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](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, 2009 - June 30, 2010)

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<th>Phone</th>
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<td>Map Collection and Cartographic Information Services Unit</td>
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<td>University of Washington Libraries</td>
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### WAML Appointed Positions

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<tr>
<td>Subscription Manager</td>
<td>Jim O'Donnell</td>
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**New Mapping of Western North America** compiled by Ken Rockwell

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**News & Notes compiled by Cynthia Jahns**

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- Canadian News
- Cataloging News
- Conferences & Classes
- General News
- Internet Resources
- New Publications

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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 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. 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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Editor vacancies:
Alberta, California, Montana, New Mexico, Idaho
Lists for 2008/09 Membership Year
Committees and Representatives

Executive Board
President -- Matthew Parsons
Vice President/President Elect -- Michael Smith
Secretary -- Russell Guy
Treasurer -- Yvonne Wilson
Past President -- Kathy Stroud

Appointees
Archivist -- Jane Ingalls (2007 -)
Business Manager -- Julie Hoff (2002 -)
Subscription Manager -- Jim O’Donnell (1997 -)
Webmaster -- Katie Lage (2006 -)
Membership Manager -- Janet Dombrowski (2009 -)

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

Nominating Committee
Mary Douglass, Chair (2008 - 2009)

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. (2003 -)
Julie Hoff (2002 -)

Web Site Committee
Katie Lage, Chair (2005 -)
Julie Hoff (2005 -)
Michael Smith (2009 -)
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 -)
Kathy Rankin (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 -)

Announcements:
2009-2010 Election Results:
It is my pleasure to inform the WAML membership that our new Vice President/President-Elect is Mike Smith, Map Librarian, UC San Diego and our new Secretary is Russell Guy, Omni Resources. Both Mike and Russell will serve in these positions during the July 1, 2009-June 30, 2010 term. Congratulations to both of them!

I would like to thank the Nominating Committee: Mary Douglass, Chair, Jim O’Donnell and Chris Thiry for their work; and John Kawula, past-Secretary, for mailing the ballots and tabulating the results.

-Matt Parsons, WAML President
**WAML Spring 2009 Meeting**

*University of Utah Marriott Library, Salt Lake City, UT*

**Program, Attendees, and Minutes**

**PROGRAM:**

**Wed. 4/29**
* 2:00–5:00 p.m.: WAML Executive Board meeting. Location: Marriott Library, University of Utah, Level 5 Conference Room
* 6:00 p.m.: Early-bird dinner: Let’s meet at Desert Edge Brewery in Trolley Square, a microbrewery with a variety of good food, including pasta, sandwiches, salads, and Mexican. We won’t necessarily be able to all sit together, but it’s a good casual atmosphere for jawboning with your colleagues. And if the scene is too crazy for you, there are other dining options here. Easy access by TRAX light-rail to the “Trolley Station” a block away. From the station walk South down 600 East, find the main building at Trolley Square (south side of block), and it’s upstairs on the west side, just opposite the Old Spaghetti Factory. Trolley Square was the garage for the old trolley system that got put out of business by the postwar switch to automobile dominance.

**Thurs. 4/30**
* 8:30–10:30 a.m. Pre-conference workshop, “Effective use of online maps in library reference,” hosted by WAML’s Continuing Education Committee, which provided the following summary: “Map web sites and viewers are powerful tools for accessing spatial information quickly. Often, they can be used to answer reference questions from easy to more difficult queries. We’ll look at a number of web sites and viewers, explore their functionality, and provide tips for easier use. We’ll talk about common reference questions and discuss possible sites that would provide answers.” Location: Marriott Library, room 1160.
* 11:00 a.m. Meeting opens; formal welcome from Library Director Joyce Ogborn
* Noon–1:30 Lunch on your own
* 2:30–2:45 Break
* 3:45–5:00 Judy Jones and Chris Cummings of FamilySearch.org, “Genealogical mapping initiatives at FamilySearch.org” Jones will speak on “England jurisdictions, 1851: using GIS to find ancestors,” and Cummings will talk about “Using GIS at FamilySearch.org”
* 5:00–7:00 Time to freshen up and migrate downtown.
* 7:00 p.m. WAML Spring Banquet at Lamb’s Grill, Salt Lake’s oldest and most renowned restaurant. Located downtown at 169 S. Main Street. You can take our TRAX light-rail from near the Guest House to Gallivan station and walk a half-block north on east side of Main to Lamb’s.

**Fri. 5/1**
* 8:30–9:30 Cindy Clark, “GeoMAPP: Geospatial Multi-state Archive and Preservation Partnership, an interstate effort to preserve geospatial data”
* 9:30–11:15 David Davis and Barry Napier, “Services at the Utah USDA offices, including the Aerial Photography Field Office and the Geospatial Service and Technology Cen-
* 11:15–noon Jim Catlin, “Mapping Utah’s wilderness lands for the Wild Utah Project.”
* Noon–1:30 Lunch on your own
* 1:30–3:00 “WAML’s Future,” a continuation of the discussion on the future of WAML and map librarianship that we began at the San Diego meeting in October 2008.
* 3:00–5:00 WAML Business Meeting and Sounding Board
* 5:00–late Dinner and relaxation on your own.

Sat. 5/2
We will be visiting Golden Spike National Historic Site, where the transcontinental railroad was completed on May 10, 1869—140 years ago!

