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, 2010 - June 30, 2011)

**President**  
Michael L. Smith  
Map Librarian  
Social Sciences & Humanities Library  
University of California, San Diego  
9500 Gilman Drive, 0175R  
La Jolla, CA 92093-0175  
Phone: (858) 534-1248  
Email: mls003@ucsd.edu

**Vice President/President Elect**  
Cynthia Moriconi  
Head, Maps Unit  
Science & Engineering Library  
University of California, Santa Cruz  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-3187  
Email: cynthia@ucsc.edu

**Past President**  
Matthew Parsons  
Map Librarian  
Map Collection and Cartographic Information Services Unit  
University of Washington Libraries  
Box 352900  
Seattle, WA 98195

**Treasurer**  
Yvonne Wilson  
Orange County & California State Documents Librarian  
Reference Department  
Langson Library  
P.O. Box 19557  
Irvine, CA 92623-9557  
Phone: (949) 824-7362  
Fax: (949) 824-3644  
Email: ymwilson@uci.edu

**Secretary**  
Brian Quigley  
Interim Head, Earth Sciences and Map Library  
50 McConic Hall  
University of California, Berkeley  
Berkeley, CA 94720-6000  
Phone: (510) 768-7627  
Email: bquigley@library.berkeley.edu

### WAML Appointed Positions

**Subscription Manager**  
Jim O’Donnell  
Geology Library 100-23  
California Institute of Technology  
Pasadena, CA 91125  
Email: wamlsubsmgr@yahoo.com

**Business Manager**  
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  
Email: jhoff@lib.az.us

**Membership Manager**  
Janet E. Dombrowski  
Head, Brinkerhoff Geology Library  
University of Wyoming  
Dept. 3334  
1000 E. University Ave.  
Laramie, WY 82071  
Phone: (307) 766-6538  
Email: jdombrow@uwyo.edu
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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.

Information Bulletin and Electronic News & Notes

EDITORIAL STAFF

News & Notes Editor
Michael Smith
Map Librarian
Social Sciences & Humanities Library
Univ. of California, San Diego
9500 Gilman Drive, 0175R
La Jolla, CA 92093-0175
(858)-534-1248
mls003@ucsd.edu

Atlas & Book Review Editor
John Russell
141 Knight Library
Univ. of Oregon Libraries
1299 Univ. of Oregon
Eugene, OR 97403-1299
(541) 346-2689
johnruss@uoregon.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
Tom Brittnacher
GIS Librarian
University of British Columbia
Walter C. Koerner Library
1958 Main Mall
Vancouver, BC V6T 1Z2
Canada
(604) 827-4450
tom.brittnacher@ubc.ca

Information Bulletin Production Editor
[Interim]
Matthew Parsons
Map Collection and Cartographic Information Services Unit
Univ. of Washington Libraries
Box 352900
Seattle, WA 98195
(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

Editorial Advisor and Micrographics/Technology Editor
[Vacant]
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

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

Wyoming Editor
Janet E. Dombrowski, MLS
Head, Brinkerhoff Geology Library
University of Wyoming
Dept. 3334
1000 E. University Ave.
Laramie, Wyoming 82071
307.766.6538
jdombrow@uwyo.edu

Editor vacancies:
Alberta, California, Idaho, Montana, New Mexico, Oregon
Lists for 2010/11 Membership Year
Committes and Representatives

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To IFLA --
    Dorothy McGarry (2002 - )
To SLA/G&M -- Dorothy McGarry (2005 - )
# WAML Spring 2010 Meeting

*March 17-20, 2010*

*Eugene, Oregon*

Hosted by the University of Oregon Libraries

## Program and Minutes

### PROGRAM:

**Wednesday, March 17:**
- 2:00 pm: Board Meeting; Rowe Conference Room, Knight Library
- 6:00 pm: Early Bird Reception; Phoenix Room, Phoenix Inn.

**Thursday, March 18:**
- 8:30 am - 12:00 pm: Continuing Education; Georeferencing scanned maps and images using ArcMap; Edmiston Classroom, Knight Library Room 144.
- 1:00 pm - 6:00 pm: Sessions; Knight Library, Browsing Room

**Friday, March 19:**
- 9:00 am - 1:00 pm: Sessions; Knight Library, Browsing Room
- 2:00 pm - 3:30 pm: Sounding Board

### MINUTES:

**WAML Spring 2010 Meeting**

*Eugene, OR*

**Executive Board Minutes, March 17, 2010**

**PRELIMINARIES:**

Executive Board Members (Present): Matthew Parsons (President); Michael Smith (Vice President / President-Elect); Yvonne Wilson (Treasurer); Russell Guy (Secretary), Kathy Stroud (Past President)

Others attending: Tom Brittachen, Janet Dombrowski; Jon Jablonski; Katie Lage; April Love, Dorothy McGarry; Cynthia Moriconi, Ken Rockwell,

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

Jon Jablonski gave a conference update that all was in order.

- 3:30 pm - 5:00 pm: Business meeting
- Banquet. An evening out at the Eugene Veterans Memorial Hall featuring a Northwest buffet by MacCallum’s Catering.
- **Saturday, March 20:**
  - Fieldtrip Willamette Valley Winery Tour
  - 9:00 am until ~ 6:00 pm.
  - Lunch at King Estate Winery
  - Our last stop will the Ninkasi Brewery in Eugene’s Whitaker neighborhood.
OFFICER REPORTS AND DISCUSSION:

Secretary (Russell Guy):
Minutes from the Executive Board Meeting of Sept. 2009 amended and accepted.

Treasurer (Yvonne Wilson):
Current Balances:
Checking: $21,764.92 (as of 3/12/2010)
Savings: $10,714.71 (as of 2/9/2010)

$32,479.63

Overall Total Income
$3,944.00

Overall Total Expenses
$5,410.72

Main expenses include $3,000 to IB Indexing project and $2,206.50 for IB vol. 40 no. 3 production and mailing.

Cody conference showed a loss of about $110.

