Western Association of Map Libraries

“... to encourage high standards in every phase of organization and administration of map libraries...”
The Western Association of Map Libraries is an independent association of persons. The Membership has defined its Principal Region for meeting locations as: the Provinces of Alberta and British Columbia, and the States of Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming.

Membership in WAML is open to any individual interested in furthering the purpose of the Association, which is “to encourage high standards in every phase of the organization and administration of map libraries.” Membership includes receipt of all issues of the Information Bulletin and Electronic News & Notes (if an email address is provided), mail announcements of WAML meetings, voting privileges and receipt of WAML ballots.

Dues are US$30 per year and all memberships begin July 1. You may join any time of the year by sending your name, address, phone, fax, email address and US$30 to the WAML Treasurer at the address below. Make checks payable to “WAML” or the “Western Association of Map Libraries.” Lifetime membership is open to any individual for a one-time payment of US$500. In addition to all membership privileges listed above, Lifetime Members also receive a copy of each volume published in the WAML Occasional Paper series. For more information about WAML, its purpose, meetings and membership, see the WAML Web site at http://www.waml.org or contact an officer listed below.

WAML and its Information Bulletin operate on a membership/volume-year basis. Subscriptions begin July 1 and end on June 30 the following year. Mid-year joiners/subscribers will receive back issues for that year. Back issues of the Information Bulletin are available for US$10/volume, or portion thereof, from the Subscription Manager.

Subscriptions to the Information Bulletin are US$35 per volume year. The Information Bulletin is issued three times each year: Issue #1 in November, Issue #2 in March, and Issue #3 in July. In addition to the subscription cost, US$3 is charged for postage to Canada and US$10 is charged for mailing to countries outside of the US and Canada.

### WAML Executive Board (July 1, 2007 - June 30, 2008)

<table>
<thead>
<tr>
<th>President</th>
<th>Past President</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mary H. Douglass</td>
<td>Wendie Helms</td>
</tr>
<tr>
<td>Librarian - History, Travel &amp; Maps Department</td>
<td>Map Collection</td>
</tr>
<tr>
<td>Seattle Public Library</td>
<td>Science Library</td>
</tr>
<tr>
<td>1000 Fourth Ave. Seattle, WA 98104</td>
<td>3401 Watkins Dr. Riverside, CA 92521</td>
</tr>
<tr>
<td>Workroom Phone 206-733-9083</td>
<td>(951) 827-6423</td>
</tr>
<tr>
<td>Reference Desk 206-386-4632</td>
<td><a href="mailto:wendie@ucr.edu">wendie@ucr.edu</a></td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Vice President/President Elect</th>
<th>Treasurer</th>
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<tr>
<td>Kathy Stroud</td>
<td>Barbara Gasman</td>
</tr>
<tr>
<td>Map/GIS Librarian</td>
<td>Novacell Technologies</td>
</tr>
<tr>
<td>Government Information and Maps Librarianship</td>
<td>P.O. Box 2244</td>
</tr>
<tr>
<td>Shields Library</td>
<td>Menlo Park CA 94026-2244</td>
</tr>
<tr>
<td>100 N.W. Quad</td>
<td>(650) 473-9449</td>
</tr>
<tr>
<td>University of California Davis, CA 95616</td>
<td><a href="mailto:bgasman@novacell.com">bgasman@novacell.com</a></td>
</tr>
<tr>
<td>(530) 752-5248</td>
<td></td>
</tr>
<tr>
<td><a href="mailto:kpstroud@ucdavis.edu">kpstroud@ucdavis.edu</a></td>
<td></td>
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<tr>
<th>Secretary</th>
<th>Subscription Manager</th>
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<tr>
<td>Greg Armento</td>
<td>Jim O’Donnell</td>
</tr>
<tr>
<td>University Library</td>
<td>Geology Library 100-23</td>
</tr>
<tr>
<td>California State University</td>
<td>California Institute of Technology</td>
</tr>
<tr>
<td>1250 Bellflower Boulevard Long Beach, CA 90840</td>
<td>Pasadena, CA 91125</td>
</tr>
<tr>
<td>(562) 985-4367</td>
<td><a href="mailto:wamlsubsmgr@yahoo.com">wamlsubsmgr@yahoo.com</a></td>
</tr>
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<th>Business Manager</th>
<th>Membership Manager</th>
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<tr>
<td>Julie Hoff</td>
<td>Christopher Thiry</td>
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<tr>
<td>WAML Book &amp; Sales Manager</td>
<td>Map Librarian</td>
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<tr>
<td>Map Collection</td>
<td>Arthur Lakes Library</td>
</tr>
<tr>
<td>Arizona State Library</td>
<td>Colorado School of Mines</td>
</tr>
<tr>
<td>1700 West Washington</td>
<td>Golden, CO 80401-1887</td>
</tr>
<tr>
<td>Phoenix, AZ 85007</td>
<td>(303) 273-3697</td>
</tr>
<tr>
<td>(602) 926-3878</td>
<td>Fax: (303) 273-3199</td>
</tr>
<tr>
<td><a href="mailto:jhoff@lib.az.us">jhoff@lib.az.us</a></td>
<td><a href="mailto:cthiry@mines.edu">cthiry@mines.edu</a></td>
</tr>
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Instructions for Authors

The Western Association of Map Libraries Information Bulletin publishes feature articles, photoessays, association business and selected news and notes related to all forms of cartographic information, including maps, spatial data, GIS, and all aspects of map librarianship. Articles are invited that will address the interests of the publications’ audience. Individuals are encouraged to submit unsolicited articles for consideration.

Length: Articles should be submitted to the Information Bulletin editor via email or on disk in either Microsoft Word or ASCII text format. Submissions should be accompanied by a printed copy which is no more than 20 double-spaced printed pages. Do not include any special formatting, such as page breaks and indentations in the article. Paragraphs should be separated by two line breaks. When submitting articles on disk, please note the author(s) name(s), the word processing program, a brief title of your article and the file name(s) on the disk. Cartographic information is, for the most part, a visual medium, so illustrations should be included whenever possible. Note the approximate location of illustrations by inserting a separate sentence in the text of the article:

Insert Figure 1 Here

The Production Editor will place the image based on the text flow and page layout of the article.

Illustrations: Illustrations and graphic material should be submitted in scanner-ready or computer-readable form (gif, jpg or tiff). If it is absolutely impossible to submit scanned images, photographic prints and photocopies may be submitted. All photocopies, even copies of black and white illustrations, should be copied on a color copy machine, as they have a higher resolution than standard black and white copiers. Tables should be word processed and saved as a separate file on the disk.

References: References should be included in the text in Author Date format (Jones, 1998). References Cited should be listed at the end of the article in a separate section titled REFERENCES CITED. Citations should be listed alphabetically and written in Author Date style. References to web sites should be written:

Author’s Last Name, First Name, Month, Day & Year Updated. Title of the web site. <URL> (Date site accessed).

Author Information: The author should include a brief title before the text of the article. Information about the author(s) should also be included: author’s name, position, address and e-mail address, if available.

Editing: The editors reserve the right to make minor copy-editing changes.

Acceptance of manuscripts: The WAML Information Bulletin editors reserve the right to accept or reject articles.

Book, Atlas & Media Reviews

Atlas and book reviews and reviews of digital cartographic products, software and data are welcome. Contact the Atlas & Book Review Editor, Kathy Rankin or the IB Editor. For more information on atlas and book reviews, see the instructions for reviewers in the Book Review section of the Information Bulletin.
Contribution Guidelines for News & Notes

*News & Notes* contains information on: Benchmarks (major events related to people or Map Libraries, specifically map library events in or about the principal region), Canadian News, Cataloging News, Conferences and Classes, Digital Spatial Data, Employment, General News, Internet Resources, New Publications and cartographic materials, Periodical Articles and news from US Federal, State and Local Government agencies related to map librarianship and the principal region. Submit items to the *News & Notes* Editor or the appropriate State or Province editor at any time for inclusion in WAML *News & Notes* (N & N).

*N & N* is a monthly publication that is compiled and posted on the WAML web site at [http://www.waml.org](http://www.waml.org). The *N & N* Editor appreciates receiving contributions via e-mail, but will accept regular mail as well. Please flag time-sensitive items in the subject line. Back issues of *N & N* can be viewed on the WAML Web site. Selected *N & N* items also appear in the *Information Bulletin*. Potential sources for news items include: communication with colleagues, listservs (please acknowledge original author and list), Web sites (use search engines to search for maps, atlases, cartography, geospatial data, GIS and your state, county or city), automated notification services, journals and newspapers, vendor publisher and agency catalogs, newsletters and conference announcements.

*N & N* includes the regular feature “New Mapping of Western North America.” Submit citations for new print and digital maps and atlases of the *Western United States and Canadian Provinces* to Ken Rockwell, New Mapping Editor. Include ordering information if possible.

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**Information Bulletin and Electronic News & Notes**

**EDITORIAL STAFF**

**News & Notes Editor**  
Cynthia Jahns  
Head, Maps Unit  
Science & Engineering Library  
Univ. of California-Santa Cruz  
1156 High St.  
Santa Cruz, CA 95064-1078  
(831) 459-3187  
cjahns@ctas.ucsc.edu

**New Mapping of Western North America Editor**  
Ken Rockwell  
Marriott Library  
University of Utah  
Salt Lake City, UT 84112  
ken.rockwell@library.utah.edu

**Information Bulletin Editor**  
Matthew Parsons  
Map Collection and Cartographic Information Services Unit  
Univ. of Washington Libraries  
Box 352900  
Seattle, WA 98195  
Phone: (206) 543-9392  
parsonsm@u.washington.edu

**Photo Essay Editor**  
Ross Togashi  
Map Collection  
University of Hawaii Libraries  
2550 The Mall  
Honolulu, HI 96822  
(808) 956-6199  
Fax (808) 956-5968  
rtogashi@hawaii.edu

**Atlas & Book Review Editor**  
Jon Jablonski  
MAP/GIS Librarian  
Knight Library Document Center  
University of Oregon  
Eugene, OR 97403-1299  
(541)-346-3051  
jonjab@uoregon.edu

**Editorial Advisor and Micrographics/Technology Editor**  
Larry Cruse  
University Library, C075P  
UC San Diego  
La Jolla, CA 92093-0175  
(619) 534-1248  
Fax (619) 534-7548  
Larry_Cruse@UCSDLIBRARY.ucsd.edu
State and Province Editors

State and Province Editors have volunteered to be especially vigilant for news, notes and ideas for features and will accept contributions for their state or province at any time and forward them for publication.