MINUTES:

WAML Spring Meeting
University of Utah
April 29-May 2, 2009

Executive Board Minutes,
April 29, 2009

PRELIMINARIES:

Executive Board Members
(Present): Kathy Stroud (President); Matthew Parsons (Vice President / President-Elect); Yvonne Wilson (Treasurer); John Kawula (Secretary)

Executive Board Member (Not present): Mary Douglass (Past President)

Others attending: Janet Dombrowski; Tamsen Hert; Jon Jablonski; Dorothy McGarry; Tami McGill; Jim O’Donnell; Ken Rockwell

The Board meeting was called to order at 2:00 PM by President Kathy Stroud. The pre-submitted agenda was closely followed.

Kathy Stroud expressed thanks to Ken Rockwell and the University of Utah for hosting the conference.

Ken Rockwell provided some logistics for the present conference. He expected a revenue surplus of at least $600. It was decided without a vote that this would be used to pay for the early bird supper April 29.

OFFICER REPORTS AND DISCUSSION:

• Secretary (John Kawula):
Minutes from the Executive Board Meeting of October 1, 2008 and General Business Meeting of October 3, 2008 were passed out. The minutes from both meeting were approved 4-0.

The final vote on the proposed By-Law changes was 59 ballots in favor of all changes as proposed; one ballot cast “No” on the proposed change to Section 4.2 permitting a reduction in general meetings to one per year, and “Yes” on all other proposed changes.

• Treasurer (Yvonne Wilson):

Current Balances:

Checking: $18,090.79
(Statement of 4/28/09)

Savings: $10,702.30
(Statement of 4/14/09)

Total: $28,793.09

Overall Total Income
(October 1, 2008-April 28, 2009): $4,831.00

Overall Total Expenses
(October 1, 2008-April 28, 2009): $6,559.05

Reflected in this is a balance of -$35 from the October 2008 San Diego Conference

Discussion included the March 2008 Board authorization of the purchase of a CD in order to safely invest a portion of assets. So far a CD has not been purchased. It was agreed without a vote that a purchase might not be advantageous in the present low interest rate environment. However the Board wanted to continue with the concept, so Yvonne will look into such
a purchase from a local bank.

The previously authorized purchase of Quicken or similar financial software has not yet been made.

- **Vice-President (Matthew Parsons) (Including discussion)**

Future meetings:
- Fall 2009: September 15-18; Cody Wyoming
- Spring 2010: March 17-19 University of Oregon
- Fall 2010: Open (probably no meeting)
- Spring 2011: University of British Columbia (with ACMLA)
- Fall 2011: Open (Yosemite a possibility)

The three members from Wyoming (Tamsen Hert, Tami McGill, and Janet Dombrowski) discussed plans for the Fall 2009 meeting. A full schedule of speakers and events has been planned. The Cody Hotel is holding 40 rooms. They will release these on July 15 if not reserved by individual members. The Yellowstone field trip has been difficult to finalize because of confusing procedures and requirements of the concessionaires. However progress has been made and it appears that the per capita cost will be $60-$65.

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### APPOINTEE REPORTS:

- **Business Manager (Julie Hoff):** (Not present but submitted a written report. As she missed the Fall 2008 meeting, this covers the period April 2008-April 2009).

  Occasional Papers sold: 13 (9 of which were OP #10: UGSS Topo Index by Riley Moffat). Total Sales $422.00 + $10.00 postage = $432.00 deposits to WAML Treasurer.

  Julie noted that one recipient of OP #10 complained about the weak binding that appeared to have degraded while in storage. She recommended to the Board that the price on this one item be reduced.

- **Subscription Manager (Jim O’Donnell):**


- **Membership Manager (Janet Dombrowski):**

  140 current members (including 6 lifetime)

  Membership peaked in 2007-2008 with 148 members.

  Membership summary:

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- **Interim Webmaster (Cynthia Jahns):** No report.

- **Information Bulletin Editor (Matthew Parsons):** Tom Brittnacher (University of Wisconsin-Milwaukee) is the new Production Editor of the IB. It was noted that IB production should be cheaper than in the past. A Bulletin editor is still needed to replace Matthew Parsons who is stepping down from that position.

- **Archivist (Jane Ingalls):** (Not present but submitted a written report). At present the WAML archives consists of about 12 acid free boxes of sorted materials and a few smaller boxes of unsorted materials.

  The preservation of WAML’s digital materials is being considered.

### COMMITTEE REPORTS:

- **Hospitality Committee (Yvonne Wilson):** Yvonne will assist Ken Rockwell with the registration and associated duties.
Nominations / Elections Committee (Jim O’Donnell): The committee will be making nominations for next year’s officers soon.

Publications Advisory Committee (Ken Rockwell): The original person who was going to index the Information Bulletin backed out. Another person has signed a contract to do the work for $4,500. It will take a year because of concurrent commitments already made. The indexer has started the project and expects to have the first third done by July. When the index is completed we can place it on the WAML Website.

Website Committee: No report.

Continuing Education Committee (Julie Sweetkind-Singer): (Not present but submitted a written report). The committee is presenting a workshop at the Salt Lake meeting regarding web resources useful for answering map and GIS reference questions.

Anne Zald has resigned from the committee. Julie Sweetkind-Singer will continue as a member but not as the head.

Futures (an ad hoc committee) (Julie Sweetkind-Singer): (Not present but submitted a written report). The committee conducted its second survey focusing on the organization and its publications. The results will be discussed in the general session later during this conference and published in the Information Bulletin.

The Futures Committee has completed its tasks and will be disbanded.

