

Montana State Digital Library

February 2007 - March 2007

Goal One, Content: Montana State Library (MSL) acquires and manages relevant quality content that meets the needs of Montana library partners and patrons.

- Library Information Services (LIS) met with Environmental Quality Council staff to coordinate our acquisition of MEPA documents.
- LIS reviewed the Spring EBSCO list and updated periodical acquisitions.
- LIS added to our holdings 1,200 electronic books from the Montana Shared Catalog eContent Collection (OCLC NetLibrary); continue to harvest and ingest objects into the digital archive.
- LIS developed the metadata to describe the 152 domains that comprise the state government web. Continue to investigate the possibility of developing a web archive.
- LIS presented "Get the Skinny on State Publications" workshop for state agency employees responsible for the creation and distribution of state publications.
- LIS attended Adobe Acrobat web seminar resulting in the decision to acquire new archival .pdf format that allows for metadata input. MS Word state publications received in the future may be archived with this new format.
- Natural Heritage Program (NHP) added over 1800 new animal Observation records and updated just over 2000 animal Observation records.
- NHP imported 250,000 bird observation records from the Avian Science Center at U.M.M. more than doubling the size of our bird observation database.
- NHP updated and published 104 Land Management maps on the Natural Resources Information System (NRIS)/NHP web site that depict public lands ownership, conservation easements, and special lands designations. These maps are produced from the NHP Stewardship Mapping Project database. Also adding instructions for printing them out on small-format printers.
- NRIS completed a comprehensive migration of clearinghouse databases to new hardware and software. This was a full-time, two month project for both Dave Ratz and Tim Metcalfe. Dave documented the complex relationships between all of our web applications and databases. He also modified test versions of each application until they worked perfectly with the new database servers. Tim managed the database environment, making sure that both copies of each database were working in synch. He also reconstructed the update routines for many databases to work in SQL Server 2005. Everyone else helped by identifying tasks, modifying applications and working with partners to minimize disruptions.

Goal Two, Access: MSL provides libraries, agencies, and its partners and patrons with convenient, high quality, and cost-effective access to library content and services.

- LIS continued to review and improve the library web. Changes include creating a New Publications link that points to the catalog and directs users to new publications broken down by state agency.
- LIS presented "A World of Resources at your Desktop: Exploring the Montana State Digital Library" overview to acquaint state agency employees with MSL resources. Evaluation responses are recorded for developing specialized training.
- NHP staff filled 144 MTNHP mediated data requests between February 1 and March 27th.
- Provided Natural Heritage dataset and scheduled training for Ravalli county planning staff.
- Developed a pilot web service for Montana Department of Transportation (MDT) to provide real-time access to Geographical Information System (GIS) data from the NHP databases.
- Completed and web-posted NHP report on measures of aquatic diversity in the northern Great Plains ecoregion, funded by The Nature Conservancy (TNC).
- NRIS began the visioning process for a new, more comprehensive Montana Digital Atlas application that will include the capabilities of the current Montana Digital Atlas, Topofinder I, Topofinder II and the Data Bundler.
- NRIS worked on development of the Montana GIS Data Portal, which will be a community website where patrons can discuss GIS issues and publish records about their GIS data holdings. We hope to launch the portal by early summer.
- NHP Web Statistics: **nhp.nris.mt.gov** averaged 861 visitor sessions per day in February and 905 visitor sessions per day in March. Currently, the five most requested pages are:

Montana Natural Heritage Program <http://nhp.nris.mt.gov/>
 Bird Distribution http://nhp.nris.mt.gov/animal/latilong_bird.asp
 Community Field Guide
http://nhp.nris.mt.gov/community/guide_report.asp
 Natural Heritage Program Publication
http://nhp.nris.mt.gov/Reports_List.asp
 Montana Animal Field Guide
<http://nhp.nris.mt.gov/animalguide/Default.aspx>

- NRIS Web Statistics: **nris.mt.gov** averaged 2,267 visitor sessions per day in February and 1,996 visitor sessions per day in March. Currently, the five most requested pages are:

Montana Maps <http://nris.mt.gov/gis/gisdata/lib/mtmaps.aspx>
 Montana Geographic Information Clearinghouse <http://nris.mt.gov/gis/>