**Alaska Editor**
John Kawula
Government Documents & Map Librarian
Rasmuson Library
University of Alaska
Fairbanks, AK 99775-6800
ffjdk@uaf.edu

**Arizona Editor**
Dale Steele
Arizona Dept of Transportation

**British Columbia Editor**
Tim Ross
Map Librarian
Univ. of British Columbia Library
1956 Main Mall
Vancouver, BC V6T 1Z1
(604) 822-6191
Voice Mail (604) 822-2231
Fax (604) 822-3335
timross@unixg.ubc.ca

**Colorado Editor**
Christopher Thiry
Map Librarian
Arthur Lakes Library
Colorado School of Mines
Golden, CO 80401-1887
(303) 273-3697
Fax (303) 273-3199
cthiry@mines.edu

**Hawaii/Pacific Rim Editor**
Riley Moffat
Division of Learning Resources
Brigham Young University
Box 1966
Laie, HI 96762
(808) 293-3850
Fax (808) 293-3877
moffatr@byuh.edu

**Oregon Editor**
Jon Jablonski
Map/GIS Librarian
Documents Center
University of Oregon
Eugene, OR 97403-1299
(541) 346-3051
jonjab@uoregon.edu

**Nevada Editor**
Linda Newman
DeLaMare Library/MS 262
University of Nevada
Reno, NV 89557
(775) 784-6945 ext. 20
Fax (775) 784-6949
lnewman@unr.edu

**Utah Editor**
Ken Rockwell
Marriott Library
University of Utah
Salt Lake City, UT 84112
ken.rockwell@library.utah.edu

**Washington State Editor**
Matthew Parsons
Map Librarian
Univ. of Washington Libraries
Map Collection and Cartographic Information Services Unit
Box 352900
Seattle WA 98195
(206) 543-9392
parsonsm@u.washington.edu

**Editor vacancies:**
Alberta, California, Montana, New Mexico, Wyoming, Idaho
Lists for 2007/08 Membership Year

Committees and Representatives

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President -- Mary Douglass
Vice President/President Elect -- Kathy Stroud
Secretary -- Greg Armento
Treasurer -- Barbara Gasman
Past President -- Wendie Helms

Appointees
Archivist -- Julie Sweetkind-Singer, (2000 - )
Business Manager -- Julie Hoff (2002 - )
Subscription Manager -- Jim O’Donnell, (1997 - )
Webmaster -- Katie Lage (2006 - )
Membership Manager -- Christopher Thiry, (2005 - )

Membership/Hospitality Committee:
Carol Doyle (2002 - )
Suzanne Taylor (2005 - )
Yvonne Wilson, Chair (2002 - )

Nominating Committee
Mable Suzuki, Chair (2006 - 2007)
Riley Moffat
Chris Thiry

Publications Advisory Committee (PAC):
Ken Rockwell, Chair (2006 - )
David Allen (2004 - )
Barbara Gasman (2004 - )
Riley Moffat (2004 - )
Linda Newman (2004 - )

Ex Officio:
Matthew Parsons, IB Ed./Prod. Ed. (2003 - )
Julie Hoff (2002 - )

Web Site Committee
Katie Lage, Chair (2005 - )
Julie Hoff (2005 - )
Cynthia Jahns (2005 - )
Michael Fry (2006 - )
Linda Zellmer (2005 - )

Rules and Procedures Committee
Cynthia Jahns, Chair (2006 - )
Wendie Helms (2006 - )
Mabel Suzuki (2006 - )
Julie Sweetkind-Singer (2006 - )
Chris Thiry (2006 - )

Continuing Education Committee
Julie Sweetkind-Singer, Chair (2005 - )
Mary Douglass (2005 - )
Matthew Parsons (2005 - )
Kathy Rankin (2005 - )
Anne Zald (2005 - )

Representatives/Liaisons
To AACCCM -- Mary Larsgaard (1992 - )
To ACMLA -- Tim Ross (1991 - )
To ALA/MAGERT --
Kathy Rankin (2004 -)
To CCISA -- Linda Zellmer (1999 - )
To CUAC --
Katie Lage (2005 - )
Michael Fry (2006 - )
To GSIS -- Linda Newman (2002 - )
To IFLA --
Dorothy McGarry (2002 - )
To SLA/G&M -- Dorothy McGarry (2005 - )
WAML SPRING 2007 MEETING
PASADENA, CA FEB. 15-18
RECAP

WAML Spring Meeting at Caltech
Minutes of Executive Board
Winnet Student Center Lounge
February 15, 2007

Present: Executive Board Officers (Wendie Helms, President; Mary Douglass, Vice President/President Elect; Mabel Suzuki, Past President; Barbara Gasman, Treasurer; Greg Armento, Secretary). Others present: Mathew Parsons, IB Editor & Production Manager; Chris Thiry, Membership Manager; Jim O’Donnell, Subscription Manager; Kathryn Lage, Webmaster; Cynthia Jahns, News and Notes Editor; Yvonne Wilson, Hospitality Committee; Kathy Rankin, Continuing Education Committee; Dorothy McGarry

Meeting began @ 1:10 p.m.

Opening

Spring meeting host, Jim O’Donnell thanked Novacell for helping underwrite cost of the meeting. He discussed logistics and programmatic adjustments to schedule.

President Wendie Helms thanked Kathy Lage and Cynthia Jahns for agreeing to be Webmaster and News and Notes Editor, respectively, on a permanent basis.

Officers’ Reports

Secretary
Greg Armento summarized minutes from past Executive Board meeting in Flagstaff, with focus on action items.

Treasurer
Barbara Gasman reported that current balances were $17,068.34 in checking and $10,639.39 in savings. Income from July 1-2006 thru Feb 6, 2007 was $3,655 in membership, $405.50 in book sales and $3,829 in subscriptions. Expenses from the same period were $1519.03 for printing IB vol. 37-3, $1610.54 for IB vol. 38-1 and $1,245.15 for postage. Expenses for the fall (Flagstaff meeting) were $5334.66 collected and total cost, $5449.32

Business Manager
Julie Hoff was not present but Wendie Helms read her report. There were 8 units of Occasional Papers sold totaling $213. The most popular seller was OP #10, Riley Moffat’s Map index to topographic quadrangles of the United States, 1882-1940. $225 was received for book orders from May 2006 – February 2007, with an additional $10 in postage fees received. Total deposits to the WAML treasurer as of February 08, 2007 amounted to $235. Expenditures for postage amounted to $7.40 and payments outstanding were $42.50. Noting the list of OP’s available on the WAML web page publications link, Julie suggested including web page links to those that are available online. She noted OP 1, 2, and 3 have online links. She suggests updating both the web page and the back page of the WAML IB to show these links. Julie is also working with Chris Thiry, the organizer of the fall WAML Denver meeting regarding 40th anniversary pins, tokens, seals, or some other commemorative items.

Subscription Manager
Jim O’Donnell reported that we currently have 35 US, 38 Canadian and 40 international Information Bulletin subscribers. Jim recommended the Executive Board consider increasing subscription rates. He suggested running an analysis of expenses to see what subscription costs should be. Our last rate increase was 5 years ago. After an analysis is completed, he recommends Executive Board revisit the issue before the fall meeting in Denver so that we can get the
new rate out before subscription renewals come due. Jim suggests starting this analysis after the March 2007 IB comes out. There was consensus at the meeting that Matthew Parsons and Jim O’Donnell work on such analysis to evaluate subscription costs and that they make a recommendation to the Executive Board some time in May 2007.

Information Bulletin Editor and Production Manager
Matthew Parsons reported on the cost and status of Information Bulletin production. Postage for the IB is now being handled by the University of Washington Libraries and then invoiced to WAML. This allows WAML to pay for exact postage per item sent. In the past WAML has usually over paid by a couple of cents per item due to stamp denomination amounts not adding up to the exact postage required. The IB “News of Note” section is being pulled and adapted for inclusion in the IB from the WAML “News & Notes” Web page. The next issue due out will be vol. 38, no. 2, in March 2007. The domain of “waml.org” will expire in 2010. He is working on the process of transferring the domain.

A discussion ensued from the Executive Board about the possibility of officially noting the IB as a “peer reviewed” journal. There was some discussion on how to achieve this level of overview. Matthew Parsons reported that this type of article is infrequent in the IB and that it would not be a heavy burden on a designated review panel to evaluate an occasional submission that might qualify. There was consensus from members present that the Executive Board could become the peer review panel for articles. The IB Editor, when such an article is received for possible publication, could route it to the Executive Board for peer review. The IB Editor should create an appropriate statement in the “instructions to authors” section of the IB that notes the Executive Board is the peer reviewing panel. Matt will draft such a statement and send to the Executive Board.

Book Review Editor
Jon Jablonski was not present but Wendie Helms read his report. Jon reports that he has collected reviews for his 2nd column and is putting it together. It will consist of “guest reviews” from graduate geography students at the University of Oregon. He will be working on a 2nd round of reviews for the next column shortly. He reports that the transition from Kathy Rankin to himself has gone well. He needs to work with Matthew Parsons regarding scheduling and the timing of review columns. He reports that the position is fun and he hopes to be doing it for a while.

Membership Manager
Chris Thiry reported there are currently 139 members, 7 of which are life members and 23 new. Fifteen members have not renewed. Chris wanted to discuss the issue of membership exchanges. We send the IB to four institutions: Geo Abstracts in Norwich, UK; USGS in Reston, VA; The USGS in Menlo Park, CA, and The National Diet Library in Tokyo. There was consensus among those present that Chris should ask the four whether they still have an interest in receiving the IB. Chris also reports that he is investigating means of renewing membership electronically. He suggests that online renewal forms would be the default mechanism for renewal and that print would only be sent out if the member opted to renew in that manner. Chris also reported on his recent membership drive. He had sent out 300+ flyers and gained 8-10 new members. He is sending a WAML pin to new members.

Vice President
Mary Douglass reported on future meetings. Chris Thiry will host our fall 2007 meeting on October 24-27 at the Denver Public Library. There are still slots for presenters. Spring 2008 will be in Las Vegas, probably in mid March. It will be hosted by Kathy Rankin and held at the Flamingo Branch of the Las Vegas Public Library. Fall 2008 is proposed for UC San Diego. The host will be Megan Dregar and Michael Smith. These arrangements are
yet unconfirmed as of February 2007. Spring 2009 is slated for the University of Utah in Salt Lake City with Ken Rockwell as host. Fall 2009 will be in Yosemite with Cynthia Jahns, of UC-Santa Cruz organizing in conjunction with librarians at Stanford and University of Nevada, Reno.