OLD BUSINESS:

PayPal Account: The PayPal account was established under their provisions for non-profit entities. However proof of non-profit status must be provided by an official 501 c3 form. WAML does not have such a form and therefore will never have sufficient proof of non-profit status to satisfy PayPal. Yvonne Wilson has cancelled that account and will set up a new account under their provisions for Service Organizations.

Scholarship Proposal: No action has been taken but we still have a $500 offer from Mary Larsgaard and Paige Andrew to fund the first scholarship award.

Distinguished Service Award: Nothing has been formalized. Mary Douglass will draft a recommendation.

Rules and Procedures Manual: No specific actions have been taken. The discussion seemed to favor a small group (ad hoc committee?) of which the President is not the Chair. Yvonne Wilson suggested that in place of the Fall 2010 conference a working session of the Executive Board and other governing people be convened by conference calls or e-mail.

NEW BUSINESS:

Reducing the price on OP #10: It was M/S/P 4-0 that due to the damaged covers, the price of OP #10 will be reduced to $30.00.

Spring Elections: It was agreed without a formal vote to try elections this Spring via Survey Monkey. Written ballots will be sent to those people who want written notification.

Futures Committee: The Board was sent copies of the Futures Committee report. Julie Sweetkind-Singer will lead the discussion concerning this report at Friday’s session.

It was M/S/P 4-0 to adjourn the meeting at about 5:00 PM.
WAML Spring Meeting  
University of Utah  
April 29-May 2 2009

Business Meeting Minutes,  
May 1, 2009

PRELIMINARIES:

Attending:


The meeting was called to order by President Kathy Stroud at 3:00 PM

AWARD PRESENTATION:

Linda Newman was presented with a lifetime membership and a framed award certificate for her many years of dedication and activities in WAML.

OFFICER REPORTS AND DISCUSSION:

•Secretary (John Kawula): Sixty ballots were received for the vote on the proposed By-law changes. The tally was virtually unanimous in favor of all changes as proposed. An oral summary of the Executive Board Meeting April 29, 2009 was presented. This included summaries of the Officers, Appointee and Committee reports. The following summary reports are extracted from the Executive Board minutes:

  •Treasurer (Yvonne Wilson): Current bank account balances as of the most recent statements:

    $18,090.79 (Checking)  
    $10,702.30 (Savings)  
    $28,793.09 (Total)

    Overall Total Income (October 1, 2008-April 28, 2009)  
    $4,831.00

    Overall Total Expenses (October 1, 2008-April 28, 2009)  
    $6,559.05

    The Board wanted to continue with the concept of safely investing some of the money in a Certificate of Deposit (CD) (which was previously authorized but not yet done). Yvonne will look into such a purchase from a local bank.

    •Vice-President (Matthew Parsons): The Yosemite conference plans have been put on hold but still remain a possibility. The current plan for future meetings include:

      Fall 2009: September 15-18; Cody, Wyoming

      Spring 2010: March 17-19; University of Oregon

      Fall 2010: Open (probably no meeting)

      Spring 2011: May 17-21; University of British Columbia

      Fall 2011: Open (Yosemite remains a possibility)

    A full schedule of speakers and events has been planned for the Fall 2009 meeting. The Cody Hotel is holding 40 rooms. They will release these on July 15 if they are not reserved by individual members. The Yellowstone field trip is expected to cost about $60-$65 per capita.

    •Business Manager (Julie Hoff): (As she missed the fall meeting, this covers the period April 2008-April 2009). Occasional Papers sold: 13 (9 of which were OP #10: USGS Topo Index by Riley Moffat). Total Sales with postage: $432.00. Julie noted that one recipient of OP #10 complained about the weak binding that appeared to have degraded while in storage. The Board voted 4-0 to reduce the price of OP #10 to $30.00.

    •Subscription Manager (Jim O’Donnell): Volume 40 of the IB: 116 renewals so far. Anticipated final number of subscribers: 130. Income to date: $3,853.00

    •Membership Manager (Janet Dombrowski): WAML currently has 140 members (including
6 lifetime. The membership peaked in 2007-2008 with 148 members.

• Interim Webmaster (Cynthia Jahns): Nothing to report.

• Information Bulletin Editor (Matthew Parsons): Tom Brittnacher (University of Wisconsin-Milwaukee) is the new Production Editor of the IB. A Bulletin Editor is still needed to replace Matthew Parsons who is stepping down from that position.

• Continuing Education Committee (Julie Sweetkind-Singer): Anne Zald has resigned from the committee. Julie Sweetkind-Singer will continue as a member but not as the head.

• Hospitality Committee (Yvonne Wilson): Yvonne will assist Ken Rockwell with the registration and associated activities.

• Nominations / Elections Committee (Jim O’Donnell): The committee will be making nominations for next year’s officers soon.

• Publications Advisory Committee (Ken Rockwell): A contract has been signed to index the IB for $4,500. The indexer has started the project, and expects to take about a year to finish the work. When the index is completed we can place it on the WAML website.

• Futures (an ad hoc committee) (Julie Sweetkind-Singer): The committee has completed its tasks and will be disbanded.

LIAISON AND REPRESENTATIVE REPORTS

This section extracted from submitted written reports

• Association of Canadian Map Libraries and Archives Association (ACMLA) (Tim Ross): ACMLA has formed a new geospatial data committee to explore opportunities for data access including arrangements to cooperatively acquire materials.

ACMLA’s 2009 conference will be held at Acadia University in Wolfville, Nova Scotia June 9-12. Topics will include mapping the Canadian census and a regenerated Canadian national mapping program.

