; Online Presence Oversight

Discussion Group Leader: GIS Discussion Group

Interest Group Leader: ALCTS-CaMMS/MAGIRT Cataloging Cartographic Resources IG

Of course, at any time a leadership opening could occur and if that happens I will be asking once again for volunteers to step up. I look forward to hearing from many of you willing to join the leadership team that will carry MAGIRT to future successes!

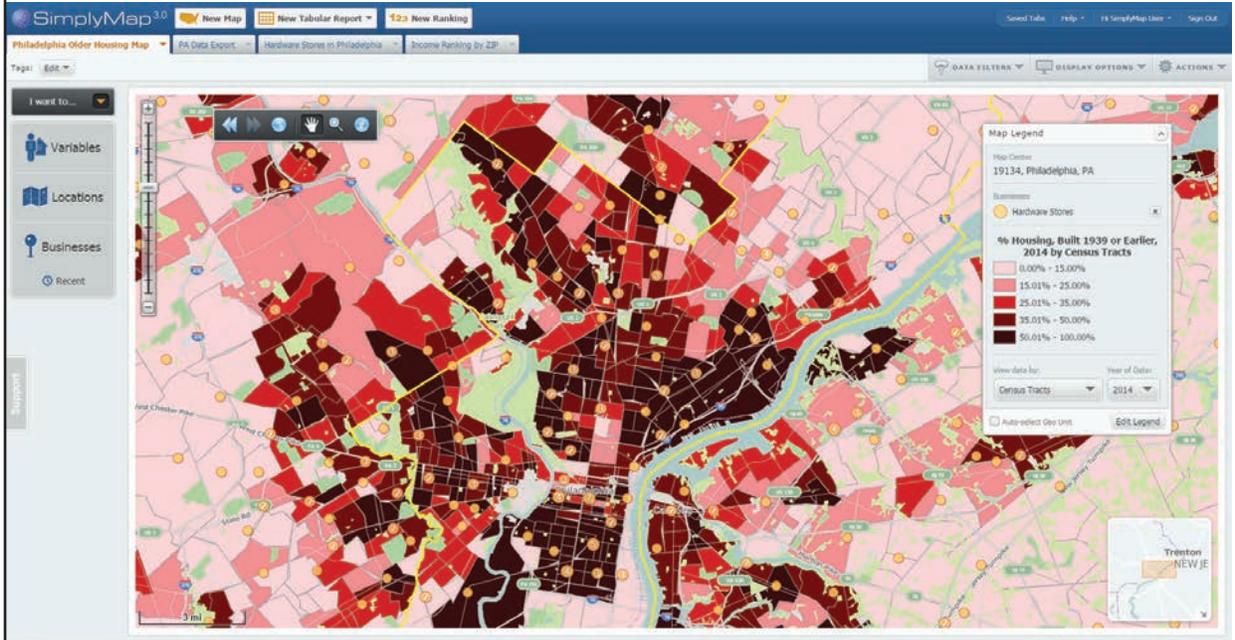
Paige Andrew

Past Chair and Chair, Nominations and Awards Committee





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MAGIRT Executive Board

Monday, April 6, 2015 via Zoom

In Attendance: Paige Andrew (Chair), Beth Cox (Vice Chair), Tami Morse (Secretary), Mike Smith (Treasurer), Susan Moore, Wade Bishop, Jessica Clemons, Pete Reehling, Angela Lee, Sandy Schiefer

Absent: Kathleen Weessies

Call to Order

Officer Reports

Chair (Paige) – Paige asked those present to be sure to provide ideas to Beth about what kind of Honors Award function we would like to do this year in San Francisco. In the past we have done a dinner or a reception, we're not limited to those two options. Please give all ideas to Beth to work with.

Thanks to Kathleen introducing Paige to several vendors during the Midwinter meeting in Chicago he has reached out to them with formal letters asking for donations to help offset our conference costs. Esri has already verbally committed, and Policy Map has committed at a \$1250 level! He is waiting for replies from three other companies, and also plans on pursuing 6-8 other vendors in the near future.

Paige reminded everyone of John Olson's recent note about the upcoming deadlines for the April issue of *base line*, urging them to get materials to him as quickly as possible.

Vice Chair (Beth) – Beth reported that plans for the Annual Conference in San Francisco are progressing well. We will hold our awards dinner in Berkeley after the field trip to the UC Berkeley Libraries.

ALA Strategic Planning is asking that all ALA subunits participate in the current strategic planning process. They have developed an introductory guide on leading strategic planning discussions, similar to the discussion Beth participated in at Midwinter. The deadline for contributions is July, 2015. The Exexutive Board (EB) discussed how best to involve the MAGIRT membership in this process; should we call a meeting at Annual, should we conduct a discussion using ALA Connect, or should we conduct an online forum or discussion using a different platform? The Board agreed that an in-person meeting at Annual was probably not feasible and wouldn't reach many of MAGIRT's members, so an online discussion seems best. Logistics for carrying this out have yet to be decided.

Donating to Emerging Leaders program: Donating to Emerging Leaders program: members of the Chair Trio recently went back through the cycle of when we provide a monetary donation to the Emerging Leaders Program of ALA versus when we connect with the Program to apply

to have a project considered by members of the Program. We determined we are in the cycle for the latter, we will need to brainstorm possible project ideas in time to do an application in September. In the meantime, this Board approved a donation to the Spectrum Scholarship fund earlier this year, though we are not sure the funds have been transferred yet.

Secretary (Tami) – Minutes from the Executive Board meetings on Jan. 20 and Feb. 1, 2015 were approved. Tami reported on progress with ALAIR: the ALA Archives staff have created one collection for MAGIRT, and Tami has submitted one item containing the agenda and minutes from the Dec. 5, 2014 EB meeting. The submission process was straightforward. The Board discussed whether or not to archive the recordings we have been making of our meetings and decided against it. Tami will make a few more submissions to test the process. Once this is done, members of the EB can test access to the materials and evaluate their usability and findability within the ALAIR.

Treasurer (Mike) – See the full Treasurer’s report in the April issue of *base line*.

Past Chair (Paige reporting for Kathleen) – We have candidates for all open positions for the upcoming election. Louise Ratliff consented to run for Vice Chair, but due to a timing issue her name does not appear on the ballot. Paige reminded us to write her name in for this position.

Discussion Items

- A. Paige received a message from Matt Knutzen, Geospatial Librarian at the New York Public Library, about a presentation he will be making at Annual. He was looking for a forum to make an announcement about an NEH-funded project called Mapping the Nation, and wondered if MAGIRT would be interested in including him in one of our programs. Pete volunteered the GeoTech time slot for his announcement. Paige will reply to Matt, asking for more specifics (how much time he needs, does he require any tech or A/V equipment) so we can accommodate him.
- B. Proposed new Map Collection Management Standards doc. to assist the USGS Libraries/ others (Paige, for Marcy): The idea for proposing that a new “Map Collections Management Standards” document be created arose from an email message posted by Christopher JJ Thiry on MAPS-L about possible downsizing of his library a bit before the 2015 ALA Midwinter meeting. Turns out that the USGS Libraries was recently charged to come up with something similar to help in the management of the libraries in their system, and thus Marcy and Richard Huffine were connected through Paige to see about having Richard discuss this topic at the Cartographic Resources Managers Discussion Group meeting at Midwinter. Richard did deliver a proposal at the meeting and there was agreement that a small committee of volunteers from MAGIRT would work with Richard to move this idea into reality. It was also agreed that the *Standards for University Map Collections*, created in 1987 by the Geography and Map Division of the Special Libraries Association be adopted and used as a starting point for the work that needs to happen. As of this meeting a new committee or task force awaits formation. [Committee on Standards, Geography and Map Division, Special Libraries Association. Standards for

University Map Collections. In SLA Geography and Map Division *Bulletin* No. 148, June 1987, pages 2-12.]

- C. Charge a fee to non-MAGIRT members for webinar files after the webinar? (Paige to lead): Kathleen posed this question to the Board members via email on Jan. 21, 2015. In the email message she asked for assistance in providing an answer and listed several options or ways we could consider doing this including: make the recording available for free (status quo); make the recording available for an access fee; make the recording available for free after some embargo period/delay; something else? In the meantime, Paige asked our staff liaison, Danielle Alderson, if we were even allowed to charge a fee for a webinar and found out that we are allowed to do this but only for those webinars in which we charged a fee to attend to non-MAGIRT members. Discussion was tabled since Kathleen was not present to share further ideas and suggestions.

Committee Updates

Bylaws & Governing Documents Committee and Nominations & Awards Committee (Kathleen) – No report.

Cataloging & Classification Committee (Susan) – No report.

Education Committee (Wade) – No report.

GeoTech Committee (Pete) – No report.

Membership and Marketing (Jessica) – No report.