Publication Advisory Committee
Committee chair, David Deckelbaum was not present but Wendie Helms read his report. The committee has yet to decide what to do with the digitized version of Riley Moffat’s Index to Topographic Quadrangles of the United States. David believes WAML should make the PDF of the index available to members to do with as they want; although other members of the PAC may not be of the same opinion. The committee has not yet settled on a methodology for indexing the digitized index to the IB, or who will actually do the work. David has feelers out for someone who might be interested in doing the work however. He is also working arranging for a successor to his role as chair of the Publications Advisory Committee. David is retiring this summer and he is hopeful that this person will commit to taking on the chairmanship.

After the report was read, those present asked Chris Thiry, the organizer of the next meeting to be sure to slate some time in the Denver program when WAML committees can meet.

Continuing Education Committee
Mary Douglass gave committee chair Julie Sweetkind-Singer’s report. The green sheet in this meeting’s program packet provided a themes and logistics of this meetings breakout sessions.

The Education Committee coordinated a workshop led by Kathy Stroud on Google Earth at the fall WAML meeting in Arizona. The workshop was well attended and we received positive feedback on Kathy’s role in leading it. It was hard to get people back together since they were having so much fun using Google Earth during the hands-on part of the session. Many thanks go to Kathy for taking on the role and volunteering to help out.

We have planned four discussion sessions for Friday morning at this conference. The Education Committee (EC) chose the topics and then recruited the volunteers to run each session. I was pleased to get 4 responses immediately to my request for volunteers on the WAML mailing list. Each person chose their topic and then was assigned a liaison from the EC who provided support, if needed, to prepare for the talk. The four presenters, their topics, and their liaison are listed: a) Map discovery: Michael Fry b) Grant getting/writing: Julie Sweetkind-Singer c) Student library project help: Amy Ciccone d) Map theft: Katie Lage. During the presentations, a liaison will take notes and report back to the assembled WAMLites at the end of the breakout sessions. The liaisons will also be responsible for submitting a short summary, in paragraph form, to Matthew for inclusion in the IB with the rest of the meeting notes. The committee members will meet with Chris Thiry during the Pasadena meeting to discuss possible topics for the workshop at the fall conference. We have a long list of possible topics and will also gauge interest in expanding one of our discussion sessions on Friday into a full-blown workshop.

Webmaster
Kathryn Lage reported as follows. Regarding committee membership, Julie Sweetkind-Singer has resigned. The web committee would like to thank her very much for shepherding us through the redesign of the web site and for her advice and creative ideas. Michael Fry has joined the committee to fill Julie’s seat. The committee thanks Matthew Parsons for working to transfer the domain name registration to his name.

--Web Site Issues: From a web design standpoint, using PayPal for registration looks to be fairly easy. The committee will need to work with Barbara Gasman, Treasurer on linking the WAML’s PayPal account if it is set up. Regarding the map
digitization clearinghouse, Matt Paskus has some neat ideas to add RSS feeds and allow the clearinghouse to host distributed records for scanned maps using xml. He would be willing to do the work to set these features up if we wanted. The web committee will discuss his and Janet Collins’ ideas at our meeting during the conference. Updating the older News and Notes pages is still in process. Linda Zellmer will convert all pre-2000 News and Notes to searchable PDF documents. Katie will convert the 2000-on issues to the new WAML website design. Cynthia Jahns volunteered to create a map/GIS librarianship job blog. UCSC will host.

--Issues Under Development:
The committee decided against posting book reviews published in the IB on the website. The committee felt that the book reviews were a big draw to subscribers of the IB and we should not give them away for free. News & Notes will publicize the book reviews and the web committee is considering putting a bibliography of published book reviews on the website as a way of promoting them.

*Past President*
Mabel Suzuki is putting together a nominating committee for upcoming elections. She will be updating WAML regarding the status of the nominating committee on the online News & Notes.

*News and Notes Editor*
Cynthia Jahns reported that there was a lot of new material loaded into the January-February 2007 News and Notes. She is working on a jobs blog for future editions. Her emphasis with the blog will be on map and GIS library openings and will include government document jobs if they overlap in duties with the former categories.

*Standing Rules and Procedures Committee*
Cynthia Jahns reports that this ad hoc committee will be convening this summer. She is looking at CARL standing rules “as an inspiration” for what WAML might do. Mabel Suzuki offered some suggestions on committee membership.

*Old Business*

Updating of Conference Manual:
There was discussion of who should edit and update the conference manual. Two items that might need revising: 1) Options for late registrants. How should program organizers handle late registration? And how should web registration be handled? 2) Standards and procedures for gifts and honorariums. How should these be incorporated in a consistent way into future meetings. Katie Lage reported that she and Julie Sweetkind-Singer had made numerous edits and updates to the conference manual. Mary Douglass suggested it should be the Vice President’s duty to act as the conference manual editor. It was Motioned Seconded and Passed (MSP) by the Executive Board to add to Vice President’s duties the job of conference manual editor.

Feedback from Presidents of Related Associations:
Wendie Helms reported on feedback received from other map library associated organizations. She reports these common concerns: 1) How can chairs of map organizations keep in touch? Should we meet during the Cartographic Advisory User’s Council meetings? 2) Consolidation of registries and upkeep of an ongoing digital scanning project registry. Who will maintain it into the future? 3) The CUAC sponsored “Maps in Transition” and similar meetings. How often, when, who should work to keep them going? 4) Are others using Pay Pal and does it work well? 5) Are there other concerns, such as future staffing of map libraries, etc.? Wendie reported that the CUAC web page at http://cuac.wustl.edu/ includes these map related organizations: WAML, GSIS, ALA MAGERT, NEMO, NACIS, SLA G&M, ALA GODORT. Their next meeting is at USGS Reston, VA, April 26-27, 2007.

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*Hospitality Committee*
Yvonne Wilson thanked support Omnigraphics for their support providing meeting breakfast goods. Yvonne will be assisting Jim O’Donnell with early bird reception.
She had received very different comments and ideas when discussing her concerns with association chairs. Wendie will continue to discuss with other chairs this spring, 2007 and report at the next Executive Board Meeting.

PayPal and WAML Business: Barbara Gasman discussed costs of using PayPal. Chris Thiry supported using PayPal for its convenience. He suggested using it for his upcoming meeting in Denver. Chris Thiry, Katie Lage and Barbara Gasman offered to work on using PayPal for upcoming renewals and Denver meeting registration. It was MSP by the Board to authorize Chris Thiry, Katie Lage and Barbara Gasman to investigate the possibility of using PayPal for membership renewal and for WAML registration for the upcoming meeting in Denver.

Honorariums: Matthew Parsons clarified the impression that the Editor of the Information Bulletin receives a $1000 honorarium. Actually the IB Editor receives a $500 honorarium and the IB Production Manager receives a $500 honorarium. Right now those positions are held by one person who receives a cumulative $1000 honorarium. Completing the task left over from the fall 2006 Executive Board meeting, it was MSP by the Executive Board to establish a $300 honorarium for the News and Notes Editor.

New Business

Elections Online
Is there any way for WAML elections to be conducted online? Can we create online registration and new membership forms? These issues should be further discussed at our next meeting.

Occasional Paper Guidelines
There have been inquires from potential authors to publish an Occasional Paper. Wendie Helms inquired if we had “instructions to authors” guidelines for potential OP authors to assist them (and us) in gauging whether their topic would be appropriate to WAML’s mission. The members present did not know of any written standards. Wendie will ask the Publications Advisory Committee if they would want to prepare a statement that can guide future OP authors.

Publications Advisory Committee Chair Vacancy
Item was dealt with in committee report, see above.

Executive Board Adjourned @ 4:40 p.m.

WAML Business Meeting February 16, 2007

The Business Meeting and Sounding Board commenced @ 8:30 a.m. at Caltech in the Winnet Student Center Lounge.

Call To Order and Introductions

Meeting host Jim O’Donnell provided a greeting to those assembled and went over logistics. He thanked Hospitality Committee chair, Yvonne Wilson for her assistance the previous evening with the Early Bird reception.

President Wendie Helms asked for assembled membership to introduce themselves and the institutions they represent.

Officers Reports

Secretary
Greg Armento reviewed the highlights of the previous afternoon’s Executive Board meeting.

Treasurer
See Barbara Gasman’s report in the Executive Board minutes. At this assembly, Barbara asked the group if they supported the notion of using PayPal for meeting registration and membership renewal. Many hands were raised in the affirmative.

Subscription Manager
Jim O'Donnell noted that subscriptions are steady at 150. He suggested the possibility of raising subscription rates. He will be running an analysis of expenses in late spring 2007 to see what subscription costs should be. Our last rate increase was 5 years ago.

Vice President
Mary Douglass reviewed the list of upcoming meetings. (See
Executive Board Minutes for details). Chris Thiry, the host of the fall 2007 meeting in Denver, still has slots for speakers. If you have a proposal, see him. The field trip will for this meeting will likely be Rocky Mountain National Park. The Continuing Education Committee is developing workshop topics for this meeting. Kathy Rankin briefly mentioned her upcoming meeting in March 2008 at a branch of the Las Vegas Public Library. The field trip will likely be Death Valley.

Membership Manager
See the WAML Executive Board Minutes for the report. To the assembled membership, Chris noted that he is investigating means of renewing membership electronically. He suggests that online renewal forms would be the default mechanism for renewal and that print would only be sent out per member’s preference. His suggestion met with general agreement amongst those present.

Continuing Education Committee
Julie Sweetkind-Singer reviewed the agenda and logistics for this meeting’s breakout sessions. She thanked Kathy Stroud for moderating the Google Earth breakout session at last fall’s meeting in Flagstaff. Julie outlined plans for future workshops.

Webmaster
Katie Lage discussed the status of the scanned map registry. She is planning improvements to the list arrangement. Cynthia Jahns is working on a job postings blog to be added to the News and Notes. The web page will include an annotated list of book reviews included in the IB. This should serve as a means to promote the IB.

News and Notes
Cynthia Jahns informed us that there is a lot of new data ready to be loaded into the latest News & Notes.

IB Editor and Manager
Matthew Parsons noted that the deadline for submissions to the next IB would at the end of February.