About 85% of conference attendees registered on-line using Paypal. Three new members and seven early renewals were received using the conference on-line registration. Paypal fees were approximately $111. This amount was felt to be reasonable in light of the positive response to on-line registration.

Vice-President (Mike Smith):
Future meetings:
Fall 2010: No meeting
Spring 2011 University of British Columbia (with ACMLA)
Fall 2011: Possibility of a joint meeting with WHA in Oakland, CA. The WHA has approximately 800 attendees at their conventions so it would be a chance to show the benefits of WAML membership to a larger audience.
Spring 2012: Hawaii?
Fall 2012: Yosemite?

Mike noted that Proquest might sponsor some of the WAML participation in the Fall 2011 meeting.

Past President (Kathy Stroud)
noted that the last election was done primarily by electronic ballots, that there were no complaints, and that the upcoming election would be done the same way. Those requesting paper ballots would receive them.
Kathy is accepting recommendations and nominations for secretary, treasurer, and vice president/president elect.

Subscription Manager (Jim O’Donnell):
109 renewals for volume 41, with anticipated final number of subscriptions of 130. Subscription income to date is $3,889.00

Membership Manager (Janet Dombrowski):
Information as of Sept. 11, 2009.
138 current members (including 7 lifetime).
13 new members and 3 returning members for 09/10.
20 members did not renew for 09/10.
Membership peaked in 2007-2008 with 148 members.

Membership summary:
2004-05  143
2005-06  134
2006-07  145
2007-08  148
2008-09  133
2009-10  138

Webmaster (Katie Lage):
Katie will continue in this position, although she would like to resign as committee chair due to professional and personal time demands. Current members include Katie Lage, Janet Dombrowski, Melissa Lamont, and Russell Guy. On-line conference registration was available for the first time, using Paypal for payment. New

APPOINTEE REPORTS:

Business Manager (Julie Hoff):
(Not present but submitted a written report). No book sales for the period of April 29 – Sept. 4, which is very unusual.
pages for ordering documents are in progress and should be up shortly. It was suggested that a Paypal page be set up for subscriptions. Linda Zellmer has updated the Librarian’s Toolbox. A small honorarium was authorized for Vega for his assistance with the Paypal and online registration programming.

Information Bulletin Editor (Matthew Parsons):
Matt Parsons has stepped down as Editor. Tom Brittnacher (University of British Columbia) has taken over as IB Editor. Jon Jablonski will take over as Publications Editor when he relocates to UCSB.

Book Editor: John Russell at U of Oregon will take over as Book Review Editor.

Archivist (Jane Ingalls):
She continues to archive any information sent to her. She archived the version of the by-laws prior to those changes authorized by the last election. She will archive the updated version of the by-laws when they are uploaded to the WAML website.

Nominations / Elections Committee (Kathy Stroud):
Kathy is accepting recommendations and nominations for office.

Publications Advisory Committee (Ken Rockwell):
The compiler working on the indexing project has submitted the first 2/3 of the project. This submittal is being reviewed by the committee and comments are being returned to the compiler. Volunteers are needed to help review the results. The IB editor and business manager are ex officio members. Discussion ensued on how to proceed after this current round of indexing is finished – should the indexer continue to bring the indexing up through the current edition? There was discussion on how to market the final product. It was suggested that the final product (.pdfs of the IB plus the Index) not be distributed free to existing or previous subscribers. It was suggested that the final product be sold for approximately the same price as an annual subscription ($35).

Website Committee:
This report was merged with the Webmaster report above.

Continuing Education Committee (Julie Sweetkind-Singer):
Julie has resigned as chair, having served for several years. A new committee chair is needed. Current members include Mary Douglass, and Paige Andrews.

OLD BUSINESS:

Scholarship Proposal:
WAML still has a $500 offer from Mary Larsgaard and Paige Andrews to fund the first scholarship award. The committee currently includes Dorothy McGarry, Janet Dombrowski, and Chris Thiry but has no chairperson. The committee was asked to develop criteria for issuing a scholarship. Should the scholarship cover travel costs to the conventions, conference costs, a one-year subscription to the IB?

The EBSCO offer was declined.

NEW BUSINESS:

Scanning Registry:
It was suggested that WAML combine their scanning registry with MAGERT’s registry. MAGERT’s registry is hosted at U of AZ which is concerned about network security. Katie Lage will pursue merging registries with MAGERT.

The WAML award has been named the Distinguished Service Award.

Jon Jablonski gave an update on the Brubaker maps project. He has been in contact with Karen McFarland of the FBI field office in Salt Lake City. The FBI has released
the remaining Brubaker maps to WAML and Jon has those maps in the map library at U of Oregon. An advisory committee will meet during the Eugene meeting to decide operating protocol and guidance on how to repatriate maps to their rightful homes. Jon Jablonski will work with Ms. McFarland of the FBI on how to handle those maps that are not claimed by victim libraries.

The meeting was adjourned at about 5:00 PM.
Developing the Oregon Spatial Data Library

by
Kuuiapo Walsh, Oregon Spatial Data Library Project Manager
Institute for Natural Resources
Oregon State University
Corvallis, Oregon
kuuiapo.walsh@oregonstate.edu

and
Marc Rempel, Oregon Spatial Data Library Lead Programmer
Oregon State University Libraries
Corvallis, Oregon
marc.rempel@oregonstate.edu

Abstract: The Oregon Spatial Data Library (http://spatialdata.oregonexplorer.info/) provides easy and convenient ways to find, access, and share geospatial data. Developed in partnership with the Oregon Department of Administrative Services (DAS), the Oregon Spatial Data Library provides access to spatial data including “framework” data for the State of Oregon. Framework datasets serve as “base data” for a variety of GIS applications that support important research, business, and public services. Administrative boundaries, transportation, land use, ownership, water, hazards, and wetlands are examples of framework data.

Introduction
At the Western Association of Map Libraries (WAML) Spring 2010 conference, OSU Libraries shared how to use the Oregon Spatial Data Library, a powerful new data access tool for Oregon researchers, students, public agency staff, private industry, and citizens.