Online Presence (Jessica) – No report.

Publications (Sandy) – No report.

ALCTS CaMMS/MAGIRT Cartographic Resources Cataloging Interest Group (Iris) – No report.

GIS Discussion Group (Angie) – No report.

Map Collection Management Discussion Group (Marcy) – No report.

Announcements – None.

Adjournment

Next Exec Board Meeting Date: Monday, June 1, 2015, via Zoom



MAGIRT Tours UC Berkeley's Earth Sciences and Map Library

A group of librarians walk onto UC-Berkeley's campus. No this is not the beginning of your favorite off-color joke; it was actually the scene Friday June 26, 2015 when MAGIRT organized a visit to Berkeley's Earth Sciences and Map Library. GIS and Map Librarian (and MAGIRT member) Susan Powell led the tour of the facility to an interested and mostly well-behaved crowd. Several selections from the 450,000 map collection were set out for viewing. Several visitors were especially taken with a dramatic land-and-ocean relief globe from Geo-Institut.

Shortly after Susan took up the scepter in her collection eighteen months ago, she partnered with earth sciences librarian Samantha Teplitzky to offer the very successful "Maps and More" pop-up exhibits of materials drawn from the map collection. The recurring events are generally held from 11am to noon on Fridays during the school year. Recent topics have been the Panama Canal and early California transit maps.



Susan Powell and Samantha Teplitzky describe the collections.



Exploring the collections (photo by Beth Cox)

Naturally the primary purpose of the library is to serve the research needs of Berkeley students and faculty. After politely declining to show fans the rumored map stash used by Nobel laureate Dr. Steven Chu, Susan did describe one recent project of note by Daniel Viragh. Dr. Viragh used a detailed 19th century map of Istanbul to create a historic GIS-based address database for use in his work mapping Jewish life in the city.

MAGIRT generally organizes an educational map-related field trip at every ALA conference location. Since the next conference is to be held in historic Boston, MA, members may confidently expect another interesting tour in January 2016.



MAGIRT Executive Board

Monday, June 1, 2015 via Zoom

In Attendance: Paige Andrew (Chair), Beth Cox (Vice Chair), Kathleen Weessies (Past Chair), Tami Morse (Secretary), Mike Smith (Treasurer), Susan Moore, Wade Bishop, Pete Reehling, Angela Lee, Iris Taylor, John Olson, Louise Ratliff, Nicole Kong

Absent: Jessica Clemons, Sandy Schiefer, Marcy Bidney

Call to Order

Welcome to New Officers

Welcome to Louise Ratliff, incoming Vice-Chair, and Susan Moore, incoming Treasurer.

Annual Conference Discussion Items

Tour and Honors Award Event updates (Beth) – Beth sent an email with a list of possible restaurants for our awards dinner. Some of the suggested locations cannot offer us a private room, so are not ideal. The restaurants are all in Berkeley. The plan is to gather at the Powell Street BART station around 1:00-1:15 to catch the 1:30 train to Berkeley, then walk to the library for the tour. We may also have a campus bus available to pick us up at the station. The tour starts at 2:30. Beth will write up a blurb for the next base line. Cha'am Thai is probably our first choice for the dinner.

Update on vendor sponsorships for ALA Annual (Paige) – We're doing well with vendor sponsorships. Three sponsors have committed to \$1250: East View, PolicyMap, and SimplyMap. We're still waiting to hear from Esri and Data-Planet. Angie reports that Esri is committed to \$1500, it's just taking a while to get the paperwork through. Paige will send letters to four or five other smaller vendors, just to create a communication channel, and if sponsorships come of it, well and good. The same ad from Esri will run in the next *base line*.

Approval for beverages/snacks for attendees of GODORT/MAGIRT Program (Paige) – There is a half-hour break in the joint GODORT/MAGIRT program on Saturday. Paige and Stephen Woods (Vice Chair of GODORT) are looking into providing snacks and beverages for that break, splitting the cost 50/50 between the two round tables. They will meet to finalize plans, based on the information ALA sent them about catering provided by the conference center. Prices are fairly reasonable. We have \$2000 budgeted for meal functions, so we don't need to use any of the sponsorship money. Paige moved to approve a maximum \$1000 for snacks and beverages; Susan seconded; motion was approved.

Slight change to MAGIRT GIS Program on Open Context (Paige) – Karl Grossner, one of the speakers at this program, had a last minute conflict and had to drop out. Our lineup is now Eric Kansa and Anne Austen.

PR efforts for both Programs and any other MAGIRT offerings (Paige for Jessica) – Now is the time to really push our programs and our full line of events at Annual. This includes notices in *base line*, tweeting and retweeting, and PR work by OPOC.

Any other reports, questions, concerns, reminders about the Annual Conference (All) – We had been contacted by Matt Knutzen, looking for a forum to make a presentation. Paige contacted him once, but he hasn't responded. It is probably too late to set up any audiovisual resources he might need. The GeoTech meeting is being held in the convention center, which should have decent wireless, and a geospatial presentation really requires that kind of access. Paige will try to reach him one more time.

New Business

GODORT has proposed a joint preconference for the 2016 Annual Conference in Orlando. They are working with Rich Gause at the University of Central Florida; UCF is willing to provide the venue for free. The preconference would be a followup to this year's program on data visualization, but would be much more hands-on. This year's speakers would participate, plus a few others. The Chair Trio is in favor of pursuing this proposal. UCF is not close to the conference venues, so we would need transportation to and from the preconference. Transportation costs would be factored into the fee for the preconference. We also need to consider hardware and software requirements for the applications they will use. There may also be licensing issues for those wanting to use their own laptops. The proposal does include computers for hands-on sessions, provided by UCF. GODORT seems to want to take the lead with this. [The full proposal is included in an appendix to these minutes.]

Officer Reports

Chair (Paige) – Paige reminded us that the deadline for the June edition of *base line* is coming up. John Olson, editor of *base line*, asked for more detailed information on our sponsorships, particularly if the sponsors asked that their donations be used for particular purposes.

Paige has asked Wade to lead a discussion at the Executive Board meeting at Annual about webinars and how to set up joint webinars and fee-based registration.

Vice Chair (Beth) – The Vice-Chair's report was made as part of the discussion about the Annual Conference; Beth had no additional items to report.

Secretary (Tami) – We had a technical glitch with the recording of the EB meeting on April 6. Please send me your reports and any other information from that meeting so I can create as complete a set of minutes as possible.

Tami created several more items in our ALAIR collection, all sets of agendas and minutes from past Executive Board meetings. Please take a look at them, and let her know what you think of the content and presentation. We have enough in there now to consider the pilot project complete, and we need to decide if this is useful to us or not – though this may be a moot point if this is the archive of record for ALA electronic documents. If we do decide to continue submitting material to the collection, what else do we want to submit, and who should be responsible for gathering, submitting, and maintaining it? One possible management issue is that items in the ALAIR are displayed in the order they are entered; there's no way to sort or arrange the presentation order. This may not be a problem, though, if there are good searching and filtering options.

Treasurer (Mike) – Through the end of April, total revenues come to about \$7300; these include dues, \$720 from two fee-based webinars, \$142 in book sales, \$1250 in donations (at that point), \$600 in advertising. The only expenditure for the year is \$164 in bank services. We have almost \$48,000 in our account.

Past Chair (Kathleen) – A recipient has been chosen for the Honors Award, and Kathleen is moving forward with ordering the award and printing the certificate. Kathleen will submit the announcement and a picture from the awards dinner to *base line* in August.

Congratulations to our new officers, committee chairs, and discussion group leaders:

Vice-Chair: Louise Ratliff
Treasurer: Susan Moore
Chair, Education Committee: Anne Zald
Chair, CCC: Carolyn Kadri
Chair, GeoTech: Nicole Kong
Chair, Membership: Mia Costa
Leader, Collection Management Discussion Group: Carol McAuliffe
Liaison, RBMS: Margaret Gamm

Committee Updates

CaMMS/MAGIRT Cataloging Interest Group (Iris) – The Interest Group meeting at ALA is a panel of three presenters: Nancy Kandoian on rare materials, Nate Trail on BIBFRAME, and Seanna Tsung on RDA philosophy. Since this is a meeting, not a program, it will cost to provide A/V equipment. How much is MAGIRT willing to spend to support this kind of thing? It may be too late to get equipment for this meeting at Annual, but we should discuss this for future reference.

We have budgeted \$2500 for A/V rental for any of our meetings. Paige has a list of current equipment costs: a projector costs \$150-180, screen is \$18-21, microphones run from \$27-87, an A/V cart is \$15, etc. This does not include labor costs, and we don't know what those would run

to. Paige's rough estimate for total equipment costs is around \$350, and he suggests doubling it to cover labor costs. This raises the issue that committee chairs need to talk to conference organizers about their programs; we have money budgeted for support and are willing to spend it.