Liaison Reports
AACCCM
Mary Larsgaard reported. It is composed of members from 5 countries - Australia, Canada, New Zealand, United Kingdom, and the United States.
There are four AACR countries (Australia, Canada, United Kingdom, United States), and a cataloger in any one of these countries may transmit comments on RDA (Resource Description and Access) through the JSC representative(s) in that country. RDA is currently scheduled for publication in 2009. Revisions to the manual are based on revisions to AACR2R, and since these are going to be few and far between until after RDA is published, AACCCM is not currently generating any revisions to the manual.

ACML
Tim Ross noted the dates for upcoming meetings, May 9th to Sunday, May 13th at McGill University in Montreal. Tim reported that the Canadian Map Office will stay open. The Canadian government reversed their earlier decision. Also Canadian topographic maps will continue to be printed. This reversal came about through, among other efforts, a letter writing campaign by map librarians.

MAGERT
Kathy Rankin reported on upcoming plans for ALA/MAGERT in Washington DC in June 2007. MAGERT is planning to have a reception and tour of the Naval Observatory at ALA Annual on Friday, June 22nd, in Washington, D.C. MAGERT is also planning a preconference at the Library of Congress with sponsorship from the Rare Books and Manuscripts Section and ALCTS on cataloging pre-twentieth century maps. MAGERT will also have a program titled Two Hundred Years of the Coast Survey and a program on security for map collections. The MAGERT Map Scanning Registry has 15 entries. Chris Kollen is contacting other people to ask them to submit their sites. They are competing with our and GPO’s scanning registries. Scarecrow Press has sold about 300 copies of the
Guide to U.S. Map Resources as of June. Thirteen articles have been published in MAGERT’s electronic journal Coordinates. MAGERT has scanned all the issues of Meridian. Now they have to figure out how to put them up on the web and how to index them. ALA has an Emerging Leaders program in which they pay registration costs at both Midwinter and Annual for the people they select for the program. They selected our own Matt Parsons. MAGERT’s chair said they had stolen him, but I prefer to think we are sharing him with them. Matt has agreed to run for secretary of MAGERT. MAGERT discussed having Base line only be available electronically, but they have not made a decision on that yet. Another possibility is to have only four issues a year or to try to get more advertising to offset the cost of publishing it in print. The Education Committee is discussing whether there are competencies for map librarians. They are thinking of writing a syllabus on metadata and discussing getting together with library school deans to talk about how they can prepare students to be map librarians.

CUAC
Michael Fry and Katie Lage reported on CUAC activities. Michael reported on the need for respective membership feedback on the NISO Metadata Standards. Send feedback to your CUAC representatives. Mary Larsgaard noted the importance of your feedback as the draft standards need editing.

IFLA
Dorothy McGarry reported on the Geography and Map Libraries Section. IFLA will meet August 19-23, 2007 in Durban, South Africa. There will be 4 speakers at the Section program, one each from Russia, the UK, the USA and South Africa. A preliminary program should be available soon. The University of Natal has agreed to a visit and program session.

SLA
Dorothy McGarry reported on the Geography and Map Section. The Annual Conference is June 4-6, 2007 in Denver. Programs slated include for June 4: Mapping Business (the Mary Murphy Papers Session) with two papers 1) Consumer Expenditure Survey/Data, 2) Business Locations. On June 6 there will be a Government and Mapping Information Update with focus on 1) GPO’s Future Digital Systems (FDsys), 2) USGS and the Geospatial One Stop, and 3) USDA Tracking Animal Health. Also on June 6, there will be a round table discussion of each of the five sections of the Social Science Division to make plans for the coming year.

GSIS
Jim O’Donnell reported in Linda Newman’s absence. He provided a brief summary of the last GSIS meeting. Their next meeting next meeting will be in Denver, October 28-31, 2007. See the GSIS conference web page for program information.

NEMO
David Allen provided a brief mention of their upcoming meeting on June 7-8, 2007 in New York City.

Old Business
Wendie Helms reminded assembled membership that WAML still needs State Editors for the IB contributions. See Wendie if you’d like more information.

New Business
No items

Sounding Board
Chris Thiry, host of WAML @ 40 in Denver, solicited ideas for trinkets, tokens, souvenirs, commemoratives and tchotskes for the fall 2007 meeting. Contact him if you have ideas.

David Deckelbaum is retiring. He is Chair of the Publications Advisory Committee. See Wendie if you are interested in participating in this committee.
plan the logistics.

Replying to some membership discussion on GIS services to libraries, Katie Lage suggested she could post these services to the WAML website Toolbox once the links are available.

Mabel Suzuki at University of Hawaii has a new map/GIS librarian working in the map collection. His name is G. Salim Mohammed.

Julie Sweetkind-Singer of Stanford announced that they have developed a collection development policy for geospatial data. She will be posting this policy to the WAML list serve.

By recommendation of the Executive Board, Wendie Helms awarded two plaques for exemplary WAML and professional service. Linda Zellmer, map librarian at University of Indiana and Cynthia Jahns, map librarian at University of California, Santa Cruz received these awards. In addition, Mabel Suzuki received a certificate from the Executive Board in appreciation for her hard work as president of WAML.

Jim O’Donnell thanked Omni graphics for helping support the breakfast provisions during the meeting. He also thanked and Novacell for helping support the WAML banquet.

Sounding Board Adjourned 9:45 a.m.

BREAK-OUT DISCUSSIONS SESSION SUMMARIES:

Grant Writing Discussion Group
(Summary submitted by Julie Sweetkind-Singer)

A discussion group convened at the Pasadena meeting to discuss a variety of aspects of grant procurement topics. Mary Larsgaard (UC Santa Barbara) and Julie Sweetkind-Singer (Stanford) discussed the grants they had received over their careers and included information about the funding agency and the internal processes of the universities that should be followed when applying for and administering a grant. Mary noted that her success rate on procuring grants has been 50%.

Discussion then ensued as to good places to look for grant money. Cynthia Jahns (UC Santa Cruz) strongly suggested looking for campus money as this would avoid high overhead costs and perhaps the paperwork that comes with an external grant. Granting agencies and resources included the Mellon Foundation, LSTA funding, and using grants.gov and the ALA web site listing granting bodies.

It was decided that this would be a useful topic for a workshop. The Continuing Education Committee has agreed to work on this for the Fall 2007 workshop in Denver, CO. It was suggested that possible speakers could include someone from an University Office of Sponsored Research, a library development officer, and a representative who oversees Colorado’s LSTA awards. The workshop will include steps to apply for a grant, reports, and accounting.

Map Discovery Breakout Session
(Breakout Session moderated by Michael Fry, Univ. of Maryland. Summary submitted by Matthew Parsons, Univ. of Washington.)

Group discussion around the viewpoint of providing map reference services and focused on various resources used or consulted to answer vexing questions. Both print and digital resources were mentioned in the discussion.

Things to consider:
* Who would have created such a map?
* Who would be doing research/work in this field/local (military? NGO? Gov. Agency?, etc.)

* What “subjects” would be assigned to this map by catalogers?

Other helpful tips:
* Knowing the history of the geographic place

Resources often used:
* OCLC
* Terraserver
* Google Earth/Google (as an initial discovery tool, image searching, etc.)
Student Assistants – and Others – in the Map Library:
What Works, What Doesn’t
(Breakout Session moderated by Amy Ciccone, University of Southern California. Summary submitted by Mary Douglass, Seattle Public Library.)

This group focused on a variety of issues related to map room assistants, including the following: sources of students, advantages to the student and to the library; tasks and expectations of the student; and the pros and cons of community volunteers. Highlights of the discussion included the following:

- Thinking about the sources of students on a broad level, from regular paid library help, to work study students assigned to the map library, to student help from departments, and to students doing field work or special projects for credit.
- Consideration of the variety of tasks that students/volunteers could perform, ranging from everyday tasks to special projects.

Discussing these points in a group proved valuable because each person contributed information about the methods and practices involved in his/her institution.

In fact, the group made a recommendation that it would be useful to add information to the Map Librarian’s Toolbox on the WAML webpage about the use of students and volunteers. Two categories were proposed for inclusion – sample job descriptions and special project outlines. Be on the lookout for a call to share this type of information with your colleagues.

Detailed discussion notes:

Sources of help:
In academic institutions:
- Students already on board and working within the library system.
- Work Study – can be limited because no grad students or international students can apply.
- Dedicated funding from a department (such as geography) for a map assistant; often is a grad student.
- Library School students
In Public libraries
- Volunteer tasks have to be carefully thought through because union regulations want to ensure that work is not taken away from staff.

Tasks:
- Map repair – how can a student be trained?
- Degrees of work involved in preservation:
  - Unfolding
  - Flattening
  - Dehumidifying
  - Deacidifying
  - Encapsulation
- Everyday tasks:
  - Shelf reading
  - Searching for OCLC copy
  - Scanning
  - Processing gift maps
- Projects for grad students
  - Create or update finding aids
  - Preparatory bibliographies
  - Acquisitions
  *Review map catalogs and compare to holdings
  *Make list of map dealers

Expectations:
- Set realistic goals
o Establish a training manual; do follow-up after training
o Provide feedback and evaluation

Drawbacks to using students/volunteers:
o Turnover
o Time/energy to manage
o Often the student’s primary goal is to study and take their tests.

Advantages to students:
o Career opportunity – steer them to library school!
o Opportunity to learn subject matter via cross discipline nature of map work.
o Exposure to GIS
o Can add to resume or school portfolio
o Reference to grad school or for job applications
o Mentorship.

Advantages to library:
o Additional labor
o Enthusiasm – helps reinvigorate us.
o Dedicated students want to learn and may have special expertise to share (ex. technology).
o Community volunteers might be map collectors who could turn into donors!

Report on Discussion Group on Map Collection Security
(Summary submitted by Kathy Rankin)

Katie Lage was the discussion leader for this session. She looked at the draft guidelines for map collection security that the MAGERT task force wrote up. She feels that these guidelines are geared toward special collections and large libraries. Harold Ottness wrote an article in the IB in which he said that small and medium-sized libraries are the biggest targets for thieves because there is less control of the map collections there. Thieves probably know what they are looking for, and maps in atlases and folded maps may be the ones that are stolen more often. It is valuable to catalog and inventory those maps.