The Oregon Spatial Data Library (OSDL) is part of the Oregon Explorer natural resources digital library which consists of a statewide site (www.oregonexplorer.info) and associated basin, topic, and data portals. The Oregon Imagery Explorer, which serves .5 meter color orthoimagery, was the first data portal to be created for the Oregon Explorer. Building on the success of the Oregon Imagery portal, a second Oregon Explorer data portal, the Oregon Explorer Spatial Data Library was developed. The Institute for Natural Resources (INR) and the Oregon State University Libraries (OSU Libraries) launched the Oregon Spatial Data Library on National GIS Day – November 18, 2009.

Purpose and Vision
Geospatial data use is now a part of routine operations for Oregon government agencies. As a result, agencies receive many requests from organizations throughout the state for geospatial data. Maintaining that geographic data in an efficient and coherent manner is critical to today’s complex and demanding service environment. A Web-based Internet portal application providing access to and distribution of public domain, statewide Framework data would meet the majority of users’ needs.

The Department of Administrative Services (DAS) and Oregon State University are collaborating
Developing the Oregon Spatial Data Library

to develop web sites to allow for the distribution of spatial data for the State of Oregon. The near-term objective of this project was to develop an Oregon Spatial Data Library that serves statewide Framework data and other spatial data. This Web site is integrated into the Oregon Explorer Natural Resources Digital Library and the State of Oregon’s navigatOR initiative.

The targeted primary users for the Oregon Spatial Data Library are staff of agencies participating in the Oregon Geographic Information Council (OGIC), including Federal, State, and local governments and tribes. Secondary users include the general public. The intent is that the portal enables spatial data access (searching, viewing and downloading) by anyone from anywhere.

Oregon Spatial Data Library Development Process

When we developed the Oregon Spatial Data Library, we used a process that engaged users from the beginning. The portal development team included researchers, programmers, librarians, and the Oregon Spatial Data Library planning team. The planning team members included Framework Implementation Team leads, State agency staff, Federal agency staff, and University representatives from Oregon State University and the University of Oregon. Additional input was obtained from the Oregon Geographic Information Council (OGIC) which sets policy and direction for Geospatial activities in Oregon. OGIC provided input on the initial functional requirements and characteristic of the Oregon Spatial Data Portal.

The Oregon Spatial Data Library project was intended to occur in multiple phases. Phase 1 was the project scoping, which included an assessment of how well ESRI’s GIS Portal Toolkit (GPT 9.3) met the required and desired needs of the portal and the beginning development and implementation of the Oregon Spatial Data Library. Future phases of the Oregon Spatial Data Library will include such deliverables as serving additional spatial data beyond framework data, enhancing
features for viewing, and accessing or editing data.

**Phase 1**

Phase 1 scoping included articulation of the required and desired functionality relative to software that currently is available to serve as the foundation for the Web site, satisfying as many of the needs of DAS and other State agency partners and Oregon users as possible. We drafted the initial functional requirements and characteristics of the Oregon Spatial Data Library, based on workshop findings, input from the planning team, and the online survey results.

**Initial Functional Requirements**

1. The application will be integrated into the Oregon Explorer and the navigatOR initiative and provide access to framework spatial data.
2. The spatial data portal architecture will be designed to support future geospatial data access and distribution, beyond framework spatial data.
3. The application will allow a user to select an area of interest (AOI), clip that area from the database, compress those images for efficient transfer, and electronically ship them to the user. Once received, users will have the option to uncompress the data. Metadata will accompany all shipments.
4. The application will support multiple projections and datums.
5. The application will adhere to Federal Geographic Data Committee (FGDC) and Open Geospatial Consortium (OGC) standards.
6. The application will provide 24-hour/7-day-a-week operational accessibility.

**Initial Major Characteristics**

**Browsing.** The application will have a simple viewing mode where users can browse datasets alphabetically or by category, similar to what is available now at the Geospatial Enterprise Office (GEO) Spatial Data Library.

**Searching.** The search feature will support several methods of defining an area of interest (AOI), including by interactive map and by database query.

**Processing.** The application will be able to clip data to the AOI

**Output.** The application will be able to generate:
1. Custom datasets generated from a user-defined AOI
2. Output in multiple projections (including Oregon Lambert), compressed and combined with metadata
Recommendations from April 29, 2008 Planning Team Meeting

During the April 29, 2008 Spatial Data Planning Team meeting, we asked for specific recommendations concerning required or desired functionality, including functionality related to searching, map viewing, and downloading. The planning team feedback is summarized in the project completion report².

Assessment of ESRI’s GIS Portal Toolkit 9.3 relative to user needs

The process used to assess the functionality and fit of the ESRI GIS Portal Toolkit 9.3 against the required and desired functionality involved numerous steps:

• scoping the necessary hardware required for installation,
• purchasing additional hardware (one server),
• configuring a database,
• installing the software,
• installation of ArcGIS Server (JAVA),
• creation of map services,
• establishing an ArcSDE data connection to GEO,
• loading metadata,
• configuring the data download functionality, and
• final user interface customizations.

The supporting documentation for GPT 9.3 recommends having minimally two servers to support the toolkit. Based on this recommendation, a new server was purchased and an existing map server at OSU Library was configured to support the GPT 9.3 application.
GPT 9.3 stores harvested metadata in ArcSDE tables. Working with ESRI support, it was determined that the best solution was to use an existing OSU Library ArcSDE database and add a specific user to access the GPT metadata tables created in the existing ArcSDE instance at the OSU Library.

Installation of the software included a metadata service, a harvesting service and web applications. Each of these services and applications required individual installation and configuration of their respective files as there was no single installation utility for all of the pieces. For the ability to logon to the site as different users with various roles, Lightweight Directory Access Protocol (LDAP) authentication was setup to grant the appropriate permissions.