Kathleen was able to scramble for equipment at the last minute at a past Annual Meeting, so we may be able to pull this together with Danielle's assistance. Paige will approach Danielle to see if we can get a projector, screen, cart, and microphone for this meeting.

On a related topic, costs for internet access are unknown. Danielle hasn't come up with a dollar figure, but she says it's very expensive. Also, programs are different from meetings; ALA provides internet access for programs, and it doesn't come out of our budget.

Bylaws & Governing Documents Committee and Nominations & Awards Committee (Kathleen)
– No report.

Cataloging & Classification Committee (Susan) – No report.

Education Committee (Wade) – No report.

GeoTech Committee (Pete) – No report.

Membership and Marketing (Jessica) – No report.

Online Presence (Jessica) – No report.

Publications (Sandy) – No report.

GIS Discussion Group (Angie) – No report.

Map Collection Management Discussion Group (Marcy) – No report.

Announcements

Susan has been asked by ALA to give another webinar on cartographic materials cataloging in RDA. Paige is doing two workshops, before and after the Annual Conference, first at UC-Davis, later at UC-Santa Cruz.

Adjournment

Next Exec Board Meeting Date:

Sunday, June 28, 2015, 12:30-2:30, Moscone Convention Center, Room 2011W

Appendix: Proposal for GODORT/MAGIRT Preconference at Annual Meeting, 2016

GODORT/MAGIRT Pre-Conference Program Proposal For ALA Annual Conference Orlando, 2016

This proposal is intended to serve as a follow up pre-conference to the joint program held at the 2015 Annual Conference in San Francisco, “Data Visualization in the Library: Collections, Tools and Scalable Services”.

Follow up proposal to the 2015 Joint GODORT/MAGIRT Conference Program to conduct a Pre-Conference in 2016

Visualization is an increasingly powerful means of exploring and communicating data, especially in the areas of government documents and geospatial information. While not every specialist in these areas will have extensive training in visualization, learning basic data cleaning and visualization techniques can greatly enhance existing library services in these areas.

This pre-conference program will lead participants through a series of hands-on exercises designed to help them learn both data cleaning techniques and data visualization principles.

- First, a short introduction to visualization as it relates to government documents and geospatial information will prepare participants for the hands-on portions of the program.
- Next, participants will learn some problems that commonly occur with government data and will learn how to transform the data to work with typical GIS and visualization tools.
- Next, participants will go through a quick visualization exercise during which the instructors will share both technical information about visualization software and also design tips that will carry across different projects.
- The hands-on period will be followed by open work time, during which participants will have the chance to play with the data and software, as well as ask questions of the instructors.
- After the open work time, a feedback session will allow participants to share their work with the group and practice giving and receiving feedback on their visualization choices.
- Finally, the program will conclude with an open discussion of the development of scalable library visualization services focused around government documents and geospatial information.

Space for a Pre-Conference in Orlando

This message is from Rich Gause, Government Information Librarian at the University of Central Florida and provides details of space available to us a no cost:

“If we want to have the pre-conference take place at our University of Central Florida main campus, I’ve received preliminary permission from my library director for us to use rooms within our library. No direct cost for use of the space, but he would like for

us to use some gratis seats at the preconference in exchange for providing the facilities; two seats for the UCF Libraries and potentially one or two more if I can get a faculty member and/or graduate student from one of our academic departments to present (if we want that as part of the pre-conference). Even though it will be on a Friday during June, I think I can probably tap at least one or two colleagues from the new Interdisciplinary GIS Graduate faculty I'm working with.

We have a presentation room (room 223) in the library which will accommodate around 60 before it gets a bit too crowded, and if desired I can check out up to 50 laptops for use in that room. We have adjoining classrooms (rooms 235A and 235C) that can provide hands-on computers as breakout sessions, plus we could make use of group spaces in our Knowledge Commons on the same floor.”

You can view the space at: <http://guides.ucf.edu/rooms>

Potential Speakers

If we decide to do this we will need to consider providing a travel stipend to Justin and Angela based off the proceeds from the registration fees. I'd like to at least offer a \$500 stipend to each or a more generous one if we have a large attendance.

Justin Joque

<http://www.lib.umich.edu/users/joque>

Justin is a Visualization Librarian at the University of Michigan, where he assists users in finding, manipulating, analyzing and visualizing diverse types of data. He just completed a PhD in Communications at the European Graduate School. He received a Master of Arts in the Science of Information from the University of Michigan in the School of Information with a focus on Information Analysis and Retrieval.

Angela Zoss

<http://library.duke.edu/about/directory/staff/6881>

Angel is the Data Visualization Coordinator at Duke University Libraries, where she provides consultation and instruction on data visualization and visual communication. While pursuing her doctorate in Information Science at Indiana University, she spent three years as a research assistant, focusing on scientometrics and network science. She holds a Master of Science in Communication from Cornell University, where my interests included human-computer interaction and culturally embedded computing.

GIS Presenters

We will need to identify some GIS presenters for this as well to supplement this pre-conference. We may be able to tap local talent mentioned in Rich's message or MAGIRT may have some suggestions as well.



ALCTS-CaMMS/MAGIRT Cartographic Resources Cataloging Interest Group Meeting 2015 ALA Annual Conference

Report of Business, (# of attendees 25)

June 28, 2015

The Cartographic Resources Cataloging Interest Group meeting is an open discussion session for addressing topics of interest to the cartographic and geospatial resources cataloging community. This is a great forum for posing questions to, and exchanging ideas with, members of the cartographic resources cataloging community.

Three presenters shared their experiences under the theme of *Cartographic Cataloging Standards: Historical, Contemporary, and Forthcoming*.

Presenters and Notes about the Presentation:

Nancy Kandoian—“Descriptive Cataloging of Rare Materials (Cartographic) (DCRM(C)) An Overview”

Ms. Kandoian is the Maps Cataloger, for the Lionel Pincus and Princess Firyal Map Division, Stephen A. Schwarzman Building, the New York Public Library.

Nancy gave a brief overview of the DCRM(C) (Descriptive Cataloging of Rare Materials (Cartographic)) with a history to date of the work involved; displayed the previously published volumes of DCRM for serial, books, and graphics; Seanna Tsung and Carolyn Kadri were members of the initial organization of DCRM(C), the inspiration of which stemmed from workshops that they helped to organize and present at the 2010 ALA Annual Conference in Washington, DC. Nancy displayed links to a draft of the DCRM(C) manual, as well as meeting minutes, guidelines and BIBCO Standard Records online on how to treat rare materials.

Nancy introduced the web interfaces of DCRM and covered popular questions regarding the manual, such as how do you deal with RDA? All DCRM manuals will be dealt with as a whole—and there is a group putting together guidelines which will be linked from the RDA toolkit. She spoke on the difference between the manuals *Cartographic Materials: A Manual of Interpretation for AACR2* and DCRM(C), which is being published using AACR2 rules because work on the manual began in 2009 using the older cataloging standard. There is a website which tells how to do DCRM cataloging in RDA style including suggested websites and links that tell how to do and treat rare materials using RDA. The links demonstrate examples using RDA and DCRM(C) harmonizing the modules of the RDA toolkit with interpretations on cataloging rare materials.

Nancy defined rare materials as any resource receiving special treatment according to the needs of the institution. The age of material may not be the deciding factor at an institution; other factors can play a role such as uniqueness.

Some of the differences between DCRM(C) and RDA include: prescribed sources of information; area 3 elements are in normalized forms instead of transcribed; there are more notes on transcription; and more direction on the treatment of hand colored items; and appendices specific to early collection records and composite atlases were written and included.

DCRM(C) is scheduled to be published by the end of summer, 2015. The current editorial team for this manual and the RBMS Bibliographic Standards Committee members will do final editing and proofing of the manual. When DCRM(C) is published there will only be an online version of it in PDF or Word, which will be available through the Library of Congress Cataloger's Desktop.

Seanna Tsung—"Current G&M RDA Philosophies as Reflected in the Library of Congress Cartographic Resources Manual"

Seanna Tsung is the Senior Cataloging Specialist, Geography & Map Division, the Library of Congress - presented on current thoughts on Cartographic Resources Cataloging, RDA, and BIBFRAME

Seanna mentioned during her presentation that the LC Geography & Map Division (G&M) will be integrating all formats in the forthcoming Cartographic Materials Manual. Many G&M policies have not changed, including those relating to providing only two scales and using "scales differ" for resources with three or more scales, and the provision of coordinates only if they are shown on the resource as Greenwich coordinates. Paige Andrew (Maps Cataloging Librarian, Penn State University) asked a question about the policy on coordinates, as there are online tools available to catalogers now to quickly and easily provide this data. Seanna responded that we prefer to supply only what is on the resource, do not have the staffing resources to provide additional data, and do not want to break with G&M historical policy.