Other suggestions to make map collections more secure are to put security strips along the edge when encapsulating maps and also in atlases and on CD-ROMs, to mark maps with property stamps, although not along the edge where they can easily be snipped off, to not make maps self-serve, to make people sign in or even leave their drivers’ licenses to look at maps, to have the tables where patrons use maps in view of someone at a service desk, and to give patrons photocopies instead of the actual maps to use.

It is also a good idea to scan or take a digital picture of maps, both because the patron may be willing to use the digital image and not the map itself, which prevents both theft and damage to the map, and the digital image records identifying marks on the maps such as missing pieces, tears, fold lines, and marks. Such things can also be mentioned in catalog records, especially for rare maps. That way if a map is stolen, the library has a better chance of proving ownership if it is recovered. It is possible to make a low resolution image of a map by photographing it with a $500 digital camera. Historical aerial photos can be scanned so that copies can be sold or given to patrons, which also promotes the map collection.

There are registries where stolen maps can be listed. Valuable maps can be put in locked cases or put in locked rooms or in special collections. It is important to know the value of maps in a collection in order to decide which maps to lock up. One way to do it is to look at what maps are selling for on Ebay.

It may not be a good idea to mark maps and atlases with a withdrawn stamp as it is easy for thieves to copy such a stamp and use it to mark maps that have not been withdrawn so they can steal them and sell them.

There is a tension between preserving maps and making them available for use.

Maybe we could have a workshop on map circulation and security or on implementing map security policies in small and medium-sized libraries.
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MEETING ATTENDEES:

ELAINE ADAMS, UCLA
DAVID DECKELBAUM, UCLA
DAVID ALLEN, Stony Brook Univ. (Retired)
GREG ARMENTO, CSU Long Beach
AMY CICCONE, USC
MARY DOUGLASS, Seattle Public Library
MICHAEL FRY, University of Maryland
BARBARA GASMAN, Novacell Technologies
DAVID GUNTER
BARBARA HANER, UCLA
KIRSTEN HARRIS-PARSONS
SUE HAFFNER, CSU Fresno
WENDIE HELMS, UC Riverside
CYNTHIA JAHNS, UC Santa Cruz
ROGER KNOUFF, Arizona State Univ.
KATIE LAGE, University of Colorado, Boulder
MARY L. LARSGAARD, UC Santa Barbara
DOROTHY MCGARRY, UCLA (Retired)
MICHAEL NOGA, MIT
JOHN NOVAK, Novacell Technologies
JIM O’DONELL, Caltech
MATTHEW PARSONS, Univ. of Washington Libraries
KATHERINE L. RANKIN, Univ. of Nevada, Las Vegas
KEN ROCKWELL, Univ. of Utah
TIM ROSS, Univ. of British Columbia
ROBERT SATHRUM, Humboldt State Univ.
DEBORAH SCHAFFER, CSU Los Angeles
LINDA SHIPPERT, Washington State Univ.
JOHN D. STEVENS
MURIEL STRICKLAND, San Diego Historical Society
MABEL SUZUKI, Univ. of Hawaii at Manoa
JULIE SWEETKIND-SINGER, Stanford Univ.
CHRISTOPHER J. J. THIRY, Colorado School of Mines
FATEMAH VAN BUREN, UC Berkeley
YVONNE WILSON, UC Irvine

View conference photos on the Flickr Web site:
http://www.flickr.com/photos/waml/sets/

Meeting Agenda

Thursday, February 15
1:00 PM - Executive Board, Winnett Lounge, Caltech.
6:00 PM - Early Bird dinner.

Friday, February 16
8:00-8:30 AM - Coffee, pastries and registration
8:30-9:15 AM - Introductions and Business Meeting.
9:15-9:35 AM - Sounding Board.
9:35-10:00 AM - John Novack on Novacell’s historical USGS maps.
10:00-10:30 AM - Break.
10:30-Noon - Break-out Discussion Sessions

Noon-1:00 PM - Lunch on your own on campus.
1:15-ish PM - Travel to Huntington Library. Docent tour at 1:30 PM.
6:30-9:00 - WAML Banquet, Margarita Jones.

Saturday, February 17
8:30-9:00 AM - Coffee and registration, Huntington Library Friends Hall.
9:00-9:15 AM - Welcome, Tom Worth, President, California Map Society and Wendie Helms, President, WAML.
9:15-9:45 AM - Dr. Robert C. Ritchie, W. M. Keck Foundation Director of Research, Huntington Library, will welcome us and speak on The Henry Morgan Deretero and the derivative Haack Atlas.
9:45-10:15 AM - Bill Warren, Past CMS President, will give a presentation on Bird’s-eye views of California, the Realtor’s Dreams.
10:15-10:30 AM - Break.
10:30-Noon - Break-out Discussion Sessions
12:00-1:30 PM - Lunch and viewing some Huntington Maps or a walk through the Huntington’s Gardens and Exhibition Halls.
1:30-1:45 PM - CMS Business meeting.
1:45-2:30 PM - Kerry Sieh, Robert P. Sharp Professor of Geology, Tectonic Observatory, Caltech, will speak on The Intersection of Burgeoning Human Population and Natural Hazards-the Case of Sumatra.
2:30-3:00 PM - Dr. Norman J. W. Thrower, UCLA Emeritus Professor and First CMS President, will address the subject of Physicians and Maps, an Interesting Connection.
3:00-3:15 PM - Break.
3:15-4:00 PM - Susan Caughey, CMS VP, will discuss Vermeer’s Maps.
4:00-4:30 PM - David Y. Allen, Map Librarian, Stony Brook University, retired, and Member both CMS and WAML will offer The Comparative Analysis of Old Maps Using Digital Raster Imagery.
4:30 PM - Adjourn.

Post meeting reception at Bill Warren’s Pasadena home, overlooking the Rose Bowl. Maps with directions will be available at the meeting.

Sunday, February 18
Morning - Tour of Descanso Gardens, La Canada Flintridge.

Wade and Sommer, both ESRI employees, have produced a very attractive interdisciplinary dictionary for GIS professionals and students. This is the 2nd edition of work published in 2001 as *The ESRI Press Dictionary of GIS Terminology*. This work includes more than 1800 terms, uses clear language, and provides excellent color graphics to illustrate concepts and terms. Although strongly influenced by GIS developments at ESRI, there has been an effort to focus on general GIS terminology rather than software-specific definitions.

The dictionary draws terminology from several fields that have been critical to the development of GIS technology including cartography, computing, geodesy, mathematics, remote sensing, statistics, and surveying. Other dictionaries that serve this multidisciplinary audience suffer by comparison due to the inclusion of fewer terms or date of publication (McDonnell & Kemp, *International GIS Dictionary*, GeoInformation International, 1995; Wood, Stearns. *A practitioner’s guide to GIS terminology: a glossary of geographic information system terms*. Data West Agency, 1998; *AGI GIS Dictionary* [http://www.geo.ed.ac.uk/agidict/welcome.html]).

Contributors to this dictionary included various ESRI subject matter experts. Drafts of the text were commented upon by external reviewers from academia. Definitions in this publication are derived from an internal ESRI database. As a result, this print publication is in many ways identical to the *GIS Dictionary* provided online by ESRI [http://support.esri.com/gisdictionary]. A comparison of the entries in both sources for the letter C found that the online *GIS Dictionary* included more entries since it included those software-specific terms deliberately omitted from the book. Definitions for terms common to both the print and online source were identical word for word. However, the book edition included more cross-references and excluded secondary, software-specific, term definitions.

The dictionary concludes with an appendix consisting of seven 2-5 page encyclopedia-type articles authored by ESRI instructors and product engineers on various GIS concepts, e.g. cartographic text in ArcGIS software, geometry, how features and feature attributes are stored, layers in ArcGIS, projected and geographic coordinate systems, and remote sensing.

I would recommend this title as an attractive and easy-to-hand item to have on your desk to support GIS work. For those with limited budgets, or whose work style accommodates multiple computer desktop windows, the online resources may be sufficient.

*Anne Zald, Head, Map Collection & Cartographic Information Services, University of Washington Libraries, Seattle.*

*GIS for Environmental Management* is a collection of twelve case studies highlighting the significance of GIS (Geographic Information Systems) in gathering, consolidating and presenting data to help inform important environmental decisions. The case studies – most from the United States but several international – deal with environmental issues ranging from wetlands management and dust pollution to mitigation of coastal oil spills. Each chapter contains a common set of information presented to the reader. Each chapter opens with a description of the issue, with the author essentially answering in a non-condescending manner the questions, “why should I care” or “why is this important.” The importance of the topic is reinforced with numerous pictures complementing the text – such as a picture of an oil spill, forests to be preserved, threatened wetlands, otters, a northern spotted owl. The author provides further engagement by presenting the historical perspective of the lands in question in each chapter. For example, one chapter discusses how GIS was used to help map unexploded ordinance in a presently pristine recreation area in West Virginia. The early part of the chapter describes how the area was used for army training in World War II, accompanied by two photos of infantrymen training. The history of the area is carried through to the 1950s, 1970s, 1990s, and finally to the present. Such history succeeds in providing interesting context.

After the historical introduction of each chapter, the author proceeds to provide some level of project detail and how GIS helped contribute to the problem’s resolution. For example, chapter four deals with preservation of upstate New York wetlands. The author first describes why wetlands are important (some of which are likely not common knowledge – such as wetlands acting as pollution filters that absorb toxins). This is followed by describing the baseline data sources used for the project, such as a soil survey database, USGS topographic maps, and aerial photos from the 1930s to the 1990s. He proceeds with identifying the key researcher involved with the project, and then briefly describes the fieldwork conducted by the researcher and student assistants, the equipment used (GPS linked with Pocket PCs and ArcPad software), and limitations on the project. Further history of the area is offered, followed by the results of the project (such as the researchers finding discrepancies between current data and earlier survey work, and discovering undocumented wetlands). Overall the project has improved the definition between wetland and dry land, which could prove useful in future development restrictions to help the wetlands. As in the other chapters, the author succeeds in providing enough detail to allow the layman to follow the steps taken to complete the project – identifying which base layers of information were used in the project; collecting new data; how various partners’ contributed to the project; and the benefits of completing such work for addressing environmental issues. As twelve separate case studies are presented, twelve sets of players are involved, each using GIS in a particular way to address the issue at hand. The author identifies key individuals involved with each case, whether a professor’s students collecting data in the field or an individual with skills heavy in database design. Within each chapter, the author provides information on which particular GIS software applications were used: ESRI and, to their credit, otherwise.

