

MINUTES

MONTANA HOUSE OF REPRESENTATIVES 52nd LEGISLATURE - REGULAR SESSION

SUBCOMMITTEE ON INSTITUTIONS & CULTURAL EDUCATION

Call to Order: By WM. "RED" MENAHAN, on February 12, 1991, at 8:00 A.M.

ROLL CALL

Members Present:

Rep. Wm. "Red" Menahan, Chairman (D)
Sen. Gary Aklestad (R)
Sen. Tom Beck (R)
Rep. Dorothy Cody (D)
Rep. Chuck Swysgood (R)
Sen. Eleanor Vaughn (D)

Members Excused: Sen. Dick Manning

Staff Present: Skip Culver, Associate Fiscal Analyst, (LFA)
Mary LaFond, Budget Analyst (OBPP)
Mary Lou Schmitz, Secretary

Please Note: These are summary minutes. Testimony and discussion are paraphrased and condensed.

Richard Miller, State Librarian, gave an overview of the Library and Library Commission which consists of seven people, five of whom are appointed by the Governor, the Superintendent of Public Instruction and a University Librarian appointed by Commissioner of Higher Education. They serve staggered terms of three years each except for the two special designations. The State Librarian serves as the Commission's Executive Officer and carries out the Commission's policy.

The powers given to the Commission, through the State Library, are to consult with librarians and places which want to establish public libraries in the state, determine the rules and standards for the operation of the State Library Agencies, accept and expend federal, state and private funds, provide state-wide library services to blind and physically handicapped individuals, library services to state government and to unserved portions of the state where there is no other library service available. They will act as a state board of professional standards, develop public library standards and certify librarians. They will establish public library federations to determine where headquarters of the six public library federations are located.

Mr. Miller said they provide an inter-library loan service throughout the state. They have a state documents depository

system and the State Library is the hub of distribution of state documents around the state.

Mr. Miller handed out Exhibit 1, Bibliography Series and Exhibit 2, Montana State Library News. The Library's Blind and Physically Handicapped program is a federal/state partnership with the federal people contributing more than the state. The federal government provides recorded materials on discs and cassettes and provides braille material through a contract with Utah State Library for the Blind. They provide both cassette players and phono players free for use to readers and use the free franking privilege through the U.S. Postal Service. They serve over 2600 individuals and institutions such as nursing homes. The circulation is about 10,000 books per month. This program also coordinates their volunteer program and had over 5,000 hours donated last year.

REP. DAVE BROWN, HD 72, BUTTE-SILVER BOW said the Library of Congress is offering to the states access to a database system so that libraries, legislators, staff and public can access everything from earthquake information to federal legislation, help for the blind to topography. The cost of that access is \$4500. The Library of Congress offered a six month interim sign-up checkout system. It is worth a try, at least over this Biennium. **REP. CODY** asked if the \$4500 is for the two year period and **REP. BROWN** said yes. She asked if the six month tryout period is part of the \$4500. **REP. BROWN** said it is separate from that and the Library shuffled some internal budgets to pay for a \$1500 sign-up. **REP. CODY** asked who would make the decision on how it works out and **Mr. Miller** said the staff would.

Mr. Miller handed out Exhibit 3, Montana Natural Resource Information System. Funding, as proposed by the Executive Budget, is to be used to maintain this operation.

Mr. Miller reviewed budget issues, Exhibit 4.

Barbara Ridgway, former Director of the Library for the Blind and Physically Handicapped, urged the Subcommittee to support funding for an additional FTE for the Library for the Blind and Physically Handicapped. In the past ten years the Library has realized a 93% increase in circulation. Between 1988 and 1989 the circulation increase was 32%. Library patrons have increased by 36% in the last ten years yet no proportionate staffing has occurred. An equitable library service for Montana's Blind and Physically Handicapped continues to be a long range goal. The Library has come to rely on volunteers to replace paid staff. Volunteers have taken on the fundamental work of the Library. The state cannot continue to rely on non-salaried staff to carry out the routine library operation. Too few staff are doing too many tasks. Some volunteers are leaving as they are overwhelmed by the amount of work that exists. During calendar year 1989 volunteers contributed 8,837 labor hours to the Library for the Blind. Of this total number 2,385 hours were devoted to duties

required to provide basic day to day service. During calendar year 1990 volunteers contributed 9,577 hours or the equivalent of 4.6 FTE.