ESRI documentation specified that ArcGIS Server 9.3 (JAVA edition) be installed to support the map services in the portal application. After installation of ArcGIS Server 9.3 JAVA, the supporting map and geo-processing services were also created. Data used to support these map services required being accessible to the ArcGIS Server user accounts.

In order to test the feasibility of creating a distributed framework for data access, an ArcSDE data connection was opened up between GEO and OSU Library. This connection required the involvement of system administration staff at both locations to open up the necessary firewall permissions.

To load metadata into the GPT 9.3 several options are available. One is to setup a metadata service or a WebDAV directory on a publishing entities server which is harvested from the GPT 9.3. Another option is to grant publishers permission to connect to the GPT 9.3 metadata service and selectively publish content via ArcCatalog utilities. The final option is to have publishers manually import metadata via the web application and upload one metadata record at a time. For the testing of this first phase of this project, the approach taken was to open up the ArcSDE connection and import metadata from GEO and on the OSU side manipulate the metadata to add required fields to ensure proper functioning (see Metadata Configurations below). For future phases, it is recommended that publishers conform to the requirements of publishing to the portal.

To enable the clip, zip and ship functionality of the GPT 9.3 two ArcGIS Server services were required along with the licensing of the Data Interoperability Extension for ArcGIS Server.

The final step was to customize and make the web application contextually relevant to Oregon.

Improvements

ESRI released the ArcGIS Server Geoportal extension 9.3.1 after the conclusion of Phase I of this project. Improvements in 9.3.1 that may influence future phases of this project include:

a. Base architecture shift away from using ArcIMS metadata service to a direct database model. The implication is that a re-import of the metadata in the beta site will need to occur though the understanding is that this can occur through a harvest of the current site.

b. Increased usability changes most notably to the advanced searching options.

c. Ability to launch a unique map viewer. Current version requires the JAVA map viewer to launch.

d. Quick preview of live services through a lightweight javascript map viewer.

e. Federated searching of other portals. This will allow for easy searching of GOS or user defined portals to be returned in search results.
Summary

Completion of Phase I of this project involved the scoping, installation and implementation of a customized beta version of the ESRI Geoportal Toolkit 9.3. Modifications that were made to get the beta version of the site running included customizing the metadata and metadata configuration files, extensive troubleshooting with ESRI to enable the data download with support for shapefiles and customizing the web application interface to improve some baseline usability. The next version of the portal toolkit (now an extension for ArcGIS Server) will provide some useful enhancements over the beta version implemented including a shift to a lighter-weight database model, usability enhancements and federated searching. For future phases of this project, some initial recommended next steps are:

a. Migrate the beta site to 9.3.1.
b. Scope feasibility of creating a one-tool solution that integrates raster and vector data using the underlying architecture of GPT 9.x and the ER Mapper Imagery Explorer for data extraction but that has a unified user interface.
c. Create a publishing document for new contributors to use in adding their metadata/data to the portal.
d. Market to prospective publishers for data inclusion on the site.
e. Perform usability testing and evaluation with the beta site to inform future OSDL development phases

Future Collaboration

University of Oregon Libraries (UO Libraries) is collaborating with Oregon Explorer to contribute additional geospatial data sets to the Oregon Spatial Data Library. UO Libraries plans to add 100 more datasets to be accessed and downloaded.

Anyone may provide geographic data by publishing map services and images, geographic datasets, geoservices, spatial solutions, geographic and land reference material, and geographic activities or events to share with others through submission of on-line provider forms within the OSDL portal. Publishing is performed via an online form or an upload utility.

Acknowledgements

The Oregon Spatial Data Library was developed through a partnership of Oregon State University (OSU) Libraries, Oregon University System Institute for Natural Resources, and the Department of Administrative Services Geospatial Enterprise Office (DAS-GEO). Funding was provided by DAS-GEO through a grant from the U.S. Geological Survey.

References:

Maantay, Juliana and John Ziegler. 
GIS for the Urban Environment. 
Redlands, California: ESRI Press  
2006. 596 p. : ill (Data CD included). $79.95  

Even with the focus on urban GIS, this text would be a useful resource for anyone either trying to learn GIS or anyone trying to teach a basic course in geography or GIS. As titled, the work’s focus is on urban geographic information systems and the material that is covered is covered well, but the title could be easily changed to “An introduction to geography and GIS for the Urban Environment.” Intermixed through almost half of the book are basic concepts of geography including graphical concepts of choropleths and other data visualization techniques. This makes the book quite useful for the GIS and Geography beginner, but the text should not be considered a concise or even an in-depth source for more advanced geographers.

The work is broken down into three sections. The first section covers the basic explanatory text of urban GIS, while the second section covers a series of case studies showing how GIS is used to solve urban planning problems. The third covers a series of exercises to develop the user’s skills in GIS. In the first section, the reader will find 12 chapters, each with associated training exercises. The initial chapters focus on the basics of mapping and GIS. The middle chapters focus on data classification, management, visualization, sources, and analysis. The final chapters focus on several particular issues: relational database management systems, ethical issues regarding GIS and finally, other geotechnologies and developments in GIS. Given that this edition of the textbook was published in 2006, some of the information may seem dated to contemporary GIS users. For example, GIS animation or temporal analysis is only briefly mentioned in the chapter on upcoming geotechnologies but is now a component of ESRI’s ArcGIS 10.0.

There are 12 short case studies in middle section of the book. They are independent of the book’s first section and cover a wide range of topics including housing, crime, archeology, emergency response, and natural habitats, and each is ripe for greater class discussion and illustrates particular strengths of GIS, although some do so better than others. However, the case studies all focus on the greater New York City area. Introduction of a few other geographic areas including San Francisco, El Paso, Texas, and some areas overseas such as Rome and Beijing would allow the authors to introduce or compare other important topics on planning, border areas, historic preservation, and growth.

The book’s heavy use of graphics is welcome and makes the text a pleasure to explore. The examples are pertinent to urban GIS and help to explain concepts. The multiple color schemes used in the figures and tables add to the power of the text by revealing the importance of color choice and other mapping tools.