As stated on the back cover, the author specializes in “simplifying technical topics for a general readership,” and with this goal the author succeeds most of the time. A twenty-term glossary appears at the end of the book, defining some technical terms, such as “edgematching” and “Ripley K analysis.” More importantly is whether the author succeeds in the text
in defining terms he feels the average reader would be unfamiliar with, and in most cases, he succeeds. For example, “ground truthing” is defined at the point of mention in chapter four, “they . . . spent six weeks in the field gathering georeferenced vegetation samples and ground truthing the basemaps, aerial photos, and Landsat images. Ground truthing is the process of conducting ground surveys to confirm details and features shown on maps, aerial photos, or satellite images” (56). Similarly, “sediment measuring transect” is defined in chapter five, “isopleth” in chapter ten, and the aforementioned “edgematching” in chapter eleven. Very rarely the author falls short; wire-frame indexes and photo-center-only spot indexes are mentioned in chapter three, but not defined. As mentioned, the work is full of illustrations. In addition to photos of the threatened environmental element – flora and fauna – the book is replete with grids, maps, satellite imagery, and screen captures of websites and database applications. All of these illustrations complement the text and add a greater degree of understanding of how powerful GIS applications can be. For example, the chapter on biodiversity in Madagascar and the chapter on brownfields in England each contain nine such illustrations.

This book is recommended for both medium to large public libraries and academic libraries of any size. The book succeeds in showing the diverse power of GIS applications within a topic resonant with a wide audience – management and preservation of the environment for future generations. Balanced with numerous photographs, definitions of complex terms, and historical perspective, this work provides enough detail to bridge the gap between science and data presentation on one hand with accessibility to the average reader on the other hand.

Jason Vaughan. Director, Library Technologies. University of Nevada, Las Vegas


The fundamental nature of georeferencing is evident in Linda Hill’s definition: “relating information to geographic location.” Geographic information is a significant component of much of our information about our world. Georeferenced information has become ubiquitous; it is used in commonplace tools such as in-car navigation systems and is highly visible in satellite imagery in television news and advertisements, for example. Digital geospatial data is proliferating in map library collections for use in virtually all disciplines. In her recent book, Georeferencing: the Geographic Associations of Information, Hill discusses the concept of georeferencing, examines its applications, and explores the future of geographic information retrieval. This book is authoritative and comprehensive and is essential for any geospatial reference collection.

Linda Hill brings a broad background to her subject. She has worked and written extensively on research and development of digital libraries, gazetteers, and knowledge organization systems, as well as georeferencing. Now retired from the University of California, Santa Barbara, she had an important role in the development of the Alexandria Digital Library (http://www.alexandria.ucsb.edu/). She aims this well-written primer at different types of information science fields: library science, information science, museum informatics, and geographic information science. Hill says that the premise of her book is that information systems should incorporate the various ways of understanding geographic information and methods of relating information to location into what she calls “unified georeferencing” (p. vii). Hill’s book supports the development of this concept by connecting all facets of georeferencing, from the viewpoint of various information scientists,
in order to further a comprehensive understanding of the field.

After a straightforward introductory chapter that presents a brief history and an introduction to terminology, Hill devotes the following six chapters to a detailed treatment of the components of georeferencing. Depending on the reader’s knowledge base, certain chapters may require focused reading. Hill helps the reader along by providing clear descriptions and illuminating and interesting examples. Chapter 2 discusses how people perceive and respond to geographic space, drawing on research in cognitive psychology. Chapters 3 and 4 cover the types of geographic information, both cartographic and textual materials, and introduce basic cartographic concepts such as projections and coordinates.

In Chapter 5, the longest chapter of the book, Hill demonstrates her extensive knowledge of gazetteers by exploring the emerging role of gazetteers as knowledge organization systems. She gives some background on the history, uses, elements, and data sources of gazetteers, presents four models of the framework of digital gazetteers, and discusses issues of interoperability. The chapter on metadata covers in detail the geospatial elements present in various library and non-library-specific metadata standards. The last chapter considers the new field of geographic information retrieval (GIR), which “draws on both text-based IR [information retrieval] techniques and geospatial matching operations” (p. 212); Hill considers spatial footprints and topological relationships, how these concepts affect spatial matching and, therefore, search effectiveness by examining GIR systems such as GeoRef, the Alexandria Digital Library, and others. Each chapter ends with a useful list of selected resources for further information. These chapters are followed by a glossary, reference list, an index to the book as a whole, and an index to the geographic examples used in the book.

The “Index to Geographic Examples” provides a clear demonstration of the concepts discussed in this book. As the introduction to this appendix explains, the index lists place-names of all types—both traditional named places that might appear in the index of an atlas such as cities or mountains, and more non-traditional and less well-defined terms such as “southern California” that would be found in the full text of a document or “Hurricane Katrina,” the name of an event with a distinct geographic component. An accompanying map shows the extent of the places mentioned in the book, and as Hill explains, were this book about the places instead of about georeferencing geographic information, the index would enable place-based searching and would lead to other resources about a certain place. This index then becomes an illustration of the concept of georeferencing in geographic information retrieval.

Georeferencing is the only comprehensive text on the topic of which this reviewer is aware. As indicative of their increasing importance, georeferencing and digital gazetteer projects are the subject of many recent theses, case studies, and academic articles about georeferencing and digital gazetteer projects. Most texts on geographic information systems contain a chapter on georeferencing. However, searches in OCLC’s WorldCat database uncovered only geographic information systems/science texts and Hill’s book. In addition to the vital role her book plays in filling a hole in the literature, Hill’s book is a far-reaching, inclusive, and critical geographic information science text. Strongly recommended for academic libraries and public libraries with large map and geographic information collections.

Katie Lage is the map librarian at the Jerry Crail Johnson Earth Sciences & Map Library, University of Colorado at Boulder.

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This book starts with a description of Chicago’s flat topography and explains how it played a part in the economic boom in the early 1900s. Descriptions of scholarly studies emphasizing urban community models are detailed. There appears to be no shortage of maps as over 100 black/white maps are peppered throughout the book on nearly every other page.

Chicago’s climate is described in part 2 and figures describe precipitation data, temperature and modified degree days. Did you know that glaciation is responsible for almost all of Chicago’s surface features? Having visited Chicago during the winter months, that fact comes as no surprise to me! Additionally, chapter five contains landforms and lake levels in well made black and white maps.

Ever wonder how Chicago became so ethnically diverse? Hudson lays this out very well in the historical patterns section in Part 3. Fleeing their countries for better environments and opportunities we learn that the German and Irish immigrants were among the first hired to build the canals in the late 1830s. Once the Erie Canal was completed in 1825, investors began to consider canals as a “means to stimulate economic development.” As a result of the new employment prospects, numerous immigrant families began to concentrate along the Chicago River. Hudson also uses this section to visually describe the population in terms of native versus foreign born persons. Later we learn how the flat terrain helped with rapid expansion of the rail network.

In Part 5, Hudson details how the city started to change due to racial unrest by using population maps to illustrate the migration patterns of the majority population from the city to the suburbs.

Nestled near the back of the book, the reader is visually stimulated with over sixty color and black and white photographs of Chicago from 1890-2004. These photographs help to bring Chicago past and present to life.

This book achieves the goal of providing interesting information for those in geography, geology, urban planning, history or cartography. Although not necessarily suited for a map collection, at only $45, I highly recommend this book for academic libraries serving the aforementioned subject areas.

Angela M. Gooden is head of the Geology-Mathematics-Physics Library at the University of Cincinnati, Cincinnati, OH.

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**Review Guidelines**

These guidelines have been created to aid the reviewer on questions of format and general policies for reviews.

**Review Format:** The review should be presented in three sections: 1) the bibliographic citation, 2) the review, 3) identification of the reviewer.

Please submit reviews via e-mail. Microsoft Word format as an attachment is preferred. You may also send your review on 3.5” floppy disks. Please note, if you send your review through floppy or e-mail, also send via fax or mail, a backup paper copy for verification of content. Floppies will be returned upon request. The bibliographic citation should include: Author’s name, title, edition (if applicable), place of publication, publisher, date, number of pages, price, LC number (if known), and ISBN number (if known). An example, including correct punctuation is given below:


Reviews should be double-spaced and follow the usual principles of paragraphing.
If reviewed material is compared with other works, please include author’s name, title, publisher and date of publication within the review itself rather than using footnotes. The review should be followed by your name as you wish to be cited, place of employment, including city and state.

Editorial Policies: The opinions and judgements appearing in WAML reviews are those of the author and do not reflect official sanction of WAML. The book review editor retains the right to make alterations in reviews submitted. If minor revisions do not alter the reviewer’s intent, they will be made without further communication. However, if the review editor feels that extensive revisions are needed, or if changes would result in altering the reviewer’s intent, such editing would only be made with the knowledge and agreement of the reviewer.

Review Content: To a certain extent the contents of a work must be described, however the reviewer should avoid making the review a list of the work’s contents. Rather the review should emphasize analysis, evaluation and comparative criticism. Questions, which should be considered in the review process, include: What is the purpose of the work? Has the content as described by the title been fulfilled? Has the author’s intent as described in the work’s preface and/or introductory remarks been realized in its content? How much of the work’s content is cartographic, or is it primarily written text illustrated by a few maps? How important is this work for research in geography and cartography? Should it be included in library collections, and what kind? The length of your review should be determined by the importance of the item being reviewed.

Reviews of books received by individual libraries that might be of interest to a wider audience are also invited, so long as they follow the review guidelines. Submit reviews to the Review Editor.

Thank you for your attention to these guidelines. Additional reviewers are always welcome. Please feel free to recommend other qualified reviewers who might be interested in submitting reviews to the Information Bulletin.