G&M continues to provide notes for source of preferred title, such as "Title from cover." G&M will supply additional access points if the person or corporate body appears elsewhere in the record and ensure that all access points and subject headings are authorized. Seanna discussed further G&M policies that have not changed such as: the use of the word "Scale" before a representative fraction in the mathematical data area even though RDA does not require including the term; not cataloging scanned items from our own collections but linking them to the bibliographic record for the original resource; providing at least one genre form heading for each resource; and lastly, not using "thematic maps" as a genre form heading. Seanna said, "In short, we have changed what we needed to conform to RDA but left much else in place."

Seanna discussed LC's policy on series, which is to not establish, update, edit or consult series authority records at all, as of 2006. Seanna stated, "We strive to develop practices and decisions that are best for our collections, but recognize the many different needs of other institutions and encourage the development of local policies."

As of July 1, 2015 G&M will be developing policies on LC implementation of using relationship designators. G&M catalogers do not think that “cartographer” should always be the relationship designator for creators of cartographic resources and to only use “creator” when there is no explicit statement of responsibility. However, we will be assigning “cartographer” for all national and military mapping bodies absent other information.

Finally, Seanna concluded with an overview of LC’s BIBFRAME pilot, in which several catalogers in G&M are participating. Her remark was, “the primary goal is to make our data part of the semantic web, to reveal and make interoperable to the web as a whole the data and objects currently discoverable only through our catalog. There will be a lot of tweaking of the interface! Stay tuned for when we ask for advice, suggestions, hopes, dreams....”

Nate Trail — “BIBFRAME: A Briefing, an Overview and an Update”

Nate Trail is the Digital projects coordinator, librarian, and programmer at the Library of Congress, is active in Library Standards work, such as BIBFRAME, METS, MODS, PREMIS, and the ALTO data standards. He has worked on the Linked Data site id.loc.gov and is leading the team that is developing a new vocabulary and serialization for library data compatible with the Web, at bibframe.org.

Nate opened his presentation by asking the audience about their level of knowledge of BIBFRAME. Nate stated that BIBFRAME is a Bibliographic Framework which is a data model for bibliographic description. BIBFRAME was designed to replace the MARC standard, and to use linked data principles to make bibliographic data more useful both within and outside the library community. BIBFRAME is an initiative that implements a bibliographic environment for a post-MARC, networked world. Conversion to a more web-friendly resource will enable description on separated nodes. The linked authority data at id.loc.gov will be a key factor in maintaining those nodes.

Nate went over the objectives of BIBFRAME with linked data: a RDF Vocabulary/Data Model, and network-based technological protocols, for the web, on the web. Nate mentioned the relationships of links that will replace strings, which will equal reduced maintenance for libraries; URIs for authority authorized headings and atomicity which will allow flexibility for future cataloging and other uses. Most importantly, the information will be web-ready/web accessible and more openness, web exposed data instead of containing data within a catalog.

Nate mentioned historical dates of key factors in the BIBFRAME Initiative: May 2011 – Announcement of Initiative; October 2011 – LC published the general plan; May 2012 – Zepheira, LLC contracted by LC for data modeling; November 2012 – LC published a high-level model document; January 2013 – LC published <http://bibframe.org/> with draft vocabulary; 2014 – Tools: Marc To BIBFRAME Conversion, Editor for native BIBFRAME; and 2015 Search/Display tool, Profile Editor.

Nate said that it will be similar to MARC as a container for standards and RDA containers for terms. Mainly it will use RDF (Resource Description Framework). Some challenges are converting MARC cataloged bibliographic and name authority records, developing a standard list of terms that contain similar definitions, and provide plenty of access points with relationships. BIBFRAME “Works” include the subjects, authors, and class data for a cataloged item. “Instance” includes the actual title on the piece and publication information, such as the physical instance. If there is also an electronic version, in addition to the physical, there will be two “Instances” for the one Work. BIBFRAME uses annotations for some of the metadata. BIBFRAME will describe a person or institution as URIs to external authorities.

With BIBFRAME there will be new bibliographic descriptions, converted from MARC. For easier access, vocabulary will change with new terms and new ways of expressing works. Certain geographic data will be mapped using KML or other geographic vocabulary. The LC BIBFRAME pilot will consist of LC catalogers doing experimental data entry using the new vocabulary and tools, to inform how the model works. Nate ended his presentation by providing a list of resources on BIBFRAME.

Following the presentations a question and answer period was held with several lively discussions.

Submitted by Iris Taylor



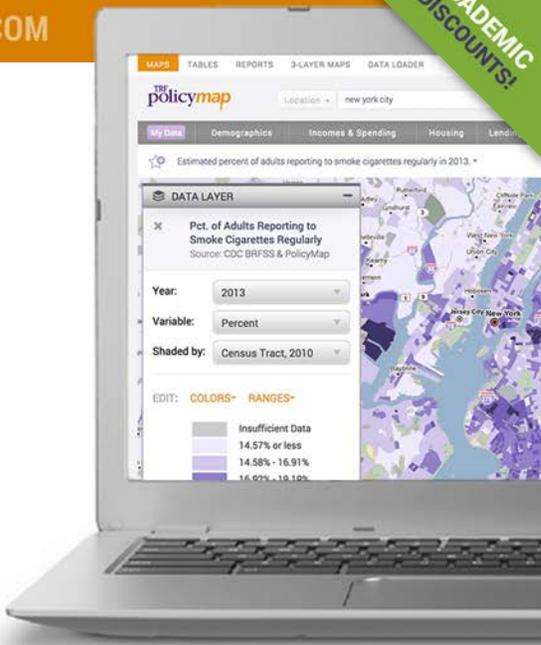
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NEW MAPS AND CARTOGRAPHIC MATERIALS

DAVID BERTUCA

UNIVERSITY OF BUFFALO

“The land still provides our genesis, however we might like to forget that our food comes from dank, muddy Earth, that the oxygen in our lungs was recently inside a leaf, and that every newspaper or book we may pick up is made from the hearts of trees that died for the sake of our imagined lives. What you hold in your hands right now, beneath these words, is consecrated air and time and sunlight.”—Barbara Kingsolver

The year is half over. My move of the UB Map Collection has been ongoing for almost a year. Physically we moved everything in January, but since that time, I have been unpacking and going through looking for things that need fixing from the move. This summer we have almost finished putting new labels on every drawer, re-arranging lots of materials that moved but did not have a final home, and updating signage, etc. It's been busy and exhausting.

Adding my own down time for recovering from surgery and getting regular work done, it has not been quiet since last August. But time keeps flying and every orbit of the sun brings new maps and books, along with web and electronic resources. Below are some items that I have acquired or read about to add to the list of possible ideas for your collection.

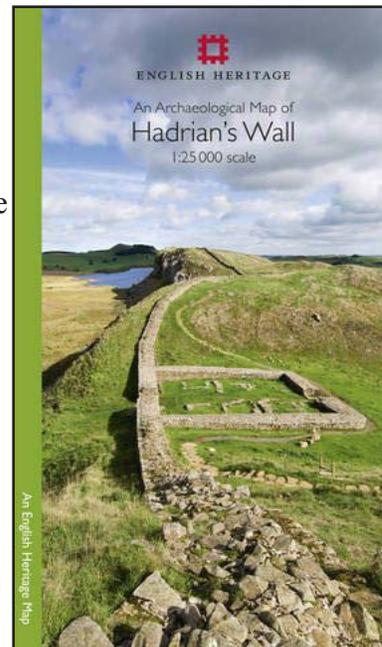
Maps

An Archaeological Map of Hadrian's Wall. Rev. ed. [Swindon]: English Heritage, 2014 (ISBN: 9781848022638). 1 map: both sides, col.; folded to 14 x 24 cm. Scale 1:25,000.

I've always had an attraction to Hadrian's Wall, the 100-plus mile long barrier between the power of Rome and the “barbarian” world. This map shows more than the route and location of this architectural monument; it also is an archeological record of the wall, showing where the remains are, as well as where they were. The map scale is large enough for hikers and for studying the system. English Heritage (organization) used field surveys, geological and excavation data, and aerial photographs to accurately record the extent of Hadrian's Wall on one map.

Also included is text that describes the current wall and how to locate specific features, along with a list of good museums relating to Hadrian's Wall. It is designed to be used. The wall-specific data is overprinted on an Ordnance Survey map and has standard topography and coordinates and can also be used to navigate the region.

Travelers and researchers will find this map useful and interesting. It has been revised to add data on the current condition and locations of wall elements. It will assist anyone who is studying archeology of the wall too. The map is waterproof, which is ideal for hikers or for making temporary markings.