Finally, the third section is comprised solely of GIS oriented tasks. And, as might be expected for a text from ESRI Press, the exercises are particular to ESRI software and require access to that software to complete. However, assignments in the book are on-topic and are useful. Note, that with the release of ArcGIS 10.0, some parts of the exercises may not be able to be completed as described.

The biggest drawback to this introductory text, particularly as a text on urban GIS, is the extremely limited information on network (pathway, directed flow, or route) analysis. Traffic, the flow of rescue vehicles, and issues regarding moving objects from point A to point B are just briefly covered. This is a glaring oversight for a text on Urban GIS. That said, the rest of the text is so useful that one can’t help but appreciate the book and what it can offer beginning users.

Dean Walton  
Science Librarian and 
Interim GIS Librarian  
University of Oregon
New Mapping of Western North America

compiled by

Ken Rockwell

University of Utah Library Catalog Department

ALASKA


Web access, Sheet 1: http://www.dggs.alaska.gov/webpubs/dggs/ri/oversized/ri2009%5F006b%5Fsh001.PDF

Sheet 2 http://www.dggs.alaska.gov/webpubs/dggs/ri/oversized/ri2009%5F006b%5Fsh002.PDF

Sheet 3 http://www.dggs.alaska.gov/webpubs/dggs/ri/oversized/ri2009%5F006b%5Fsh003.PDF

Sheet 4 http://www.dggs.alaska.gov/webpubs/dggs/ri/oversized/ri2009%5F006b%5Fsh004.PDF


ALBERTA


ARIZONA

Beartooth Publishing. Superstition Wilderness, Arizona: outdoor recreation map, topographic, shaded relief; also covers the...
<table>
<thead>
<tr>
<th>Title</th>
<th>Publisher</th>
<th>Format</th>
<th>Edition/Date</th>
<th>ISBN</th>
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<tr>
<td>Benchmark Maps (Firm). Arizona road &amp; recreation atlas. 1 atlas</td>
<td>Medford, Or.: Benchmark Maps ; Santa</td>
<td>(111 p.), scale 1:400,000.</td>
<td></td>
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<tr>
<td>Ferguson, Charles A. Bedrock Geologic map and Cross-Sections of the</td>
<td>Cochise County, Arizona. 1 CD-ROMs</td>
<td>Digital geological map series no. 53, pub.</td>
<td></td>
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<tr>
<td>National Geographic Maps (Firm). Grand Canyon National Park, Arizona,</td>
<td>Argentine, Col.: National Geographic</td>
<td>Trails Illustrated topo map no. 263, pub. 2009</td>
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<tr>
<td>BRITISH COLUMBIA</td>
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<td>Trails Illustrated topo map no. 261, pub. 2009</td>
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</table>

**BRITISH COLUMBIA**

British Columbia, Parks and Outdoor Recreation Division. Thompson Okanagan provincial parks
British Columbia, Parks and Outdoor Recreation Division. Vancouver Island Provincial parks and recreation sites: British Columbia, the best place on earth. 1 map, scale 1:875,000. Victoria: BC Parks, pub. 2010. OCLC: 644944549

Canada, Natural Resources Canada. Vancouver 2010 Olympic and Paralympic winter games region. 1 map, scale 1:250,000. Ottawa: Centre for Topographic Information, Natural Resources Canada, pub. 2009. OCLC: 643243722


American Map Corporation. Atlas of the North Coast study region (California-Oregon border


to Alder Creek): California Marine Life Protection Act Initiative.
Corp Author(s): Marine Life Protection Act Initiative.; California.; Resources Agency.
Description: 50 leaves : maps ; 43 x 28 cm.
Language: English
Contents: Habitat and species atlas -- Coastal management and human uses atlas.
Access: Host: http://www.dfg.ca.gov/mlpa/ncprofile.asp#atlas
Note: Online document

Baselt, David. Pescadero Creek County Park, Portola Redwoods State Park:


Harrison, Tom. Mt Shasta Wilderness trail map. 1 map, scale 1:63,360. San Rafael, Calif.: Tom Harrison Maps, pub. 2008. OCLC: 535612405


Jensen, Elena K. Death Valley National Park guide map: a map plus information on points of interest, camping and reserv-
New Mapping of Western North America


COLORADO


Berkman, Frederick E., et al. Oil and gas wells in areas of Colorado with superior geothermal properties. 1 CD-ROM, input scale
### New Mapping of Western North America

- **Waters Recreation Area, Blanca Peak, Crestone Needle, Crestone Peak, Humboldt Peak.** 1 map, scale 1:75,000. Denver, Colo.: Colorado Geological Survey, Open-file map no. 08-15, pub. 2008. OCLC: 625106510
- **Western Maps LLC (Firm).** South shore trails of Lake Pueblo State Park, Colorado. 1 map, scale 1:10,340. Colorado Springs, Colo.: Western Maps LLC, pub. 2008. OCLC: 601774792

### HAWAII


### IDAHO

- Adventure Maps, Inc. Sawtooth & White Cloud Mountains trail map: including the Sawtooth Wilderness, Sawtooth National Recreation Area, Sawtooth Valley, Stanley Basin, Cape Horn area. 1 map, scale 1:63,360. Salem,
**WAML Information Bulletin 41 (3) July 2010**

**New Mapping of Western North America**


**MONTANA**


GTR Mapping (Firm). Topographic recreational map of eastern Montana: includes color shaded topography, interstates, highways, exit numbers, rest areas, most local roads ... points of interest. 1 map, scale 1:792,000. Canon City, Colo.: GTR Mapping, pub. 2010. ISBN: 9781881262138; OCLC: 608736442


**NEVADA**

GTR Mapping (Firm). Topographic recreational map of western Montana: includes color shaded topography, interstates, highways, exit numbers, rest areas, many local roads ... points of interest. 1 map, scale 1:792,000. Canon City, Colo.: GTR Mapping, pub. 2007. ISBN: 9781881262121; OCLC: 608739920