Jon Jablonski, Review Editor
WAML Information Bulletin
Documents Center
University of Oregon
Eugene, OR 97403-1299
(541) 346-3051
jonjab@uoregon.edu
New Mapping of Western North America

compiled by

Ken Rockwell
University of Utah Library Catalog Department

ALASKA

Alaska Division of Oil and Gas. Oil and gas lease sale, North Slope Foothills areawide 2007: regional tract map. 1 map, scale ca. 1:38,016. Anchorage, Alaska: Alaska Dept. of Natural Resources, Division of Oil and Gas, pub. 2007. OCLC: 122929300


National Geographic Maps. TOPO! pro for Arc GIS. 18 CD-ROMs, input scales differ. Evergreen, Colo.: National Geographic Maps, pub. 2007. OCLC: 131286125


ARIZONA

Ferguson, Charles A. Geologic map of the Fairbank 7.5' quadrangle, Cochise County, Arizona. 1 map, scale 1:24,000. Tucson, AZ: Arizona Geological Survey, Digital geologic map no. 50, pub. 2006. OCLC: 122951734


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**BRITISH COLUMBIA**

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CALIFORNIA


Compass Maps.  El Dorado County street and road atlas: the answer book when you need directions: including Placerville, So. Lake Tahoe ... and nearby communities: including township and range, zip codes ... assessor book numbers.  1 atlas, scale ca. 1:27,000. Modesto, Calif.: Compass Maps, pub. 2006.  OCLC: 124068533

Dibblee, Thomas W.  Geologic map of the Alamo Mountain quadrangle, Ventura and Los Angeles counties, California.  1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-5, pub. 2006.  OCLC: 124053317

Dibblee, Thomas W.  Geologic map of the Altamont quadrangle, Alameda County, California.  1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-197, pub. 2006.  OCLC: 86112311

Dibblee, Thomas W.  Geologic map of the Apache Canyon quadrangle, Ventura & Kern counties, California.  1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-203, pub. 2006.  OCLC: 100307746

Dibblee, Thomas W.  Geologic map of the Arroyo Grande NE quadrangle, San Luis Obispo County, California.  1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-211, pub. 2006.  OCLC: 122406896

Dibblee, Thomas W.  Geologic map of the Carneros Rocks and Belridge quadrangles, San Luis Obispo and Kern counties, California.  1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-284, pub. 2007.  OCLC: 137262136

Dibblee, Thomas W.  Geologic map of the Cayama Peak quadrangle, Santa Barbara & Ventura counties, California.  1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-202, pub. 2006.  OCLC: 100412422

Dibblee, Thomas W.  Geologic map of the Cuddy Valley quadrangle, Ventura & Kern counties, California.  1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-199, pub. 2006.  OCLC: 86112432

Dibblee, Thomas W.  Geologic map of the Cypress Mountain quadrangle, San Luis Obispo County, California.  1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-284, pub. 2007.  OCLC: 137262136

Dibblee, Thomas W.  Geologic map of the California Valley quadrangle, San Luis Obispo County, California.  1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-203, pub. 2006.  OCLC: 100481053

Dibblee, Thomas W.  Geologic map of the Cosio Knob quadrangle, Monterey County, California.  1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-203, pub. 2006.  OCLC: 124084525

Dibblee, Thomas W.  Geologic map of the Cuddy Valley quadrangle, Ventura & Kern counties, California.  1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-203, pub. 2006.  OCLC: 100481053
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<th>Dibblee, Thomas W.</th>
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<td>Geologic map of the Livermore quadrangle, Contra Costa &amp; Alameda counties, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-196, pub. 2006. OCLC: 86112249</td>
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<td>Geologic map of the Lockwood Valley quadrangle, Ventura County, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-255, pub. 2006. OCLC: 124054645</td>
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Dibblee, Thomas W. Geologic map of the Nipomo quadrangle, San Luis Obispo County, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-208, pub. 2006. OCLC: 122272814

Dibblee, Thomas W. Geologic map of the Oceano quadrangle, San Luis Obispo County, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-209, pub. 2006. OCLC: 122273319

Dibblee, Thomas W. Geologic map of the Pancho Rico Valley quadrangle, Monterey County, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-290, pub. 2007. OCLC: 123019997

Dibblee, Thomas W. Geologic map of the Port San Luis quadrangle, San Luis Obispo County, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-213, pub. 2006. OCLC: 122411160

Dibblee, Thomas W. Geologic map of the Pozo Summit quadrangle, San Luis Obispo County, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-256, pub. 2006. OCLC: 124059893

Dibblee, Thomas W. Geologic map of the Rancho Nuevo Creek quadrangle, Santa Barbara & Ventura counties, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-258, pub. 2007. OCLC: 124060003

Dibblee, Thomas W. Geologic map of the Reyes Peak quadrangle, Ventura County, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-257, pub. 2006. OCLC: 124059931

Dibblee, Thomas W. Geologic map of the San Ardo quadrangle, Monterey County, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-289, pub. 2007. OCLC: 137263432

Dibblee, Thomas W. Geologic map of the San Guillermo quadrangle, Ventura County, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-291, pub. 2007. OCLC: 123291064

Dibblee, Thomas W. Geologic map of the Sawtooth Ridge and Emigrant Hill quadrangles, Kern County, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-266, pub. 2006. OCLC: 124082333

Dibblee, Thomas W. Geologic map of the Shale Point and Blackwells Corner quadrangles, Kern County, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-272, pub. 2006. OCLC: 124084233

Dibblee, Thomas W. Geologic map of the Slack Canyon quadrangle, Monterey and Fresno counties, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-291, pub. 2007. OCLC: 123291064

Dibblee, Thomas W. Geologic map of the Smith Mountain quadrangle, Monterey & Fresno counties, California. 1 map, scale 1:24,000. Santa Barbara, CA: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-296, pub. 2006. OCLC: 124082333
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<td>Harrison, Tom. Half Dome trail map: Vernal Fall, Nevada Fall, North</td>
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<td>Rafael, Calif.: Tom Harrison Maps, pub. 2005.</td>
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<tr>
<td>Henry, Christopher D., et al.</td>
<td>Preliminary geologic map of the south half of the Seven Lakes Mountain quadrangle, Washoe County, Nevada and Lassen County, California. 1 map, scale 1:24,000. Reno, Nev.: Nevada Bureau of Mines and Geology, Open-file report no. 05-10, pub. 2005.</td>
<td></td>
</tr>
<tr>
<td>MapEasy, Inc.</td>
<td>MapEasy’s guidemap to Napa &amp; Sonoma: the zesty, full-bodied guide to Northern California’s wine region, a location map with robust comments on wineries, hotels and restaurants, detail maps for Russian River &amp; Alexander Valley SF to Napa &amp; Sonoma Valleys. 2 maps on 1 sheet, scale ca. 1:33,000. Wainscott, NY: MapEasy, pub. 2006.</td>
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<tr>
<td>Trails Illustrated.</td>
<td>Tahoe National Forest, Sierra Buttes/Donner Pass, California, USA: Trails Illustrated map : hiking, mtn bike, Horse &amp; OHV Trails, Pacific Crest Trail, Lakes Basin, Truckee, Mt Rose Wilderness, Jackson Meadows &amp; Stampede Reservoir, outdoor recreation map, revised regularly, waterproof, tear-resistant. 1 map, scale 1:63,360. Evergreen, Colo.: National Geographic Maps, pub. 2006.</td>
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<td>Yosemite NW, Hetch Hetchy Reservoir, California, USA: Lake Leanore, Tilden Lake, White Wolf, Pate Valley, Emigrant Wilderness, outdoor recreation map. 1 map, scale 1:40,000. Evergreen, Colo.: National Geographic Maps, pub. 2006.</td>
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<td>Yosemite SE, Ansel Adams Wilderness, California, USA: Merced Lake, Cloud’s Rest, Cathedral &amp; Clark Ranges, Lyell Canyon, ChiquitoPass, Silver Lake, outdoor recreation map. 1 map, scale 1:40,000. Evergreen, Colo.: Trails Illustrated.</td>
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<td>Trails Illustrated.</td>
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COLORADO


Keller, John W. Geologic map of the Palmer Lake Quadrangle, El Paso County, Colorado. 1 CD-ROM, input scale 1:24,000. Denver, Colo.: Colorado Geological Survey, Open-file report no. 06-6, pub. 2006. OCLC: 85866723


Mapsco, Inc. The roads of
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**HAWAII**


Nielsen, Frank M. Franko’s O’ahu surfing map. 1 map, scale ca. 1:175,000. Corona, Calif.: Franko’s Maps, Ltd., pub. 2006. OCLC: 85825668

Nielsen, Frank M. Franko’s dive map of Maui, the valley isle: recreational map for scuba divers, snorkelers, surfers, kayakers, hikers, bicyclists, tourists and others who love Maui, the valley isle. 1 map, scale ca. 1:325,000. Corona, Calif.: Franko’s Maps, Ltd., pub. 2006. OCLC: 85786255


Nielsen, Frank M. Franko’s O’ahu guide map with things to see and do. 2 maps on 1 sheet, scale ca. 1:10,500. Corona, Calif.: Franko’s Maps, Ltd., pub. 2006. ISBN: 193149470 OCLC: 85785814


IDAHO


[New online mapping and GIS data files reported by Linda Shippert:]


Stream Monitoring Locations [Beneficial Use Reconnaissance
WAML Information Bulletin  38(3) July 2007


MONTANA


Missoula County, (South) Lake County: detail map pages and street index.  1 atlas (various pagings), scale 1:25,344.  Belgrade, Mont.: dtG Maps, 5th ed., pub. 2006.  OCLC: 137245546


NEVADA


National Geographic Maps. Nevada Topo! outdoor recreation mapping software. 7 CD-ROMs, input scale 1:24,000. Evergreen, Colo.: National Geographic Maps, pub. 2006. OCLC: 131286075


[The following publications were reported by Linda Newman:]


NEW MEXICO


OREGON


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### UTAH


**Edgley, Eric.** Ancient Lake Bonneville. 1 map, scale ca. 1:620,000. Salt Lake City, Utah: Utah Division of Water Resources, pub. 2006. OCLC: 85550719 Description: 1 map, scale ca. 1:620,000.