ACMLA’s 2010 conference will be at the University of Guelph (Ontario); and the 2011 conference to be held in conjunction with WAML at the University of British Columbia May 17-21.

• International Federation of Library Associations (IFLA) (Dorothy McGarry): The Geography and Map Libraries Section of IFLA will co-sponsor a program on preserving cultural heritage with digital maps at the August meeting in Milan, Italy.

• Special Libraries Association (SLA) (Dorothy McGarry): The Geography and Maps Section of SLA will co-sponsor a program regarding the 2010 census at the June meeting in Washington DC.

SOUNDING BOARD:

An interesting and productive discussion was held.

The meeting was adjourned at about 5:00 PM.

The Library of Congress is creating sheet level inventory and holdings data for their nautical charts in preparation for transferring them to offsite storage. LC has now scanned more than 18,000 maps and added them to their online database. They also have a GIS program to fulfill requests from individual Congressman and Congressional Committees.
**Web Sites Mentioned During the WAML Spring 2009 Meeting Presentations**

*Compiled by Ken Rockwell*

**AERIAL PHOTOGRAPHY FIELD OFFICE DISTRIBUTION SERVICES**

Downloads:

**USDA Geospatial Data Gateway:**
http://datagateway.nrcs.usda.gov/

**APFO Geodata Warehouse:**
ArcIMS Service
http://gdw.apfo.usda.gov (Add ArcIMS Server)

Instruction to add the NAIP Imagery web services

ArcIMS Website
http://gdw.apfo.usda.gov/naip/viewer/viewer.htm
http://gdw.apfo.usda.gov/mdog/viewer/viewer.htm

**U.S. FOREST SERVICE**
http://maps.fs.fed.us/

Online Interactive Maps allow users to easily create their own geographic views of specific areas or resources. Visitors to this site can view a forest at various scales while selecting a variety of geographic data, thus enabling better communication and understanding of resource management issues.

Online Interactive Maps bring the power of Geographic Information Systems (GIS) and resource information to everyone’s fingertips. Just a few minutes of orientation can provide the ability to view and query data, and make simple maps. Those who don’t have the time or inclination to learn technical GIS software, don’t need to.

This site provides an index of many of the online interactive maps created by the Forest Service at the Geospatial Service and Technology Center. These interactive maps serve a variety of purposes from supporting the resource management planning process to serving custom recreational maps.

http://fsgeodata.fs.fed.us/clearinghouse/index.html

Here you can view, query, and download vector and raster data, access USFS maps of various scales, and obtain data from Forest Service research and development scientists, state GIS resources, and the Automated Lands Project.

**Geospatial Multistate Archive and Preservation Partnership (GeoMAPP)**
http://www.geomapp.net/

An effort involving the Library of Congress and various states, aiming to address the preservation of “at risk” and temporally significant digital geospatial content. The project also intends to identify other geospatial data sets that would be valuable to preserve due to their utility in analysis such as land use, land cover or population change or content that would be valuable for historic mapping or cultural preservation. Funded by LC’s National Digital Information Infrastructure and Preservation Program.

**National Digital Information Infrastructure and Preservation Program (NDIIPP)**
http://www.digitalpreservation.gov/

**NEVADA IN MAPS**
http://www.delamare.unr.edu/maps/digitalcollections/nv-maps/

**UTAH AVALANCHE CENTER**
http://utahavalanchecenter.org/

**WESTERN SOUNDSCAPE ARCHIVE**
http://westernsoundscape.org/

The Western Soundscape Archive (WSA) recognizes the vital connection between

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**FAMILY SEARCH**
http://labs.familysearch.org/

Keep track of digital initiatives in genealogy at the Family History Library, including those with geospatial components.
places and their soundscapes and features audio recordings of animals and environments throughout the western United States. Begun in November of 2007, the archive is housed at the University of Utah’s J. Willard Marriott Library and features recordings contributed by volunteers, state and federal agencies, and conservation groups. The website continues to grow and currently includes representative sounds of approximately 80% of the West’s bird species, 90% of the region’s frog and toad species, and numerous mammals and reptiles.

**Wild Utah Project**
http://wildutahproject.org/services/gis

Links to some of their GIS map products.

**Jon Jablonski’s Graphic Index to U.S. Nautical Charts**
http://libweb.uoregon.edu/map/naut/nautical_curr_r1.htm
Using Geospatial Tools for Mapping Utah Avalanches

Pat Lambrose, Technology Curriculum Facilitator
Salt Lake City School District
440 East 100 South, Salt Lake City, Ut 84111
pat.lambrose@slc.k12.ut.us

Abstract: Two technologies, GIS (geographic information systems) and GPS (global positioning systems), are used to create and query maps about Utah avalanche deaths from 1941 to present. As an avid Utah backcountry skier since 1974 and a former avalanche forecaster at the Utah Avalanche Center, I wondered what can be learned from mapping these avalanches. What is the average age of the victims? What was the avalanche hazard that day? Are more men killed in avalanches than women? Which recreation group has the highest avalanche death rate (snowboarders, snowmobilers, ski resort skiers, backcountry skiers, snowshoers, etc.)?

At the WAML Spring 2009 conference, I shared how I use GIS (ArcMap, Google Earth, and TOPO!) and GPS technologies to study what factors contribute to avalanche fatalities in Utah. The purpose of this project is to raise avalanche awareness and improve avalanche education.