GTR Mapping (Firm). Topographic recreational map of Nevada: includes color shaded topography, interstates, highways, exit numbers, rest areas, many local roads, ... points of interest. 1 map, scale 1:792,000. Canon City, Colo.: GTR Mapping, pub. 2009. ISBN: 9781881262213; OCLC: 608778224

Muscle Powered (Firm). Carson City bicycle route map and safe cycling guide. 1 map, input scale not given. Carson City (Nev.): Muscle Powered, 2nd ed., pub. 2007. OCLC: 547500708; Web
access: http://musclepowered.files.wordpress.com/2008/12/bikerroutemap_back.pdf

Web access: http://purl.access.gpo.gov/GPO/LPS119365


NEW MEXICO


OREGON


PACIFIC NORTHWEST


National Geographic Society
New Mapping of Western North America

WASHINGTON

Feet First (Organization). Northeast Seattle trails. 1 map, scale ca. 1:14,000. Seattle, Wash.: Feet First, pub. 2009. OCLC: 566109905

WESTERN U.S.


Pham, Viet Hoa. USA west half. 1 map, scale 1:2,300,000. Richmond, B.C.: ITMB Publishing Ltd., pub. 2010. OCLC: 609780580


SOUTHWESTERN U.S.


UTAH


GTR Mapping (Firm). Topographic recreational map of Utah: includes color shaded topography, interstate, highways, exit numbers, rest areas, many local roads, ... points of interest. 1 map, scale 1:792,000. Canon City, Colo.: GTR Mapping, pub. 2008. ISBN: 9781881262091; OCLC: 608773663

Kirby, Stefan M. Interim geologic map of the Lofgreen quadrangle, Tooele County, Utah. 1 map, scale 1:24,000. Salt Lake City, Utah: Utah Geological Survey, Open-file report no.563, pub. 2010. OCLC: 642247292


Pham, Viet Hoa. USA west half. 1 map, scale 1:2,300,000. Richmond, B.C.: ITMB Publishing Ltd., pub. 2010. OCLC: 609780580

WYOMING


GTR Mapping (Firm). Topographic travel map of Yellowstone & Grand Teton: national parks & adjacent areas, plus street/detail maps of Cody, Gardiner, Jackson, West Yellowstone... 1 map, scale 1:253,440. Canon City, Colo.: GTR Mapping, pub. 2007. ISBN: 9781881262206; OCLC: 608497388


Sprague, Timothy M. Land areas of Wyoming designated unique and irreplaceable or rare and uncommon. 1 map, scale 1:500,000. Laramie, Wyo.: Wyoming State Geological Survey, Map no. 92, pub. 2009. OCLC: 547704721


[Wyoming State Geological Survey ordering Information: http://www.wsgs.uwyo.edu/Publications/Sales/]

YUKON TERRITORY


**News and Notes**  
compiled by  
Michael Smith  
Univ. of California-San Diego

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**Benchmarks**

Jon Jablonski (UC Santa Barbara) Awarded Fulbright

Jon will be going to China and will teaching at a library school and starting a research project to examine how portable map devices (read: smartphones) are affecting people’s relationships with their urban environments.

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**Canadian News**

Recent announcement on topographic mapping:

1. The topographic maps from Natural Resources Canada listed in the Weekly Checklist are new editions with revised and updated content. New maps are released by NRCan on a quarterly basis: approximately 500 will be released this fiscal year with the next release on March 31, 2010. More information about NRCan’s recent mapping activities can be found at: http://www.nrcan-rcan.gc.ca/com/elements/issues/38/topograph-eng.php

2. Not all topographic maps covering Canada will be updated. Only those with the highest demand will be targeted for revision, as determined in consultation with stakeholders. Additionally, there is a particular focus on completing mapping for areas in Canada’s North that have not been previously mapped at the 1:50 000 scale.

As noted in the Checklist, the maps are available to non-map depository libraries at $11.45 per copy though the Regional Distribution Centres and Certified Map Printers listed at: http://maps.nrcan.gc.ca/distribution_e.php

Steve Westley, Natural Resources Canada, Centre for Topographic Information

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**Cataloging News**

**Bibliographic Standard Record (BSR) for Cartographic Materials**

Update to the last Newsletter: The BSR for Cartographic Materials standard was submitted in final draft form to the Library of Congress in April, an open comments period ended May 10. It is anticipated that all of the new BSR’s will be released in final versions for use by catalogers at the upcoming ALA Annual Conference in Washington, D.C. June 24-30, 2010.

Policy and Standards Genre/Form Headings Update

In early 2007 the Library of Congress began a project to create genre/form headings, which describe what a work is rather than what it is about. To date, over 500 headings for moving images (films, television programs, and video recordings) and sound recordings have been approved.

Two years later, in 2009, the Policy and Standards (PSD) and Geography and Maps divisions of the Library of Congress began work on the next genre/form project to go into production: cartographic materials. PSD will be approving new cartographic genre/form headings (MARC 21 tag 155) and revised form subdivisions ($v) in stages over the late spring and summer of 2010, and plans to implement the new system no earlier than August 1, 2010. Be advised that LC will not implement any aspect of the cartographic genre/form headings until all of the
elements are in place.

A tentative timeline for the approval of the cartographic genre/form headings, the revisions to the form subdivisions, and LC’s subsequent implementation of them is available on PSDs web site at http://www.loc.gov/catdir/cpso/cartographic3.pdf.

Additional information on the genre/form projects at the Library of Congress can be found on PSDs genre/form web page, http://www.loc.gov/catdir/cpso/genreformgeneral.html. The page includes a timeline, an extensive FAQ, reports, discussion papers, and announcements. Questions and comments on the projects may be addressed to Janis L. Young, LC’s genre/form coordinator, at jayo@loc.gov.

Janis L. Young
Policy and Standards Division
Library of Congress

Library of Congress Documentation for the RDA Test

The Library of Congress is sharing its files of policy decisions, training materials, etc., developed for its participation in the US RDA Test. Other libraries, whether participating in the RDA Test or not, are welcome to use and modify these files for their local situations. Note that these files represent decisions just for the RDA Test. If the Library of Congress decides to implement RDA, some of the decisions may be changed as the result of feedback from the Test.