**Edgley, Eric.** Utah’s major waterways. 1 map, scale not given. Salt Lake City, Utah: Utah Division of Water Resources, pub. 2004. OCLC: 85812217

**Niehues, James E.** Zion National Park panoramic hiking map. 1 view, not drawn to scale. Estes Park, Colo.: Fern/Horn Endeavors, rev. 2006. OCLC: 135031904


**Sky High Maps.** Lake Powell Glen Canyon National Recreation Area and surrounding area: photographic satellite map. 1 map, scale ca. 1:95,040. Avon, Colo.: Sky High Maps, pub. 2005. OCLC: 85480857

**Solomon, Barry J.** Surficial geologic map of part of the Kaysville quadrangle, Davis County, Utah. 1 map, scale 1:24,000. Salt Lake City, Utah: Utah Geological Survey, Map 224, pub. 2007. ISBN: 1557917582 OCLC: 122932149


### WASHINGTON

**Blossom, Gordon.** Recreational users’ map of the Yakima River from river mile 196 (RM-196) to the Bureau of Land Management Roza Access Area: providing information on accesses, hazards and take-out points for rafters, anglers and sightseers. 1 atlas (30 p.), scales differ. Ellensburg, Wash.: Kittitas County Field & Stream Club, pub. 2005. OCLC: 123418305

**Fish-n-Map Co.** Puget Sound south. 2 maps on 1 sheet, scale 1:66,700. Arvada, Colo.: Fish-n-Map Co., pub. 2006. OCLC: 85839130

**Fish-n-Map Co.** San Juan Islands, So. Gulf Islands, Strait of Juan de Fuca. 1 map, scale 1:100,000. Arvada, Colo.: Fish-n-Map Co., pub. 2006. OCLC: 99928774


WESTERN CANADA

MapMEDIA Corp.  Western Canada: includes distance charts, full colour mapping.  2 maps on 1 sheet, scale 1:2,000,000.  Whitby, Ont.: Peter Heiler Ltd., pub. 2007.  ISBN: 1553682483  OCLC: 86174857

Fearn, Anne M.  Fearn’s Casper Wyoming traveler info guide: free map, visitor services, water sports, attractions, sightseeing, lodging, dining.  1 map, not drawn to scale.  Vista, Calif.: A.M. Fearn, pub. 2006.  OCLC: 93689305


WYOMING

Adventure Maps, Inc.  Jackson Hole trail map: including: Grand Teton National Park, Bridger-Teton National Forest, Caribou-Targhee National Forest,
**Members of the Month**

Riley Moffat (Mar-Apr., 2007)

**Where did you go to college?**

I have a BS in business administration from BYU-Hawaii, MLS from the University of Hawaii, and MS from BYU-Provo in geography/cartography.

**Tell us what your job at the BYU-Hawaii campus encompasses.**

As Head of Reference I’m responsible for all reference services, bibliographic instruction, collection development and assessment, library web-page development, special collections (our Pacific Islands Room) and ... maps. Then there’s my side jobs of teaching surfing and Pacific geography.

**Where was your first job working with maps?**

BYU in Provo. I was the first full time person there with that assignment. “Maps” was the magic word to get me to come back to America from Tonga. So 10 years full time with maps in Provo then 20 years very part time here in Hawaii.

**What were you doing in Tonga?**

My first job out of library school at UH was running the library system for the LDS Church schools in Tonga. We have 2 secondary schools and 11 middle schools in the Kingdom. It included a bookmobile on the main island and boat boxes for the outer islands. The surf was great but there was never anyone to go with back then. I also got to design secondary school libraries for our schools in Fiji, Samoa, and Kiribati.

**Do you have a favorite map?**

Not particularly; but I like certain styles, often ones that look like they come from copper plate engraving. With computerized cartography it’s not hard to make an eye pleasing map these days.

**Do you ever use maps to locate good surfing spots, and if so, what kind of maps?**

Large scale nautical charts are excellent for researching possible surf possibilities. So are USGS topos when they include bathymetric contours. Unfortunately the latest editions of Hawaii topos dropped them. Must be a homeland security thing?

I think Franko’s are the best on the market. My son, who was a contest surfer, got a degree in GIS and now works for NGA, and I were going to make one up for the North Shore but just when we were gathering our material a few years ago we saw Franko beat us to it. I went ahead and made one up anyway that I give out to people who ask. But we always keep a few ‘secret spots’ to ourselves.

**What’s the most fun you ever had at a WAML conference?**

Probably when the conferences Mabel, Ross and I organized in Hawaii in 1992 and 2002 seemed to work out and everyone was having fun, especially at Kilauea volcano. Also the one we had in Provo in 1987 and we bumped into Robert Redford at dinner.

**What do you like to do when you aren’t being a map librarian?**

Surf, hang out with the family and write.

**What book(s) are you reading these days?**

With work, surf and family I don’t seem to have much time to just sit and read. But I do
seem to keep up with Surfer’s Journal and Newsweek regularly. Over Christmas I read Memoirs of a Geisha. I like things that take me back to another time and/or place.

What is your least favorite thing to do at work?

Strategic planning meetings and reports.

And what’s your favorite thing to do at work?

Actually helping people find things, especially if it has to do with maps and atlases.

Benchmarks

WAML has a new Jobs Blog! The WAML Job Blog lists job postings related to map librarianship, as well as serving as an archive for past job listings. Entries come from jobs posted to MAPS-L, GIS4Lib, and other pertinent listservs. http://internal.library.ucsc.edu/mt/wamlblog/

Canadian News

Free Digital Topographic Data (DTD) now available from the Natural Resources Canada website, Earth Sciences Section. http://ess.nrcan.gc.ca/prodser_e.php

Cataloging News

Mary Larsgaard reports: the Joint Steering Ctte on AACR2R has released the revised draft of Chapter 3, “Carrier.” This is the chapter having to do (mainly) with area 5, MARC21 300. Copy is available at http://www.collectionscanada.ca/jsc/working2.html

Final deadline for public comment is 14 May 2007. ALA MAGERT’s rep to CC:DA is Elizabeth Mangan and Mary Larsgaard recommends sending her your comments.

Conferences & Classes


Apply now for the maps course, A History of Maps & Map Making, at the London Rare Books School 23-26 July. (From a maps-l email, 3-26-07). http://ies.sas.ac.uk/cmps/events/courses/LRBS/index.htm

The next NACIS meeting will be in St. Louis, Missouri from October 10-13, 2007, at the Hilton Frontenac. http://www.nacis.org/

Future WAML Meetings:

Denver, October 24-27, 2007
Las Vegas, early March 2008
San Diego, Fall 2008
http://www.waml.org/meetings.html

Opening November 2, 2007 and continuing into 2008, the Festival of Maps Chicago is a citywide celebration of humanity’s greatest discoveries and the maps that record our boldest explorations. More than 25 cultural and scientific institutions join a unique collaboration that will feature maps, globes, artifacts and artworks and track the evolving technology of wayfinding from ancient to modern times. http://www.festivalofmaps.com/index.html

General News

At the ALA Midwinter meeting in Seattle, GODORT’s Govt. Information Technology Committee (GITCO) decided to stop updating its Clearinghouse of Digital Projects, and transfer the information on state, local, and international projects to the GPO Registry of U.S. Government Publication Digitization Projects. A simple search on “Maps” turned up several projects, including “Historical Soil Survey Maps of South Carolina”.

Easier Ordering of Published Maps AND Free Downloading of GeoPDF Files at the USGS Store: A new “Map Locator and Downloader” in the USGS Store was launched to help visitors with two tasks:

1. Finding and ordering topo maps of any place in the U.S. and Antarctica.
2. Downloading new GeoPDF files derived from scans of the topo maps

GeoPDF data available through
this system will be expanded to include higher resolution scans of historic topo quads, other historic map products, and new products being produced from The National Map.

**NASA has developed a free Java application called the “G.Projector”** (Global Map Projector). You can use it to explore a large collection (60 in this first version) of global map projections. It also allows you to project user supplied GIF, JPG or PNG equirectangular map images. A graticule and continental outlines may be drawn, and the resulting map images can be saved to disk in GIF, PDF, PNG or PS format. A small library of compatible map images is available.

- From MAPS-L, 22 Mar 2007, submitted by Paul Bryan Anderson

**Internet Resources**

Katie Lage reports the the **University of Colorado Boulder** is unveiling a new web site: **Building Colorado Story by Story: The Sanborn Fire Insurance Map Collection** is a digital collection of Sanborn fire insurance maps of cities across Colorado. The collection contains 346 maps of 79 principal cities in 52 counties covering the years 1883-1922.

The **Norman B. Leventhal Map Center** at Boston Public Library announces its new web site. http://maps.bpl.org/

**Google** has created a tool to let non-technical users create **Google Maps mashups**, extending this capability beyond the realm of software developers. Click on the “My Maps” tab, then check out the “America’s Highway: Oral Histories of Route 66” map as a great example of what can be done with this tool.

The **National Geologic Map Database (NGMDB) Map Catalog** now includes a graphical map search box. At the Quick Search and Comprehensive Search, this new search box lets you zoom into the base map and define the search area. They also added a counter to the search page which, on-the-fly, lets you know how many maps will be found according to your search criteria, without needing to hit the search button. Last month, that counter was added to Geolex, the lexicon of lithologic and geochronologic names.

Phil Hoehn reports that 1041 New Maps have been added to the **David Rumsey Collection**. The online collection now numbers 15,869 maps and related images. Among the wonderful new additions are the report of the United States Exploring Expedition, 1845; Atlas of Hamilton County, Ohio, 1869 (Cincinnati); Report U.S. Geographical Surveys West of the 100th Meridian volume 1, 1875 by Wheeler; Scribner’s Statistical Atlas of the United States, 1883; Statistical Atlas of the United States, 1898 from the United States Census Office; Twelfth Census of the United States, taken in the year 1900, Statistical Atlas, 1903; and the Atlante Internazionale, 1929 Touring Club Italiano, Milano.

**New Publications**

*Compiled by Phil Hoehn*


Western Association of Map Libraries

Microform Publications

Information Bulletin

Occasional Papers

Paper Publications

Occasional Papers
1978 Index to Early Twentieth-Century City Plans Appearing in Guidebooks: Baedeker, Muirhead-Blue Guides, Murray, J.J.G.R., etc., Plus Selected Other Works to Provide Worldwide Coverage of over 2,000 Plans to over 1,200 Communities, Found in 74 Guidebooks by Harold M. Otness. OP4. LC #78-15094 ISBN 0-939112-05-1 $6.00
1980 Index to Nineteenth-Century City Plans Appearing in Guidebooks: Baedeker, Murray, Joanne, Black, Appleton, Meyer, Plus Selected Other Works to Provide Coverage of over 1,800 Plans to Nearly 600 Communities, Found in 164 Guidebooks by Harold M. Otness. OP7. LC #80-24483 ISBN 0-939112-08-6 $6.00
1981 Printed Maps of Utah to 1900; An Annotated Cartobibliography by Riley Moore Moffat. OP8. LC #81-14599 ISBN 0-939112-09-4 $10.00
1986 Map Index to Topographic Quadrangles of the United States, 1882-1940 by Riley Moore Moffat. OP10. LC #84-21984 ISBN 0-939112-12-4 $40.00

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Julie Hoff, WAML Book & Sales Manager
Map Collection
Arizona State Library
1700 West Washington
Phoenix, AZ 85007
Phone: (602) 926-3878; Fax: (602) 256-7984