ArcMap image of Avalanche Fatality locations in Salt Lake County
The data was collected from accident reports published in Snowy Torrents, Google Earth images, TOPO! maps for GPS UTM points, avalanche websites, and paper records of avalanche fatalities from the 1980s.
Mapping Utah Avalanches

Google Earth image of a snowmobile avalanche fatality in Uinta mountains

TOPO! map GPS points of avalanche fatality starting zones
Data sets are used to create simple to complex maps with themes and layers. These maps are interpreted and queried to show trends. The power of ArcMap is the data set’s attribute table that is referenced to each GPS UTM waypoint. These waypoints indicate the 97 avalanche fatality starting zones. One of my challenges was deciding which fields to use in the attribute table. The image below includes a bulleted list of the fields I used.

- Full Moon, Date, Activity, Group Size, Hazard
- Beacon, Male/Female, Age(s), Ski Area, Region
- Location, Weather, Elevation, Aspect
- Steepness (slope angle), Type, Trigger, Size
- Season, Month, Day, Time
- Zone, X-Projection, Y-Projection, Easting, Northing

How do we interpret the findings? The oldest avalanche victim was 57 and the youngest 12. Out of 97 avalanche fatalities, 92 were men and five were women. The first avalanche female fatality happened on March 19, 1985 along the Gotcha Cutoff Road at Park City Mountain Resort. The 1941 avalanche fatality was a skier caught in the area called Snake Pit at Alta.
January has the highest avalanche fatalities with 26, then February with 25, and December with 20 out of the 97 total. Most avalanche fatalities occur on Saturday, which had 33 out of the 97 total. The next days are Wednesday and Sunday, each with 13 avalanche fatalities. The image below shows skiers as the recreational group with the highest avalanche fatalities. Note that the number of avalanche fatalities for snowmobilers is growing. The Utah snowmobiler fatalities data matches the cumulative fatalities by activity for the United States.

The image below shows an avalanche on a popular backcountry slope that was skier triggered. Luckily no one was caught!
What’s next? I plan on completing the attribute table by collecting some missing data fields for accidents between 1988-1995. Once the table is complete, I will import it into ArcMap and begin data interpretation. Also, I hope to share this project with the avalanche professional community and Utah’s GIS professional community.

Utah has incredible skiing terrain. Each season we see unique snowpacks, making avalanche prediction more of an art than an exact science. Hopefully, this study may help winter recreational groups safely enjoy Utah’s Greatest Snow on Earth!

References:
4. Google Earth program.
New Mapping of Western North America

compiled by

Ken Rockwell

University of Utah Library Catalog Department

ALASKA


ALBERTA


BRITISH COLUMBIA

Blais-Stevens, A. Historical landslide events along the Sea to Sky corridor. 1 remote-sensing map, no scale given. Ottawa: Geological Survey of Canada, Open file no. 5678, pub. 2007. OCLC: 314424637


ARIZONA


Blais-Stevens, A. Surficial geology and landslide inventory of the middle Sea to Sky corridor, British Columbia. 1 map, scale
<table>
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<td>Blais-Stevens, A. Surficial geology and landslide inventory of the upper Sea to Sky corridor, British Columbia</td>
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<td>9781553418894</td>
<td>320896034</td>
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<td>Picard, K. Backscatter strength and shaded seafloor relief, Nanaimo, British Columbia</td>
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<td>Joyce, Lan. Manning Park. 2 maps on 1 sheet, scale 1:50,000.</td>
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<td>1:50,000</td>
<td></td>
<td>316835065</td>
</tr>
</tbody>
</table>

**CALIFORNIA**

Actual (Firm). California missions. 1 map, scale ca. 1:780,000. Saint Julien les Villas, France: Actual; Santa Barbara, CA: Dist. by MapLink, pub. 2009. OCLC: 317973570


California Dept. of Forestry and Fire Protection, Mendocino Unit. Jackson Demonstration State Forest. 1 map, scale 1:36,000. Fort Bragg, Calif.: Dept. of Forestry & Fire Protection, Mendocino Unit, pub. 2009. Available from: Dept. of Forestry & Fire Protection, 802 N. Main St., Fort Bragg, CA 95437 $5.00 + $2.54 postage. –Reported by Philip Hoehn


Conant, Bryan. Santa Barbara, Ventura backcountry: Matilija & Dick Smith wilderness map guide. 1 map, scale 1:176,032.
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Map Area</th>
<th>Scale</th>
<th>Publication Date</th>
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<td>Geologic map of the Alvord Mountain &amp; Cave Mountain 15 minute quadrangles: San Bernardino County, California</td>
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<td></td>
<td>2008</td>
<td></td>
</tr>
</tbody>
</table>
of Natural History, Dibblee Geology Center map no. DF-408, pub. 2008. OCLC: 415371732


Dibblee, Thomas W. Geologic map of the Mojave & Castle Butte 15 minute quadrangles, Kern County, California. 1 map, scale 1:62,500. Santa Barbara, Calif.: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-401, pub. 2008. OCLC: 318460420


Dibblee, Thomas W. Geologic map of the Newberry & Cady Mountains 15 minute quadrangles: San Bernardino County, California. 1 map, scale 1:62,500. Santa Barbara, Calif.: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-394, pub. 2008. OCLC: 298258114

Dibblee, Thomas W. Geologic map of the Opal Mountain & Lane Mountain 15 minute quadrangles, San Bernardino County, California. 1 map, scale 1:62,500. Santa Barbara, Calif.: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-402, pub. 2008.