The files are posted at http://www.loc.gov/catdir/cpso/RDAtest/rdatest.html. Questions about the content of RDA and LC’s documents for the US RDA Test should be sent to LChelp4rda@loc.gov

Paige Andrew, Pennsylvania State University
pga2@psu.edu

Conferences & Classes

Fellowships for 2011 at the American Geographical Society Library

Applications deadline October 18, 2010

The American Geographical Society Library, University of Wisconsin-Milwaukee Libraries, welcomes applications for two short-term fellowship programs:

McColl Research Program fellowships: This is a short-term fellowship program available to individuals who wish to communicate their geographical research results to a broad, educated general audience. Awards of $3,300 for four-week fellowships will be provided to support residencies for the purpose of conducting research that makes direct use of the Library, and results in publication in a mutually agreed outlet.

Helen and John S. Best Research Fellowships: Stipends of $400 per week, for periods up to 4 weeks, will be awarded to help support residencies for the purpose of conducting research that makes direct use of the Library.

The AGS Library, the former research library and map collection of the American Geographical Society of New York, has strengths in geography, cartography and related historical topics. More information on the AGS Library is available at the website:

http://www4.uwm.edu/libraries/AGSL/index.cfm

Applications must be received by October 18, 2010. All fellowships are tenable in 2011.

Fellowship information is available at the AGS Library website at:

http://www.uwm.edu/Libraries/AGSL/fellowships.html

or write, call or e-mail:
AGS Library
P.O. Box 399
Milwaukee, WI 53201-0399
Tel. (414) 229-6282
E-mail agsl@uwm.edu

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Since there will be no fall WAML meeting, if you find
yourself close to Texas, you might consider: The 3rd International Symposium of the ICA Commission on the History of Cartography will take place at the University of Texas (Arlington), USA from 11-13 October 2010. The Symposium, which will feature contributions by the USGS (United States Geological Survey) and the ICA Commission on Maps and Society, will be preceded by the 7th Biennial Virginia Garrett Lectures on the History of Cartography (Friday, 8 October 2010), and the Fall Meeting of the TMS (Texas Map Society) (Saturday, 9 October 2010).

Full particulars on the Programmes for the Garrett Lectures, the TMS meeting, and the ICA Symposium, as well as the relevant Hotel Information, can be found at:

http://library.uta.edu/spco/Garrett2010/index.html

Information on the Registration fee for the Symposium and the associated Technical and Social Excursions, appears on the website of the ICA Commission for the History of Cartography at:

www.icahistcarto.org

Prospective delegates can register online for one or all of the above events on:


We trust you will make a special effort to attend this veritable feast which has been prepared for lovers of (historical) maps.

Elri Liebenberg
Chair: ICA Commission on the History of Cartography

General News

WAML NEWS:

A good time was had by all at the recent WAML meeting in Eugene, Oregon. If you would like to share photos from the meeting, please remember the Wamlites’ Photostream. Contact Katie Lage on how to upload photos. See below for a list of websites mentioned as part of the conference.

A Stolen Maps Task Force has been established to redistribute stolen maps, recently acquired by WAML from the FBI, back to their home libraries. Jon Jablonski is in possession of the maps and will be leading the task force.

There will be no WAML meeting in fall 2010 due to the inability to find a meeting host, the Executive Board has decided. The next meeting will be in Vancouver in spring 2011. If you are considering hosting a future meeting, such as fall 2011, please contact Michael Smith at mls003@ucsd.edu.

Future WAML meetings:

Vancouver, British Columbia, May 17-20, 2011

Hawaii, 2012 (Dates TBD)

OTHER NEWS:

This Week In Maps is a new podcast devoted to maps.

The British Ordnance Survey recently launched OS Open-Data, where the public can view maps as well as download free data sets.

The BBC4 has recently aired several programs about maps, unfortunately they cannot be viewed online. However, The Beauty of Maps series page does contain a few clips.

This might be worth a special trip across the pond: Ten of the Greatest: Maps That Changed The World. From the USSR’s Be On Guard! map in 1921 to Google Earth, a new exhibition at the British Library charts the extraordinary documents that transformed the way we view the globe forever by Peter Barber, Head of Map Collections at the British Library.

The San Francisco Urban Forest Map: According to Friends of the Urban Forest (FUF), San Francisco is the first city with an Urban Forest Map thanks to a collaboration between FUF, the California Dept.
of Forestry and Fire Protection, and the City of San Francisco. It's an online database of San Francisco’s trees, including location, species, size, and health, with a cool map interface. Anyone can add trees, or browse for information.

California Geological Survey marks 150th anniversary, issues new seismic maps.

Earth View is now available in Google Maps.

Internet Resources


Online Exhibition: Cartografía Histórica en la Biblioteca de la Universidad de Sevilla. URL: http://expobus.us.es/cartografia-historica/index.html

Paris 26 Gigapixels is a stitching of 2346 single photos showing a very high-resolution panoramic view of the French capital. URL: http://www.paris-26-gigapixels.com/index-en.html

Now online from the Texas A & M University Library’s Map and GIS Collections and Services: The Geologic Atlas of the United States is a set of 227 folios published by the U.S. Geological Survey between 1894 and 1945. URL: http://repository.tamu.edu/handle/1969.1/2490

A Nation Without School Libraries (Google Map): This map marks the cities, towns, communities, and states that have made the decision to either eliminate certified school library positions (indicated in blue) or require one school librarian to work with two (2) or more school library programs throughout the week (indicated in red). URL: http://maps.google.com/maps/ms?ie=UTF&msa=0&msid=117551670433142326244.000482bb91ce51be5802b

CaribMap: For those interested in Caribbean cartography, CaribMap has been improved with additional images and functionality. Most maps have been scanned at high resolution (600 dpi) making it possible to zoom in to the smallest of details and place names. Donations of images are welcome (see “about” page).--Blair Hedges, site owner URL: http://www.caribmap.org/