Atlases

Peyroulou, Jean-Pierre, and Legoff Fabrice, cartographer. *Atlas des décolonisations: une histoire inachevée*. Paris: Autrement, 2014 (ISBN: 9782746731240). 1 atlas (96 pages): color illustrations, color maps.

The colonization of the World took many centuries; the decolonization process was mainly in the Twentieth Century. Studies of each nation's move toward independence exist. This atlas contains an archive of maps showing most of the major changes to independent government around the World.

The text and captions are in French. This is only a barrier for reading the text. The maps can be understood by non-French speakers. The maps have fairly detailed descriptions of countries and regions at particular times in their decolonization. Some text can be translated readily to understand the main points. Coverage is good for the entire period and also includes Twenty-first Century emigration movements, especially into France and Europe.

This work will be useful for those studying history, population movement, colonial change, and specific studies, such as the African Colonial experience. Reading knowledge of French is ideal, but non-speakers may use the maps with enough understanding to be worth using.

Bensoussan, Georges, and Marie Mélanie, cartographer. *Atlas de la Shoah: la mise à mort des Juifs d'Europe, 1939-1945*. 2014. (ISBN: 9782746732308). Scales differ.

Holocaust studies are abundant, with many atlases covering diverse aspects of the history. This atlas provides another viewpoint of the history from 1939-1945, with some detail. Though in French, again the maps and data can be understood to some extent by non-speakers of the language.

The maps are graphic and can be easily understood. Many different topics are given, including maps showing Jewish migrations before and during the war, specific topics, such as the locations of ghettos in Europe, and major named operations. Also included are detailed maps of some of the major concentration/death camps. Country-specific maps show how each nation's Jewish population was affected.

Although the text is in French, the maps are quite useful and some show unique data compared to other atlases that are available. The visualizations are very good and clear. This atlas will provide useful data for research and should be considered, especially in collections on the topic.

Hötte, Hans H.A., and Colin Heywood. *Atlas of Southeast Europe: Geopolitics and History. Vol. One: 1521-1699*. Leiden; Boston: Koninklijke Brill NV, 2015. (9789004214675). 156 p.: color maps.

Good historical and political studies of the Balkan region, in English, are not very prevalent. This volume, the first in a set, provides a detailed description of the countries of Southeastern Europe that will assist cultural researchers. Volume one covers the period 1521-1699, or more particularly, the period from the first Ottoman incursions into Europe, through the Treaty of

Karlóca (Karlowitz), when the Ottomans accepted that they would make no further advances into the continent (though they remained in the Balkans until the Twentieth Century).

The full-color maps are very detailed. The cartographer originally planned these as electronic maps, which would make them more dynamic; this was postponed because of technical difficulties, though access is available to an electronic version of the book. However, the maps are very useful in print for historical studies and allow the reader to move quickly between maps and periods.

The atlas is predominantly maps. Each is briefly captioned. It is not designed to provide a history in text, but to supplement other historical studies. The focus is on the maps. Using this atlas requires texts to expand on the maps. However, the maps will help research greatly.

This atlas is for serious research at the college and advanced level. It will be quite useful to anyone who is studying Balkan history or who is researching the Ottoman Empire.

Joyce, Lan. *Indian Subcontinent Travel Atlas: Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka*. Richmond, BC: ITMB, 2014. (ISBN: 9781553415251). iii, 205 p.: col. maps. Scales differ.

When traveling in India, Pakistan, or countries in the surrounding region, one will find it difficult to carry large-scale maps that are easy to use in a crowd. This atlas will answer as a useful tool. Small in size, it can be carried in purse, brief case, or backpack. There are map indexes for each country and a gazetteer in the back. Color maps fill the rest of the atlas. The maps are of the same level of detail as the large folded counterparts, offering what a traveler or researcher would need. Some maps have insets to important regions or cities. A legend is included to ease map reading. Relief is shown by gradient tints and spot heights. Depths are indicated using gradient tints. The scales vary and are given for each country on the index. A small (1 cm) metric scale bar is included at the corner of every page, which is enough to get started.

For travel or for a good reference to specific areas in the Indian subcontinent, this atlas is perfect. While large map sheets are better for planning and research, this compact book offers the same material without the advantage of context that a full map would give. The atlas is a good addition to a map collection and can assist anyone needing to locate places readily.

Websites

25 Maps That Explain the English Language

<http://www.vox.com/2015/3/3/8053521/25-maps-that-explain-english>

I couldn't pass on adding at least a couple nice web resources with great map visualizations. This page contains illustrations from posters and maps that relate to English. The items show English as it evolved from early languages, maps showing where people are who read the English Wikipedia, diagrams, such as Where New English Words Come From, dialect maps, vowel shift maps, and other topics.

Note that when you arrive on the page, you must scroll down as the opening graphic offers no clue as to what to do.

This is an interesting collection that will teach and entertain. It is worth viewing by anyone at any level.

4 Tools to Compare the True Size of Maps

<http://www.instantfundas.com/2012/07/4-tools-to-compare-true-size-of-maps.html>

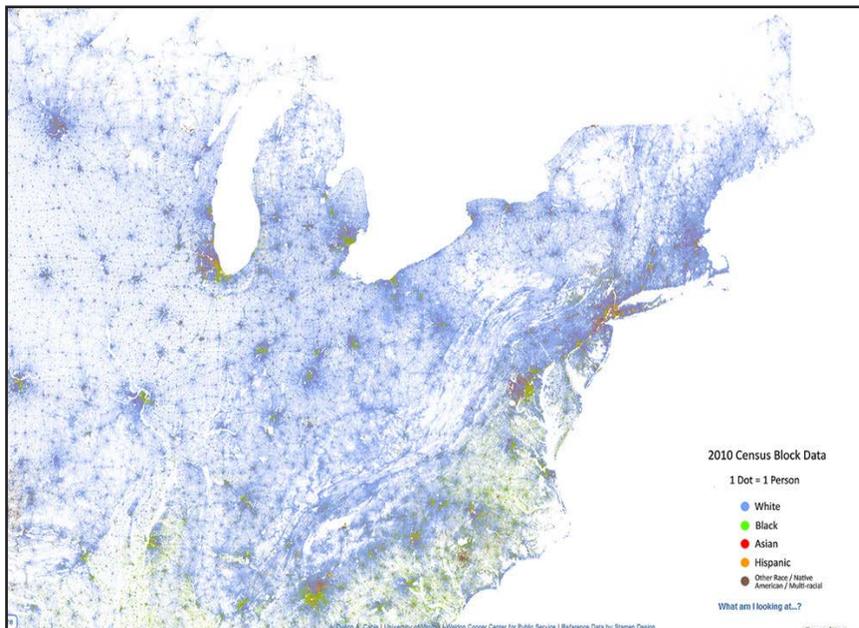
I regularly receive requests for maps that show different countries or places compared by size. Comparison maps exist, but sometimes you cannot find the right one. I have, for example drawn maps comparing individual African nations to the United States.

Someone has taken the time to gather several tools that will provide quick comparison maps for use in whatever you need for displaying or showing places. The tools allow for entering places, then drawing the maps. Each tool offers a different method of visualization and all have basic instructions and are easy to use.

This site can be accessed and used by people of any age. Remember it for those times you need a quick comparison map.

The Racial Dot Map [2010 Census Block Data]

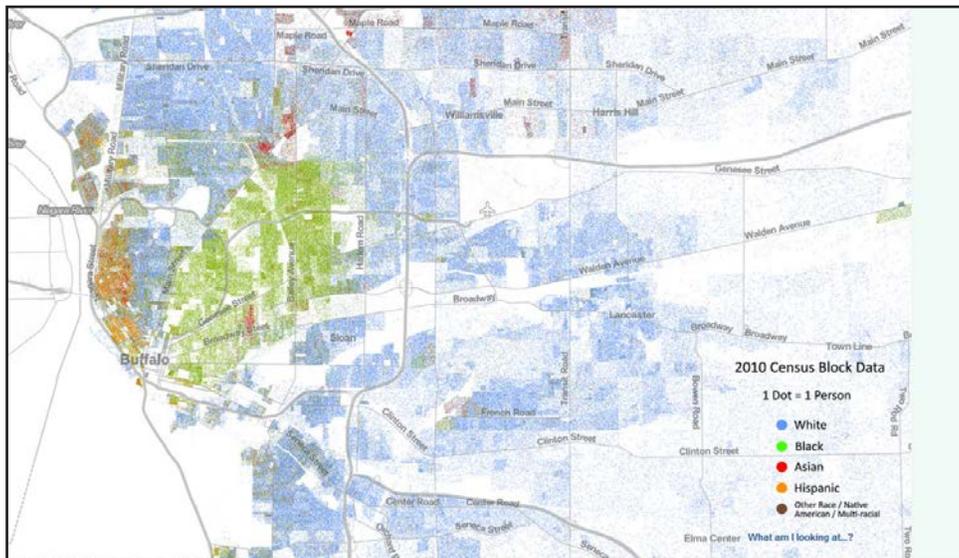
<http://demographics.coopercenter.org/DotMap/index.html>



Some tools are simple, but complex. This map has a large database: the 2010 Block Census Data set. It has been keyed in for one attribute: ethnicity. One dot equals one person. Simple.