Dibblee, Thomas W. Geologic map of the Plaster City & Brawley 15 minute quadrangles: Imperial County, California. 1 map, scale 1:62,500. Santa Barbara, Calif.: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-406, pub. 2008. OCLC: 415190315

Dibblee, Thomas W. Geologic map of the Point Delgada & Garberville 15 minute quadrangles: Humboldt and Mendocino counties, California. 1 map, scale 1:62,500. Santa Barbara, Calif.: Santa Barbara Museum of Natural History, Dibblee Geology Center map no. DF-414, pub. 2008. OCLC: 415652151


Harrison, Tom. Lake Tahoe recreation map: Tahoe Rim Trail. 1 map, scale 1:70,000.

New Mapping of Western North America 93
<table>
<thead>
<tr>
<th>Title</th>
<th>Location and Publisher</th>
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<td>Description: 1 map, scale 1:70,000.</td>
<td></td>
</tr>
<tr>
<td>National Geographic Maps.  Santa Monica Mountains National Recreation Area, California, USA: Trails Illustrated map, Leo Carrillo, Malibu Creek, Point Mugu, and Topanga state parks, Zuma, Trancas canyons, open space parks and preserves, hiking, biking, and horse trails, outdoor recreation map. 1 map, scale 1:40,000.  Evergreen, Colo.: National Geographic Maps, pub. 2008. ISBN: 9781566954471 OCLC: 406352975</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SatPrint (Firm).  The Santa Cruz Mountains, California. 1 remote-sensing image, scale not given.  San Diego, Calif.: SatPrints, pub. 2008. OCLC: 368288711</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slemmons, David B.  Quaternary fault and lineament map of Owens Valley, Inyo County, California. 1 map, scale ca. 1:75,000.  Boulder, Colo: Geological Society of America, Map and chart series no. MCH096, pub. 2008. OCLC: 297220658</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thomas Bros. Maps.  Highways of San Francisco Bay Area, California: communities included Fremont, Oakland ...</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**New Mapping of Western North America**

**COLORADO**


Clason, George S. A revised version of Clason’s 1903 & 1905 map of the San Juan Triangle. 1 map, scale ca. 1:32,000. Lake City, Colo.: Western Reflections Publishing Co., pub. 2007. ISBN: 9781932738421 OCLC: 301358496


<table>
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<th>ISBN/Location</th>
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<td>Alamosa 30’ x 60’ quadrangle, Alamosa, Conejos and Costilla counties</td>
<td>Reston, Va.: U.S. Geological Survey Open-file</td>
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<td>Guide to the Colorado River in the Grand Canyon: Lees Ferry to</td>
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<tr>
<td>South Cove. 1 atlas (unpaged), scale 1:24,000. Buda, Tex.: River</td>
<td></td>
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<tr>
<td>Tourist guide to Colorado geology. 16 maps on 1 sheet, scales</td>
<td></td>
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<tr>
<td>OCLC: 374599742</td>
<td></td>
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<td>National Geographic Maps. Boulnc, Golden, Colorado, USA: Trails</td>
<td></td>
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<tr>
<td>Illustrated map. 1 map, scale 1:50,000. Evergreen, Colo.: National</td>
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<td>Geographic Maps. South San Juan, Del Norte, Colorado, USA: Trails</td>
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<td>Illustrated map. 1 map, scale 1:63,360. Evergreen, Colo.: National</td>
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<td>Geologic map of the Delta Quadrangle, Delta and Montrose Counties,</td>
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<td>Colorado. 1 CD-ROM, input scale 1:24,000. Denver, Colo.:</td>
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<td>Schulte, Kent. Colorado Springs &amp; Pikes Peak. 1 map, scale 1:75,000.</td>
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<td>Temple, Jay. Geologic map of the Dakan Mountain Quadrangle, Chaffee</td>
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<td>County, Colorado. 1 CD-ROM, input scale 1:24,000. Denver, Colo.:</td>
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<td>National Geographic Maps. Salida, St. Elmo, Mount Shavano, Colorado,</td>
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<td>USA: Trails Illustrated map. 1 map, scale 1:40,680. Evergreen,</td>
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<td>Ruleman, Chester A., et al. Geologic map of the Elkhorn quadrangle,</td>
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<td>Park County, Colorado. 1 map, scale 1:24,000. Reston, Va.: U.S.</td>
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<td>U.S. Forest Service, et al. Gunnison Basin area, Colorado. 1 map,</td>
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<td>9781593511326 OCLC: 328160830</td>
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Radio Tokyo LLC. Hawaii movie tour map, Oahu: Hawaiiewood : visit the set locations from your favorite films and television shows! 1 map, scale ca. 1:120,000. Honolulu: Published by Radio Tokyo LLC dba Filmed in Hawaii, pub. 2007. OCLC: 369117337

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HAWAI'I


Radio Tokyo LLC. Hawaii movie tour map, Oahu: Hawaiiewood : visit the set locations from your favorite films and television shows! 1 map, scale ca. 1:120,000. Honolulu: Published by Radio Tokyo LLC dba Filmed in Hawaii, pub. 2007. OCLC: 369117337

IDAHO


map. 1 map, scale 1:100,000.


Berg, Richard B. Geologic map of the Choteau 30’ x 60’ quadrangle, north central Montana. 1 map, scale 1:100,000.


Coalition to Protect the Rocky Mountain Front. Montana’s Rocky Mountain Front: discovery guide. 1 map, scale ca. 1:290,000. Choteau, Mont.: Coalition to Protect the Rocky Mountain Front, pub. 2009. OCLC: 382467697


Furer, Lloyd C. East-west stratigraphic cross section W-W’ from well logs, showing interval from upper Mississippian through lower Cretaceous, central Montana. 1 sheet.