NRIS Home Page <http://nris.mt.gov/>
 Map of the 2007 Montana Legislature
<http://nris.mt.gov/gis/legislat/2007/>
 Montana Land Ownership Maps <http://nris.mt.gov/gis/ownmaps.asp>

OCCLC Digital Archive Access Summary
 FEB-07

Inst Name	Inst Location	Number of Object Access Requests
UNIV OF CALIFORNIA, RIVERSIDE	California	142
MONTANA STATE LIBR	Montana	30
STATE LIBR OF IOWA	Iowa	5
BOZEMAN PUB LIBR	Montana	4
US GEOL SURVEY, NAT CTR	Virginia	3
UNIV OF VIRGINIA	Virginia	3
CALIFORNIA STATE LIBR	California	2
UNIV OF MONTANA, MANSFIELD LIBR	Montana	2
ARKANSAS STATE LIBR	Arkansas	1
CALIFORNIA STATE UNIV, CHICO	California	1
STATE LIBR OF FLORIDA	Florida	1
ILLINOIS INST OF TECH	Illinois	1
BALL STATE UNIV LIBR	Indiana	1
UNIV OF SOUTHERN INDIANA	Indiana	1
FLATHEAD CNTY LIBR	Montana	1
NATIONAL PARK SERVICE	California	1
UNIV OF OREGON LIBR	Oregon	1
PORTLAND STATE UNIV LIBR	Oregon	1
MONTANA STATE UNIV, NORTHERN	Montana	1
MISSOULA PUB LIBR	Montana	1
FLATHEAD HIGH SCH LIBR	Montana	1
N/A		256

Goal Three, Consultation and Leadership: MSL provides consultation and leadership to enable its patrons and partners to reach their goals.

- LIS attended and helped present Montana Shared Catalog New Library training.
- LIS presented a workshop for state agencies on "Submitting State Publications."
- Gave State Library Overview presentations at Department of Health and Human Services, the State Library conference room and at an orientation for new state employees.
- NRIS demonstrated Geographic Information Clearinghouse products and services at the MAGIP Annual Spring Meeting in Miles City, Montana.
- LIS staff attended online presentations, "Five Weeks to a Social Library" and "Creating PowerPoint Presentations" both conducted using the Go-To-Meeting software. Some library presentations may be offered in the future using this new distance learning software.

- NHP staff attended and presented at USFS Region 1 aquatic team meeting.
- NHP staff attended and presented at American Fisheries Society meeting.
- NRIS worked with the State Historical Preservation Office to help them plan the development of a GIS layer for the State Antiquities Database.
- NRIS hosted a three-day data editing workshop specific to the National Hydrography Dataset. A United States Geological Survey (USGS) expert taught the class how to edit the nation's official inventory of lakes, streams, ponds and other water bodies.
- NRIS submitted a grant application to the Montana Land Information Council on behalf of the Hydrography Working Group to coordinate improvement of the Montana portion of the National Hydrography Dataset, which is the nation's official inventory of lakes, streams, ponds and other water bodies.
- NHP submitted a grant application to the Montana Land Information Council to coordinate vegetation/land cover mapping for Montana, with strong multi-partner support.

Goal Four, Collaboration: MSL promotes partnerships and encourages collaboration among its partners and patrons so that their information needs can be met.

- LIS staff attended Offline, the annual spring technology conference in Bozeman.
- LIS staff attended the 2007 OCLC Western members' conference in Bozeman.
- LIS staff attended Montana State Trainers' Network meeting in Helena
- LIS staff attended Library Transformation: Making it Happen teleconference to learn what other libraries are doing.
- NHP established a cooperative agreement with MT-FWP and Montana Audubon for management of Montana Bird Distribution database (data housed and public web access provided by NHP).

Goal Five, Sustainable Success: MSL is a well-run organization and a sought-after employer; it is efficient and effective (measured against partner and patron outcomes), and successfully engaged in its ongoing mission.

- Supported and saw the passage of House Bill 132, which redefines state publications to clarify the role of the library in acquiring, cataloging, preserving, and providing access to electronic state publications.
- Supported Senate Bill 317, which supports the continued maintenance of the Stewardship data layer by our Natural Heritage Program.