The map provides a simple analysis tool that can be zoomed in to show local populations. It is for visualizations only. The zoom does not go in large enough to count every dot; rather the clustering of dots offers general descriptions of ethnicity

in cities and towns, as well as across the country. The breakdown is only by broad category so smaller groups are listed together as “other.” In addition, if you turn the color off, you will have a general population map of the country. This is good for showing population distribution graphically.



Details of the data are located on the Demographics Research description page <http://www.coopercenter.org/demographics/Racial-Dot-Map>. This page describes the methodology, use of color, and other details.

This map provides a good, simple visualization of the United States in terms of population by ethnicity. It is useful for grade school through adult learner for producing a quick map at any scale.

Books

This spring I was able to purchase a number of books so here are a few that were added to the library.

Eco, Umberto , and translator McEwen Alastair. *The Book of Legendary Lands*. New York, N.Y.: Rizzoli Ex Libris, 2013 (ISBN: 9780847841219). 477 pages: illustrations (some color), maps (some color).

“A fascinating illustrated tour of the fabled places in literature and folklore that have awed, troubled, and eluded us through the ages”--Publisher description

There have been a few atlases of imaginary or fabled places in the past. The subject is always interesting and there is room for many more books on the topic. This work, by author Umberto Eco, contains studies of places in legend or fiction, but not places that were invented for novels and fiction. The line is fine, but there are enough legendary locations to fill many works without diverting the mind to still other places that have been imagined.

The author focuses on places have occupied the minds of scholars and common people because they thought these places existed somewhere. Explorers searched for these places; philosophers conjectured on their location and the truth of such places. Eco describes places that may have existed in the past, and places that have been thought to have existed in the World. These places sometimes led explorers to find new lands (e.g., Columbus and the “New World”), while other places were such that *“many perfectly sane people have tried to find.”*--7

This book is about the illusions produced by peoples' beliefs that certain lands actually existed. The author describes places in terms of philosophy, religion, mythology, and other aspects. His work is a combination of anthropology, history, and literary tradition. The research involved presents a wealth of knowledge on places in the Bible, places depicted in ancient texts, "lost cities" such as El Dorado, and concepts such as the hollow Earth. Each chapter works on a particular theme and describes the history and legends, with the beliefs and studies upon these places. The writing is interesting and provides a wealth of data and ideas.

The book is heavily illustrated, mainly with brilliant color works; the paper stock is the type used for art books. Indexes include authors and artists, as well as a subject index.

This book would be enjoyed by scholars in many fields, and would be a good addition to literature and art book collections. The materials will be of interest to students from high school through adult and offers the imagination a great deal. It would also be a worthy gift choice for the scholar in your life.

Pye, Michael. *The Edge of the World: A Cultural History of the North Sea and the Transformation of Europe*. First Pegasus Books edition. ed. New York: Pegasus Books, 2015 (ISBN: 9781605986999 1605986992).

The North Sea is the breeding ground for the economic and cultural development of Europe. This is one premise of the book. The author sets out to show how the North Sea has been instrumental in commerce, social change, technology transfer, and all sorts of human endeavor throughout history. The author states in the introduction: "*This book is about rediscovering that lost world, and what it means to us: the life around the North Sea in times when water was the easiest way to travel, when the sea connected and carried peoples, belief and ideas, as well as pots and wine and coal.*"--p. 8

He continues to explain that the book is not about wars and the spread of Christianity. It is the story of how this interaction between cultures led to the development of today's world. The post-Roman North Sea region was open to change. Movement of a diverse number of people and cultures opened minds to so many possibilities that were not available before. Each culture improved, some while destroying, the existing social structure.

Northmen, Frisians, Germanic tribes, Britons, and many others, sailed the sea, spreading ideas, knowledge, commerce; acting as catalysts for the expansion of trade, wealth, and education. The author describes the way that these travels accelerated European development and moved it toward modernity. Also included, the work describes how the first Europeans began to spread westward toward the Americas as their thoughts developed into action.

This book will provide thought-provoking concepts and data for historians, cultural scientists, economic historians, and others. It is college level writing that is geared toward that audience, though it may be of interest to many adults interested in the Dark and Middle Ages, European history, and other similar topics. The book would be an excellent choice for any advanced library collection.

Bonnett, Alastair. *Off the Map: Lost Spaces, Invisible Cities, Forgotten Islands, Feral Places, and What They Tell Us About the World*. London: Aurum Press, 2014 (ISBN: 9781781312575). ix, 310 pages; illustrations.

For a place to be lost, it need not be just misplaced in our minds. This book is an interesting study about the way humans view places, how they treat the past, and the way that time changes perception. The author has chosen 47 places that have, for one reason or another, been forgotten, abandoned, or buried by time and progress. Also there are places that we hardly notice or that are too ephemeral in nature. He defines the philosophy of place as he explores the social geography of these locations.

The locations that are chosen are not necessarily special; the author chose them because each one “...forced me to rethink what I knew about place.”--Introduction He chose places that have the power to “provoke and disorient.”

Beginning with Sandy Island off the coast of Australia, which is a place that has been on maps for more than 130 years, yet in 2012 was found not to exist, and continuing through to cities, such as Leningrad, whose nature and character have been altered by history, the story progresses through a variety of unusual locations. Each place is identified with its name and geographic coordinates to assist the reader in finding the spot on a map.

Described are lost spaces, hidden places, places between places, dead cities, and unusual places where unusual geographies exist. One example is Traffic Island, which everyone knows but don't think much about. Traffic islands cover the earth wherever there are freeways. They are those tiny nature preserves between roads, inside cloverleaves, and wherever the pavement needs a divider. Then there are abandoned cities, such as Wittenoom, where their success doomed their survival.

This work is one that geographers can appreciate, while also being a book that will interest anthropologists, historians, and other researchers. The reading can be understood by high school through adult learner. It would be enjoyable reading for anyone interested in curiosities as well as serious study. The places described will intrigue; they will also open your mind to the diversity of the world's lost spaces.

Aitken, Stuart C., and Gill Valentine, editors. *Approaches to Human Geography: Philosophies, Theories, People and Practices*. 2nd ed. Los Angeles: Sage, 2015 (ISBN: 1446276015 9781446276013). ix, 446 pages; illustrations.

Geography in the present is changing dramatically in all aspects. Philosophies of research and description, interpretation, knowledge development, and other concepts are evolving rapidly as new technologies also enter into the mix. For those wishing to do research in modern geography the book may be of interest.

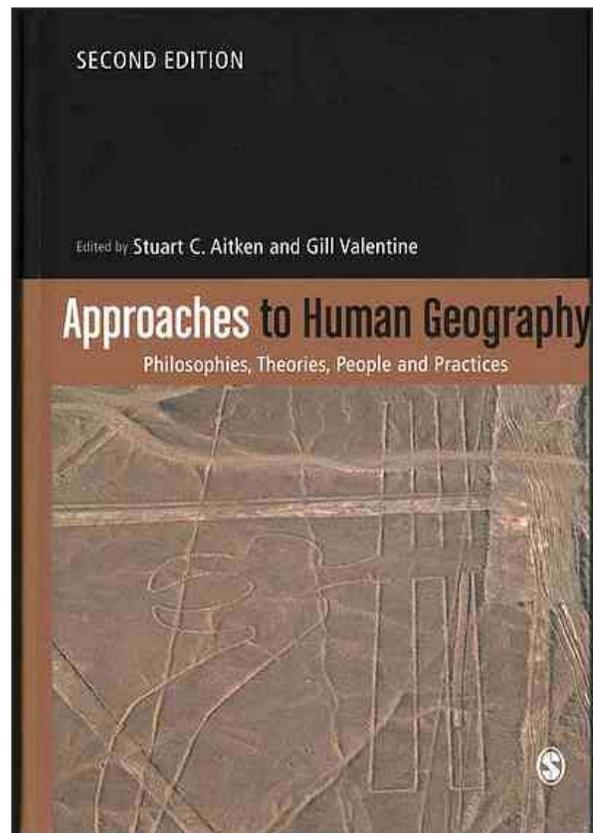
The premise of this work is to provide “...an accessible introduction to the diverse ways of knowing in contemporary geography with the purpose of demonstrating important and strategic links between philosophies, theories, methodologies and practices.”--p. 1

It is to be used along with other books in a Sage series that address key topics in geography. The editor's state that the book was designed to avoid "jargon" laden texts while offering new insights into the ways of knowing and ways of doing research in geography. In this way they hope to improve geography research techniques for new and experienced geographers. They state that "*The book is a philosophical reader designed to be a practical and usable aid to life the seemingly impenetrable veil that sometimes shrouds philosophical and theoretical issues and to show how these issues are linked directly to methodologies and practices.*"--p. 1

The work's goal is to help beginning students in learning the ways of knowing and doing in geography research and to assist them when learning to develop theses and dissertations. For advanced degree students this will be an advantage. It is the type of literature that belongs to doctoral studies in any field, but in this case, especially to geography. The studies will also act as a refresher for advanced researchers as well.