Mahoney, J. Brian. Geologic map of the Devil’s Fence 7.5’ quadrangle, west-central Montana. 1 map, scale 1:24,000.


Mahoney, J. Brian. Geologic map of the Tacoma Park 7.5’ quadrangle, west-central Montana. 1 map, scale 1:24,000.


Majerowicz, Christina N. Bedrock and surficial geologic map of the Henry Gulch 7.5’ Quadrangle, Beaverhead County, southwest Montana. 1 map, scale 1:24,000. Butte, Mont.: Montana Bureau of Mines and Geology, Open-file report no. 563, pub. 2007. OCLC: 311092791


NEVADA


NEW MEXICO


OREGON


ROCKY MOUNTAIN REGION


UTAH


New Mapping of Western North America


Keith, Jeffrey D. Provisional geologic map of the Tintic Mountain quadrangle, Juab and Utah Counties, Utah. 1 map, scale 1:24,000. Salt Lake City, Utah: Utah Geological Survey, Open-file report no. 545, pub. 2009. OCLC: 316028686


North Star Mapping. Road map of Utah, the beehive state: includes Salt Lake City, Ogden, & Provo, downtown Salt Lake City, national parks & state parks guide, ghost towns, mileage chart. 1 map, scale ca. 1:1,180,000. Cortez, Colo.: North Star Mapping, pub. 2007. ISBN: 9780942927580 OCLC: 299153840


Weber Pathways. Pathways in Weber County: a map of trails & bike routes open to the public. 1 map, scale ca. 1:69,000. Ogden, Utah: Weber Pathways, pub. 2007. OCLC: 368066545

Wells, Michael L. Geologic map of the Kelton Pass quadrangle, Box Elder County, Utah and Cassia County, Idaho. 1 CD-ROM, input scale 1:24,000. Salt Lake City, Utah: Utah Geological Survey, Miscellaneous publication no. 09-3, pub. 2009. ISBN: 1557918074; 9781557918079

WASHINGTON


Dragovich, Joe D. Geologic map of the North Bend 7.5-minute quadrangle, King County, Washington: with a discussion of major faults, folds, and basins in the map area. 1 map, scale 1:24,000. Olympia, Wash.: Washington Division of Geology and Earth Resources, Map GM-78 pub. 2009. OCLC: 320244542


Map Company (Firm). Washington state winery map: includes comprehensive state map with city index, winery index & inset maps showing winery locations. 1 map, scale ca. 1:1,100,000. Port Townsend, Wash.: The Map Company,
Web access: http://pubs.usgs.gov/of/2008/1292/


WESTERN CANADA

WESTERN STATES
MairDumont (Firm). USA West, Pacific Coast, Sierra Nevada, Rocky Mountains: with scenic routes and places of interest; fold-out overview map, distance table, index of place names = USA West, Pazifikküste, Sierra Nevada, Rocky Mountains : mit landschaftlich schönen Strecken und Sehenswürdigkeiten, Übersichtskarte zum Ausklappen, Entfernungsstabelle, Ortsregister = USA Ouest, Côte Pacifique, Sierra Nevada, Rocky Mountains : avec itinéraires pittoresques et curiosités, carte générale piéhonente, tableau des distances, index des localités. 1 map, scale 1:2,000,000. Ostfildern: Mair-Dumont, “Marco Polo series,” 2nd ed., pub. 2008. ISBN: 9783829739139 OCLC: 316017757

WYOMING
DeLorme (Firm). Wyoming atlas & gazetteer, detailed topo-


YUKON TERRITORY

Fick, Steven. Mackenzie Delta. 1 map and 1 remote-sensing image on 1 sheet, scale 1:600,000. Vanier, Ont.: Canadian Geographic Enterprises, pub. 2007. OCLC: 321022812

Benchmarks

Mary Lynette Larsgaard and Paige G. Andrew, co-editors of the Journal of Map & Geography Libraries (JMGL), are very pleased to announce the addition of Kathy Weimer as Associate Editor! Kathy holds the rank of Associate Professor, and is the Coordinator of Map and GIS Collections and Services at the University Libraries of Texas A&M University. Mary and I have had active working relationships with Kathy over the years, primarily through our joint membership in the Map and Geography Round Table of ALA.

Kathy brings to the job excellent related experiences as a former editorial assistant for the Public Library Association’s official journal, Public Libraries, from 1989-1990. She is also an active researcher on a wide variety of map librarianship topics and has authored several published articles, appearing in the Journal of Education for Library and Information Science, Reference & User Services Quarterly, Library Resources & Technical Services, Cataloging & Classification Quarterly, Documents to the People, Magazine for Libraries and the WAML Information Bulletin.

Kathy is currently Chair-Elect of the Map and Geography Round Table of ALA, and recently served as Compiler and Lead Editor of “Map, GIS and Cataloging/Metadata Librarian Core Competencies” prepared by the Education Committee of MAG-ERT. I had the pleasure of serving under, and working closely with her on this latter publication, which now resides as one of about a dozen professional core competencies documents on the ALA website.

Please join us in congratulating Kathy for stepping up into this role, as it will allow the journal to continue its life into the future. As always, if you have suggestions for or wish to contribute to JMGL please contact any of the three of us!