Gulf Coast Oil Spill Map: How big is the Deepwater Horizon oil spill? (Google Map) URL: http://paulrademacher.com/oilspill/

New World Order: maps deconstructed by the artist Shannon Rankin. (BLDG BLOG) URL: http://bldgblog.blogspot.com/2010/03/new-world-order.html


This map is awesome: Paramount’s Geographic Facsimile Map of 1927 URL: http://www.mcwetboy.net/maproom/2010/05/paramounts_geog.php

Some web sites mentioned during the WAML Spring 2010 Meeting presentations:

Tactile Maps - download the software and find further information at the Spatial and Map Cognition Research Laboratory at the University of Oregon Geography Department. URL: http://geography.uoregon.edu/geocog

Website: Archaeology and Landscape in the Altai Mountains of Mongolia. URL: http://mongolianaltai.uoregon.edu/

See also, the article, “From Oregon to Mongolia, Art History and Geography Experts Document Landscape.” URL: http://mongolianaltai.uoregon.edu/

Stanford University’s Image Collections (beta) URL: http://collections.stanford.edu/images
Regional Land Information Database of Lane County.
URL: http://www.rlid.org/

GIS at Lane Community College. URL: http://gis.lanecc.edu/

What’s new at the USGS?

See also: question and answer follow up about the historic topographic project with presenter Sherri Schneider:

Q: Will the quads be available in a geotiff format?
A: Yes, both with as a full sheet and without “collar”.

Q: Are the indexes being scanned?
A: Not at this time. These may be added once the topographic maps are completed.

Q: The back of the quads often contained valuable information, is this being scanned?
A: In general, yes. However this information will need to be served separately. Being reviewed.

Q: Are reprints being scanned or only editions?
A: Anything with a separate date, including map plant imprint. So -- Yes.

Q: Are the historical USFS quadrangles being scanned?
A: Only those released as part of USGS - Forest Service agreement. I do not have access to a separate Forest Service Archive.

Good point to explore (thanks).

Q: Are the geologic quadrangles being scanned?
A: Yes but NOT as part of this project. Dave Soller, National Geologic Map Database and I, representing Publications Warehouse, are proceeding on this. I hope to convert and release as GeoPDF.

Sheri Schneider, USGS OR Geospatial Liaison
503-310-1531, fax: 503-251-3470
sschneider@usgs.gov
USGS, 2130 SW 5th Ave.,
Portland, OR, 97201

Regarding discussion of Libguides & Delicious pages, here are a couple of examples:

gis_resources (via UC San Diego) URL: http://delicious.com/gis_resources

New Publications

“She Does a Better Job Than Map Quest!” Wonderful hand-drawn maps from firefighters, club-hoppers, Boy Scout dads, grandmothers, and Alexander Calder. (Slate Magazine) URL: http://www.slate.com/id/2252161/pagenum/all/

Mapmaker, Mapmaker, Draw Me My Life Freelance writer Jenna Schnuer thinks mapmaker Connie Brown is one of the most creative map geeks she has ever come across—and, really, she means that as the ultimate compliment. Working under the company name of

Research Council presents 11 questions that should shape the next decade of geographical sciences research. Reflecting a time when populations are moving and natural resources are being depleted, the questions aim to provide a more complete understanding of where and how landscapes are changing to help society manage and adapt to the transformation of Earth’s surface.” (National Academies of Science)

An article about the announcement can be found at Science Daily. URL: http://www.sciencedaily.com/releases/2010/03/100325113429.htm

The full report and summary is available at the National Academies Press. URL: http://www.nap.edu/catalog.php?record_id=12860

“March 25, 2010 -- A new report from the National Research Council presents 11 questions that should shape the next decade of geographical sciences research. Reflecting a time when populations are moving and natural resources are being depleted, the questions aim to provide a more complete understanding of where and how landscapes are changing to help society manage and adapt to the transformation of Earth’s surface.” (National Academies of Science)
Redstone Studios, Brown translates her clients’ travels, lives, businesses, and interests (marathon running, antique cars, even dung) into hand-painted maps on canvas. “It’s safe to say you can map any aspect of your life,” says Brown. (National Geographic Traveler) URL: http://blogs.nationalgeographic.com/blogs/intelligenttravel/2010/03/mapmaker-mapmaker-draw-me-my-l.html

A new book by geographer Mark Monmonier, *No Dig, No Fly, No Go*, has just been released. There is an e-book version available for as little as $5. From the publisher’s website: Rooted in ancient Egypt’s need to reestablish property boundaries following the annual retreat of the Nile’s floodwaters, restrictive mapping has been indispensable in settling the American West, claiming slices of Antarctica, protecting fragile ocean fisheries, and keeping sex offenders away from playgrounds. But it has also been used for opprobrium: during one of the darkest moments in American history, cartographic exclusion orders helped send thousands of Japanese Americans to remote detention camps. Tracing the power of prohibitive mapping at multiple levels—from regional to international—and multiple dimensions—from property to cyberspace—Monmonier demonstrates how much boundaries influence our experience—from homeownership and voting to taxation and airline travel. A worthy successor to his critically acclaimed *How to Lie with Maps*, the book is replete with all of the hallmarks of a Monmonier classic, including the wry observations and witty humor.

Another new book of interest: *Rethinking the Power of Maps* by Denis Wood, with John Fels and John Krygier. A contemporary follow-up to the groundbreaking Power of Maps, this book takes a fresh look at what maps do, whose interests they serve, and how they can be used in surprising, creative, and radical ways. Denis Wood describes how cartography facilitated the rise of the modern state and how maps continue to embody and project the interests of their creators. He demystifies the hidden assumptions of mapmaking and explores the promises and limitations of diverse counter-mapping practices today. Thought-provoking illustrations include U.S. Geological Survey maps; electoral and transportation maps; and numerous examples of critical cartography, participatory GIS, and map art.
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