Each article in this collection covers a specific topic within several broad themes: Philosophies, People, and Practices. The work provides a variety of views on each of the topics by knowledgeable researchers and will generate ideas on practices and methodologies.

This work is for serious studies in geography. The text is written on a university level and may require some background to appreciate. Some of the essays will interest those in other fields, and the philosophy could be considered general enough for multidisciplinary use. This is a good inclusion in a collection for geographers.



Petersen, James F., Dorothy Irene Sack, and Robert E. Gabler. *Physical Geography. 10th ed.* Belmont, CA: Brooks/Cole Cengage Learning, 2012 (ISBN: 9781111427504). xxiv, 646 p.: col. ill., col. maps.

The Earth system is a complex interaction between natural forces that are constantly changing. Human interaction also affects this, but the current book focuses predominantly on the physical geography of our planet.

This text covers the Earth's geography in a comprehensive way and is a good textbook for classroom and further research. The book is designed using the new educational objectives model so that the authors clearly state the work's scope, expected outcomes for readers, and the method used in designing the book. The Preface and student introduction provide this statement, along with suggestions for getting the most out of the book.

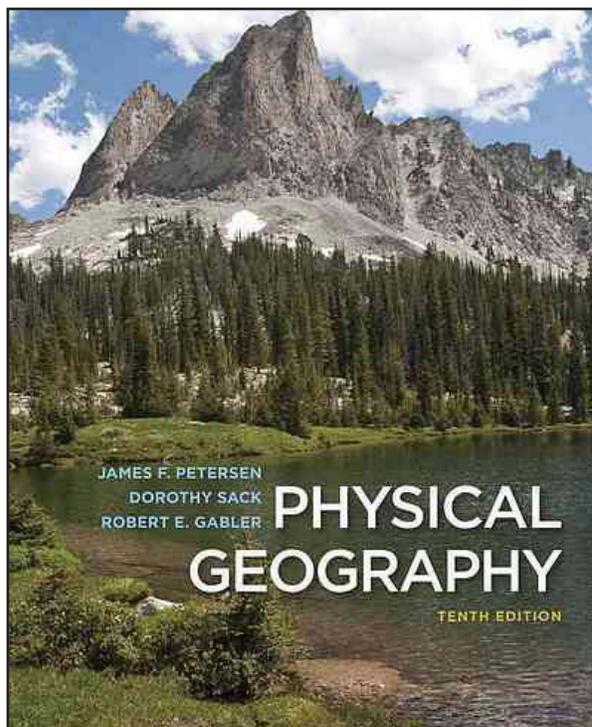
Chapters are organized into relevant categories, with subtopics defined in the table of contents. A List of Major Maps eases searching for these. Numerous illustrations, diagrams, and maps provide clear visualizations of the materials being described. Each chapter begins with a statement of objectives so that the student knows precisely what is to be learned. An outline is also included on each chapter page to make it easy to locate subtopics readily. Each chapter ends with a learning section that provides key points of the chapter, offers review questions, and further activities that can enhance the reading.

Throughout the book, color margins highlight specific features. One that I like provides a page or two on interpreting maps or graphs. These appear in appropriate places and are

keyed to the chapter. For example, in the chapter on weather, the “Map Interpretation” page explains how to read the symbols and other elements on a weather map. The page shows a map and has text describing the elements; a facing page shows a satellite view of the same map. This technique is used on other map interpretation pages as well.

There are several appendices providing lists of standard measurements, how to read and interpret topographic maps, and a section on identifying common rocks. This is followed by an extensive glossary, and an index.

I found this text to be comprehensive, clear and concise, with great illustrations and maps, and related materials. The writing is readable and is an excellent textbook for college and adult learners. It would also be useful for advanced studies in high schools. This book is worth adding to a collection.

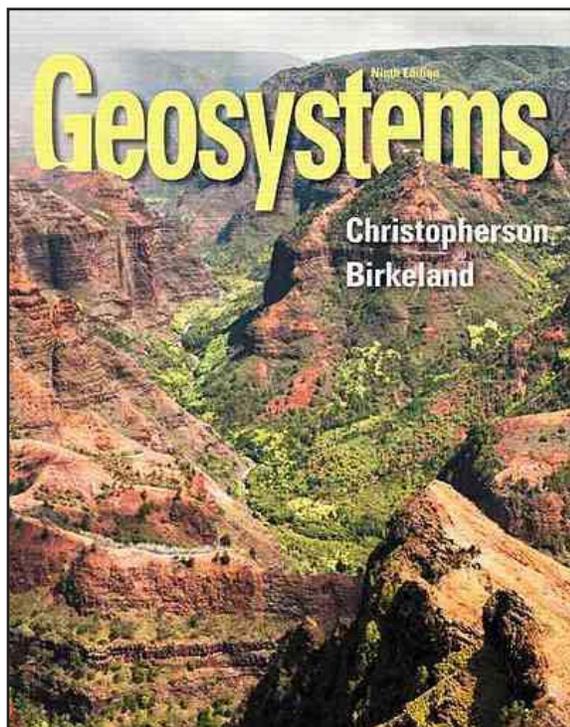


Christopherson, Robert W. and Ginger Birkeland. *Geosystems: An Introduction to Physical Geography*. 9th ed. Boston: Pearson, 2015 (ISBN: 9780321926982). 1 volume (various pagings): color illustrations, color maps.

Similar to the previous title, this work is also an excellent choice as a textbook on physical geography. It too, works to be comprehensive in coverage, with subtopics that are defined in the contents, and with introductory sections that assist the reader in getting the best experience from the book. The emphasis of the book is on Earth’s geosystems and how they work and interact, to produce the dynamic planet that we live on. Human interaction is included in some of the work to put us into the picture.

The beginning includes a section on Digital and Print Resources, which offers links and cites to online and published works relevant to the book and to improving the reader experience. Special and new features are highlighted in the next section along with additional resources.

The chapters are heavily filled with illustrations, diagrams, annotated photos, maps, and other visuals to enhance the text. Key terms are printed in bold throughout the text. Sidebars are used to enhance the text or to offer links to further resources.



Historic events are used in the book to highlight concepts being studied. Current earthquakes and climate events are used for simple case studies. Tips for study are laced into these additions as well.

Appendix A is called “Maps in this text and topographic maps” and gives a brief description of map terms, projections, symbols and conventions, and other concepts that assist a map user. Appendix B is a description of the Köppen Climate Classification System; this explains and shows climates worldwide, with descriptions of each region. Appendix C contains “Common Conversions” for English and Metric measurements. Finally, a good glossary and index complete the work.

This book also fills the needs of college students and adult learners that can be used by advanced high school students as well. It has a similar, but different approach to physical science as the book reviewed above. Either of these texts will provide a good learning experience. For professors and instructors, it would be worth reviewing each to determine the best for your needs. For a library, both could stand together on the shelf.

Peterson, Michael P. *Mapping in the Cloud*. New York; London: Guilford Press, 2014 (ISBN: 9781462514038 (hb)/9781462514045 (e-book)). xv, 421 pages; illustrations, maps.

The first maps were created so long ago that we do not have an accurate date to coincide with their creation. The most recent map just happened as you are reading this column. Whether you are creating or using maps, the future will be a landscape that includes electronic maps that are stored somewhere, which can be retrieved and used on demand. The remote network of data storage systems, where work is being accomplished that is fully resident “somewhere else” is becoming the standard.

This book is a handbook for beginners and advanced users and producers of electronic map resources. It provides a good description of cloud and networked systems, along with instruction on programming and setting up mapping systems for the online environment.

The term “cloud” computing is defined by the National Institute of Standards and Technology (NIST) as “*a model for enabling convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction.*”--p. 10 Federal government agencies are now required to use cloud computing when there is no reason not to. For map-related activities, this means that our future is in the cloud.

This book describes not only the process of cloud computing for mappers, it also explains why it is necessary to move to the networked environment. The introduction provides a fair assessment of current mapping online and in paper, and discusses the potential for improving services and maintenance of electronic map resources.

The succeeding chapters describe various aspects of cartography in relation to their use in the electronic world. Some of the information is the same as for printed maps, however, the author relates these to computing systems. Included are the methods for finding maps using search engines and other tools. For the map user, this offers instruction on how maps are stored and retrieved. The chapter on map galleries discusses ways to set up a website of maps so that the user can access the contents effectively. Part of this discusses obtaining a web host, programming data and retrieval methods, and using HTML to prepare a map website.