The University of British Columbia Library is pleased to announce the appointment of Tom Brittnacher as our first GIS librarian, effective Aug. 17, 2009. Tom comes to UBC from the American Geographical Society Library, University of Wisconsin, Milwaukee, where he has been the Digital Spatial Data Librarian and Digital Collections Librarian for the past three years. He holds a B.Sc. in geography from UC Davis, an MA in urban planning from UCLA and an MLIS from the University of Wisconsin, Milwaukee. Before returning to school for his library degree, Tom worked as both a transportation planner and GIS analyst in southern California for a number of years. He is a member of ALA MAGERT, NACIS, and WAML, where he is the Information Bulletin Production Editor.

While several academic departments and research institutes at the University of British Columbia have long been active in GIS, there are many students and faculty who have not had access to GIS services. To address this need, the Library is now constructing a geospatial lab and establishing full GIS services, which Tom will be responsible for. He joins a team which includes Mary Luebbe, Data Librarian; Darrell Bailie, Reference Librarian; Paul Leesack, Data Technician; and Tim Ross, Map Librarian.

Congratulations to longtime WAML members Sue Haffer,
Wendie Helms, Mary Larsgaard, Linda Newman, and Fatemah Van Buren, who have recently retired, or will be retiring in the next few months.

Canadian News

This year’s ACMLA conference was held jointly with the Geomatics Association of Nova Scotia from June 9 – 12, 2009, in the charming university town of Wolfville, Nova Scotia. Keynote speakers included Prof. Michael Goodchild, Director of the Center for Spatially Integrated Social Science at UC, Santa Barbara. ACMLA’s 2010 conference will take place at the University of Guelph, Guelph, Ontario, during the second week of June.

The University of British Columbia Library is currently constructing a GIS lab, which will be managed by WAMLite Tom Brittnacher, currently with the AGS Library at the University of Wisconsin, Milwaukee. Tom will leave that post to become UBC’s first GIS Librarian in August 2009.

Canadian Federal Government agencies continue to make geospatial data available to university libraries. Elections Canada will be releasing some cartographic files in the near future. Information is available from Richard Pinnell of the University of Waterloo (rhpinnell@uwaterloo.ca)


Cataloging News

Two announcements from the Library of Congress:

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

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

Interested parties are invited to send their thoughts on the proposal to Janis L. Young, genre/form coordinator, at jayo@loc.gov, or to PSD’s general e-mail account, policy@loc.gov. Comments will be accepted through August 10, 2009.

2) All 123 issues of Cataloging Service Bulletin (CSB) are now available at no cost. CSB is a quarterly bulletin that includes current, new, and revised information about LC cataloging and classification practices and policies. CSB lists revised AACR2 rules, LC Rule Interpretations, changes to the ALA/LC Romanization tables, changes to the LC Subject Headings, and includes “Cataloging Publication News” and “News of Cataloging Projects,” and more.

CSB Issue 1 (summer 1978) through the current issue 123 (Spring 2009) can be accessed directly from the Library of Congress’s Cataloging Distribution Service (CDS) website. The entire 31 years of CSB are made available by LC as a free service to the worldwide library community.

Conferences & Classes

Future WAML Meetings:
**Cody, Wyoming, Sept. 15-18, 2009
**Eugene, Oregon, Spring, 2010 (dates TBD)
**Vancouver, British Columbia, May 17-20, 2011 (joint meeting with ACMLA)
The NACIS Annual Meeting 2009 will be held in Sacramento, October 7-10. See Call for Participation for further details.

The University at Buffalo’s Department of Library and Information Studies announces one-credit, non-degree courses to be delivered entirely via the internet in Fall 2009, including two courses related to maps:

* Teaching with Maps and Cartographic Materials
* Map Cataloging

Limited tuition assistance may be available, so if you are interested in registering call (716) 645-2110 ASAP for more information. Registration information and full course descriptions can be accessed at the URL above.

The Map Curators’ Group of the British Cartographic Society is pleased to invite map curators, map librarians, archivists and all those charged with the care of maps to its 2009 Workshop at the National Library of Scotland in Edinburgh, to be held September 9-11. This conference’s theme is From Paper to Screen: Putting Maps on the Web.

**General News**

If you could not attend last month’s Waldseemuller Symposium at the Library of Congress, or if you did and just wanted to watch it all again, it is now available as a web/podcast on the Library of Congress’ website.

All four sessions of Exploring Waldseemuller’s World are there for free download and viewing. It is over 10 hours length.

Session 1: Scholars and Scientists
Session 2: Exploring the Known and the Unknown Sessions
Session 3: Sources and Texts Session
Session 4: Changes and Revolutions

**Internet Resources**

UNESCO’s World Digital Library recently debuted and includes 306 maps.

MAGIS at the University of Hawaii at Manoa Library is pleased to announce that a set of Hawaii Historical Topographical Quadrangle Maps 1910-1933 is now online and available for download.

Mapping the African American Past: The Mapping the African American Past (MAAP) project, produced by a team of researchers and specialists at Columbia University, offers a marriage of African American history and geography in New York City.

The Historical Atlas of Sydney, Australia is now online.

**New Publications**


* Evens, Julie and Hickson, Diana.  2009.  Toward a Statewide Veg-


Western Association of Map Libraries

Microform Publications

Information Bulletin

Occasional Papers


Paper Publications

Occasional Papers

1973 *Catalogue of Sanborn Atlases at California State University, Northridge* by Gary W. Rees and Mary Hoeber. OP1. LC #73-5773 ISBN 0-939112-01-9 $4.00


1978 *Index to Early Twentieth-Century City Plans Appearing in Guidebooks: Baedeker, Muirhead-Blue Guides, Murray, I.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 #81-15094 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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