

Montana State Digital Library
December 2006 - January 2007

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

- Updated the DEQ Remediation and DEQ Air Quality Monitoring applications to incorporate database changes that implemented at the partner agencies. Similarly, made enhancements to reports generated by the DNRC Water Rights application.
- Created a digital state publication submission site so that all agencies can submit digital copies as well as tangible copies like paper or CD's. See <http://msl.mt.gov/spc/forms/submit.asp>.
- Released the annual update to the Heritage Program's *Montana Stewardship Mapping Database*-a single, statewide digital data set that incorporates information from both public and private entities. It assembles public land ownership data from state and federal agencies, as well as land trusts on a regular basis, with a major database update occurring every winter.
- Added the new Land Stewardship data to the Digital Atlas, Data Bundler and Data List to make them more readily accessible to the public. The data, provided by NHP, describes Montana's public lands, managed areas and conservation easements.
- Added land cover maps and GIS data for the Centennial Valley and the Rocky Mountain Front to the Ecology section of the Natural Heritage Program (NHP) web site.
- Entered records from 2006 mollusk field surveys, totaling 815 Observation records for 42 species, and including a couple species new to Montana, as well as significant range extensions and fill data gaps for several Species of Concern.
- Caught up the backlog of un-catalogued state publications.
- Investigated methodologies to capture state publications in the context of their web sites. Tested ARCHIVE-IT and the OCLC Web Archive Workbench (WAW), and determined that Archive-IT provides MSL better capability to carry out our mission. Implementing Archive-It would provide us an alternate means to capture most state web publications and would give us a fully text searchable way to access state publications. Further consideration will be given to this project.
- Reviewed requests and purchased new library science books for the professional development collection.
- Began annual process to update agencies on the numbers of copies of state publications and the formats requested for 2007.
- Continued to ingest objects into the digital archive.

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.

- Produced and bound 180 hardcopies of the 2007 District Highlights Books for Montana legislators.
- Completed and posted two new NHP reports: "Surveys of Significant Plant Resources in Southeast and South-central Montana" (partner: BLM) and "National Wetland Inventory attributes: a pilot study in the Gallatin Valley" (partner DEQ/EPA). The former study documented a plant new to Montana, the Wyoming thistle (not the weedy kind!).
- Prepared to upgrade the library's map servers and spatial databases to ESRI's latest software product, ArcGIS Server 9.2. The new software provides programming tools that will help NRIS improve upon current web mapping applications. NRIS is proceeding carefully to ensure continuity of services throughout the transition.
- Continue to take advantage of the new Content Cooperative pilot for OCLC's Digital Archive.
- Improved the usability of the MSL web site: a) The State and Federal Publication pages were separated for greater clarity. b) Montana Core Collections links were updated.
- Added 8500 photos of wetlands to the Natural Heritage Information Portal (from the statewide Amphibian Inventory).
- NHP Ecologists completed draft maps of wetland and riparian areas in the Bitterroot valley.
- Added a page of staff bio/credentials and photos to "about NHP".
- Presented a library overview during the Professional Development Center Orientation for New Employees.
- Presented Overview of Montana State digital Library Resources and Services for State Government Workers to employees from the Departments of Administration, Agriculture, Justice, Public Health and Human Services, Revenue, Transportation, Montana Arts Council, Montana Fish, Wildlife & Parks, and Montana State Legislature.
- Presented NHP Information Portal with newly available photos database and an update of wetland mapping activities at the January Wetland Council meeting.
- NHP staff worked Montana Dept. of Transportation staff to provide direct access to Element Occurrence and Ecological Site records via a new web map service.
- Worked with staff of the US Natural Resource Conservation Service to develop information services that meet their environmental review and conservation planning needs.

NRIS Web Statistics: **nris.mt.gov** averaged 3137 visitor sessions per day in December and 3401 visitor sessions per day in January. Currently, the five most requested pages are:

Montana Maps <http://nris.mt.gov/gis/gisdatalib/mtmaps.aspx>

NRIS Home Page <http://nris.mt.gov/>

Montana Geographic Information Clearinghouse <http://nris.mt.gov/gis/>

Montana Land Ownership Maps <http://nris.mt.gov/gis/ownmaps.asp>

Map of the 2007 Montana Legislature <http://nris.mt.gov/gis/legislat/2007/>

OCLC Digital Archive Access Summary
 Institution MZB
 DEC-06

Accessing Inst	Inst Name	Inst Location	Access Requests	Objects Accessed
MZB	MONTANA STATE LIBR	Montana	58	58
IOZ	STATE LIBR OF IOWA	Iowa	8	8
NPS	UNIV OF N CAROLINA AT PEMBROKE	North Carolina	7	7
GIS	US GEOL SURVEY, NAT CTR	Virginia	6	6
NPRKS	NATIONAL PARK SERVICE	California	2	2
OCC	OCLC LIBR	Ohio	2	2
KAF	MCBRIDE LIBR	Mississippi	1	1
UUS	UTAH STATE UNIV	Utah	1	1
Public	N/A		85	85

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

- Demonstrated Geographic Information Clearinghouse products and services at the Montana Government Information Technology conference.
- Participated in "An Evening at Montana Libraries" sponsored by Montana Library Association. Demonstrated Geographic Information Clearinghouse products and services while conversing with librarians, legislators and staffers.
- Worked with the governor's office and other agencies to demonstrate the value of tracking Restoration Grants on a statewide, multi-year, multi-agency basis. NRIS' contribution to the project was to build a prototype database to integrate Restoration Grant data from various agencies. NRIS also developed prototype maps and reports to present summaries of the data.
- Responding to a request from depository libraries we will now make available MARC records for all new state publications that require original cataloging at the time the publications are distributed. Created an FTP site where depository libraries will find MARC records to download into their local systems. <http://msl.mt.gov/spc/marcrecords/marcretrieve.asp>
- Gave a tour of the library to a class of enthusiastic third-grade students visiting the library, who were learning about various future occupations.

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

- NHP Zoologist hosted coordination meetings with Montana Fish Wildlife & Parks and Montana Audubon to develop a Memorandum of Understanding for developing, managing and disseminating the Montana Bird Distribution database.
- Attended the Montana Government Information Technology conference early in December.

- Participated in the December meeting of the Montana Land Information Council; NHP staff chaired meetings of the Land Cover I-Team and developed proposals for a Land Cover Coordinator, related new web info & tools, and wetland/riparian mapping of southwest Montana.
- NHP staff was requested by Montana Dept. of Environmental Quality to provide leadership for the Assessment, Monitoring and Evaluation component of the agency's 2007 Comprehensive Wetland Strategy.
- NHP accepted responsibility and funding to map wetland of the Upper Clark Fork drainage for the Montana Dept. of Justice (UCF Restoration Fund)
- Continue to support the OCLC/MSL Content Cooperative Pilot project. This project is introducing many libraries to digital projects. To date Montana libraries have contributed approximately 450 digital objects to the OCLC Digital Archive.
- Hosted the agency Librarians Roundtable meeting in December 2006.
- Attended Montana Government IT 2006 conference.
- Attended the MLA Conference 2007 Committee Chairs meeting.
- Participated in a three-week Association of College and Research Libraries online seminar called "Electronic Collection Development for the Academic e-Library"

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.

- Contributed to the development of presentation materials for use in the MSL legislative budget hearings.
- Reviewed procedures for cataloging and distributing state publications. Automated this process to improve workflow.
- Gave presentations at partner state agencies to explain and answer questions about HB132 that modernizes the state publications statute.
- Attended Microsoft Webinar on OpenXML.