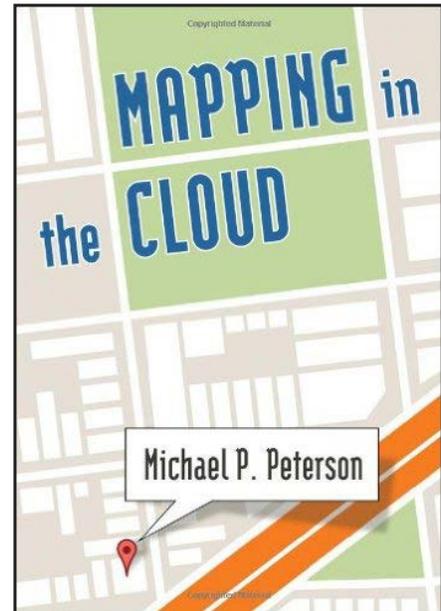
Other chapters describe mapping conventions, digitizing techniques, making map mashups, and other concepts needed to create and publish online maps. Chapters on GIS, map layers, database map systems, animated maps, and mapping for mobile systems, provide a full approach to get a “cloud” cartographer started, as well as to keep them running.

This book also functions to provide adequate descriptions of cartographic conventions, regardless of format (print or electronic). As such, it will assist mappers and map users in map interpretation for any type of map.

Overall, this is a good all-around description of cloud computing and online map techniques and practices. It is useful for college level through professional worker, and also can be of service to librarians and map users in terms of explaining the world of online maps in the present and future.

Conclusion

Enjoy the end of summer and we’ll meet again this autumn.–DJB



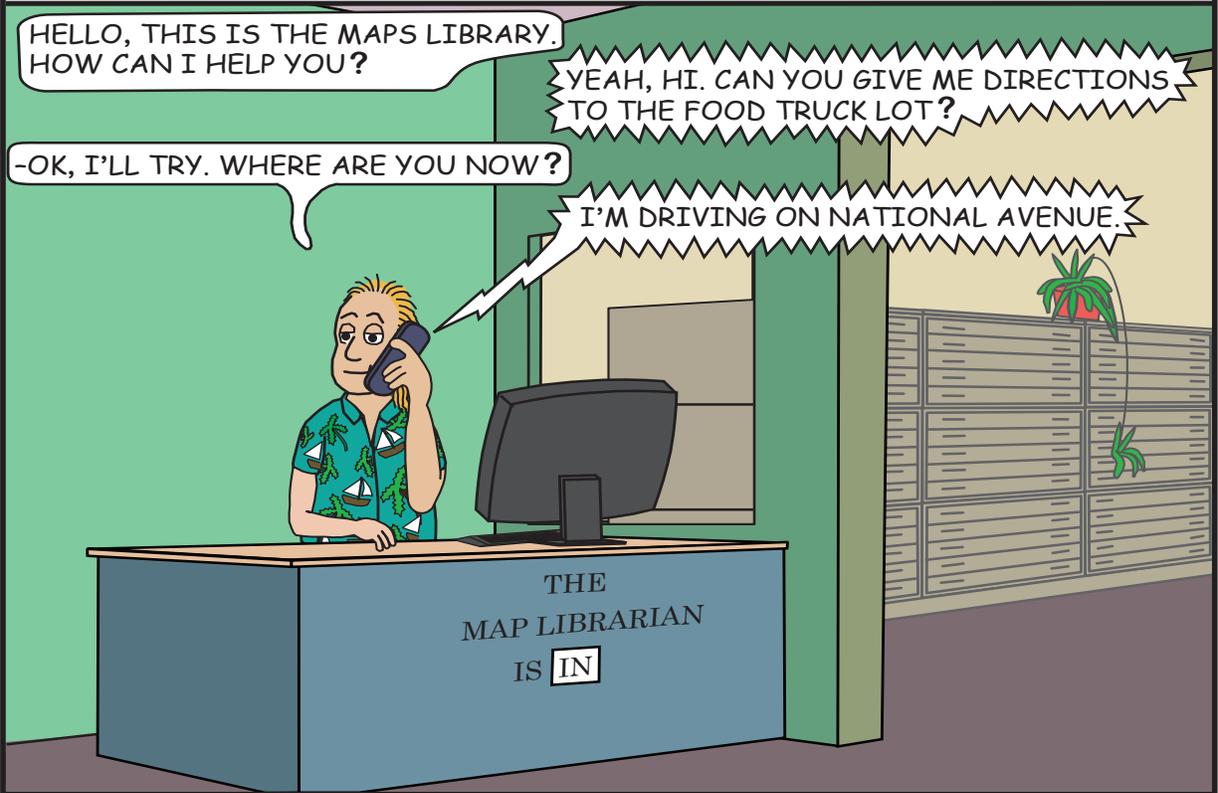
Great Moments In Map Librarianship by Jim Coombs

HELLO, THIS IS THE MAPS LIBRARY.
HOW CAN I HELP YOU?

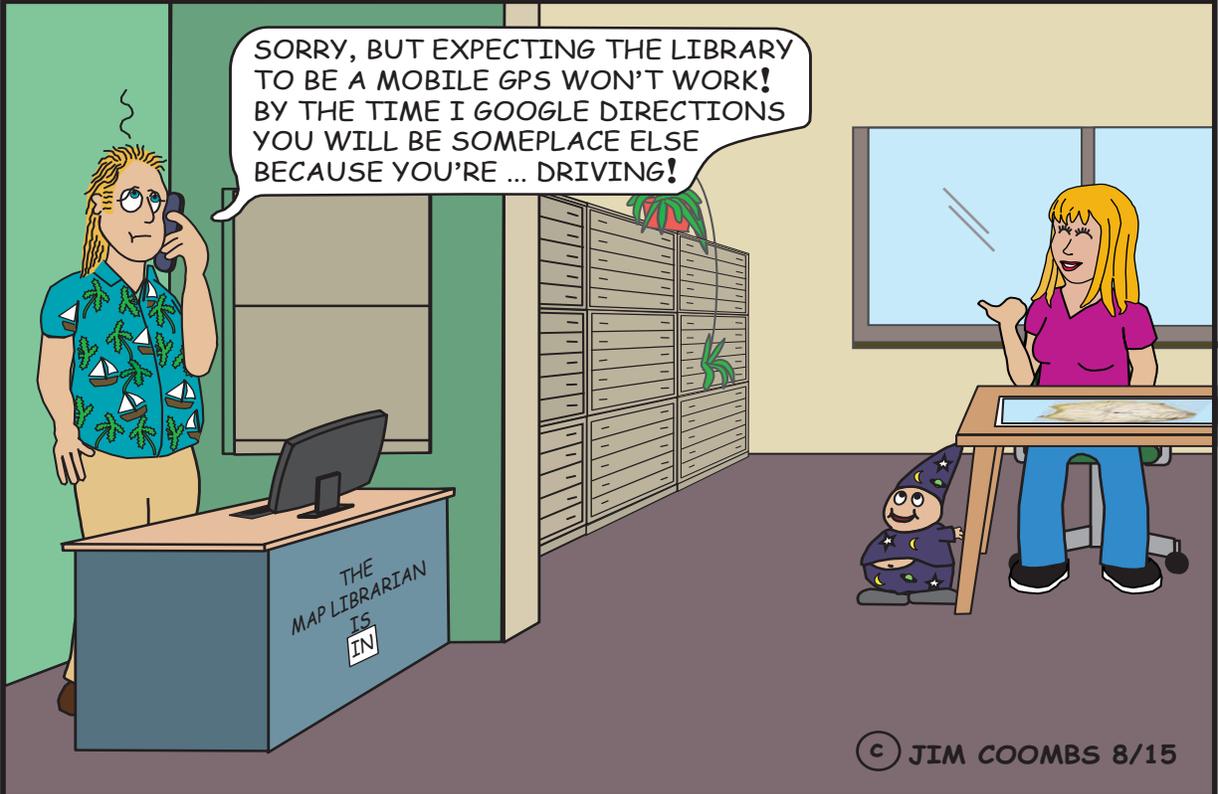
YEAH, HI. CAN YOU GIVE ME DIRECTIONS
TO THE FOOD TRUCK LOT?

-OK, I'LL TRY. WHERE ARE YOU NOW?

I'M DRIVING ON NATIONAL AVENUE.



SORRY, BUT EXPECTING THE LIBRARY
TO BE A MOBILE GPS WON'T WORK!
BY THE TIME I GOOGLE DIRECTIONS
YOU WILL BE SOMEPLACE ELSE
BECAUSE YOU'RE ... DRIVING!



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