A man representing the Montana Association of the Blind supports the request for an additional FTE.

Pat Donley, Legislative Chairman, Association of the Blind, also asked for approval of the budget and additional FTE.

REP. CODY asked for an explanation of #4, "Recently public libraries have been withdrawing as depositories mainly due to the lack of assistance, guidance, and direction available to them." **Mr. Miller** said in the law it states each agency is to give the Library at least 4 copies of everything they publish for public consumption. They have no one to enforce that. They tend to get documents from some agencies when they find out about them, usually after the fact, to distribute them to the depository libraries. His concern is the statutory responsibility they have and lack of staff to carry it out successfully. They have requested staff and made recommendations how to change this problem.

SEN. AKLESTAD asked how long this has been statutory. An Aide to **Mr. Miller** said since 1977.

REP. CODY referred to **Mr. Miller's** statement that in the last session the Governor did not approve all the funds in HB193 and asked how much was approved. **Mr. Miller** said \$566,000 for the Biennium. Sections approved were the Base Grants of \$1,000 for each public library for the Library Federation activities and \$200,000 per year of the Biennium to reimburse libraries for inter-library loan lending. **REP. CODY** asked about not charging user fees to private contractors working with state agencies. **Mr. Miller** said the decision was initially developed by the NRIS Advisory Council and taken to the Commission for approval. They said a fee should not be charged to someone under contract to a state agency.

SEN. VAUGHN said in the 1989 legislation they were granted \$1,136,662 for the State Library card basis. It was approved but vetoed by the Governor and she would request it be put back in this year. **Mr. Miller** said the section vetoed last session was the multi-library card. In the veto message the Governor said this was an untried concept which is not the case. The Sage Brush Federation, a state public library federation, actually received a federal grant to try this and it was quite successful. This would recognize both the populated and the less populated areas.

Mr. Culver explained the budget issues, Exhibits 4 and 5.

EXECUTIVE ACTION ON STATE LIBRARY

Tape No. 2;A;144

J1021291.HM1

February 12, 1991

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Motion/Vote: REP. SWYSGOOD moved to accept the Executive Budget, \$2,108,068 FY92 and \$2,112,694 FY93. **MOTION CARRIED UNANIMOUSLY.**

ADJOURNMENT

Adjournment: 10:00 A.M.



WM. "RED" MENAHAN, Chair



MARY LOU SCHMITZ, Secretary

WM/mls

HOUSE OF REPRESENTATIVES
INSTITUTIONS AND CULTURAL EDUCATION SUBCOMMITTEE

ROLL CALL

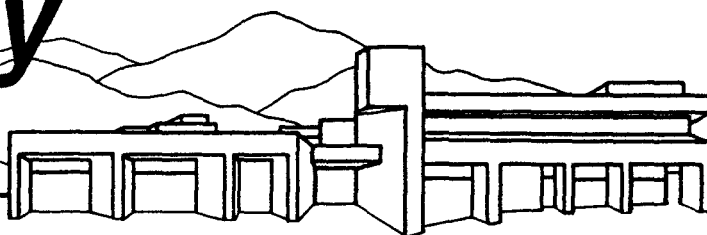
DATE 2-12-91

NAME	PRESENT	ABSENT	EXCUSED
REP. WM. "RED" MENAHAN, CHAIRMAN	✓		
SEN. DICK MANNING, VICE-CHAIRMAN			✓
REP. DOROTHY CODY	✓		
SEN. ELEANOR VAUGHN	✓		
REP. CHUCK SWYSGOOD	✓		
SEN. GARY AKLESTAD	✓		
SEN. TOM BECK	✓		

HR: 1991
CS10DLRLCALIN&C.MAN

MONTANA STATE LIBRARY

Bibliography Series



GRANTSMANSHIP RESOURCES AT THE MONTANA STATE LIBRARY

The Montana State Library keeps current editions of the following materials. Most of these titles are located on the R 001.44 shelves unless otherwise noted. Please see a Reference Librarian for any further assistance.

AIDS FUNDING: A GUIDE TO GIVING BY FOUNDATIONS AND CHARITABLE ORGANIZATIONS. The Foundation Center. Profiles, including application information, for more than 150 private U.S. foundations involved in AIDS funding activities.

AMERICA'S NEWEST FOUNDATIONS: A SOURCEBOOK ON RECENTLY CREATED PHILANTHROPIES. The Taft Group. Information on 500 grant-making foundations created since 1980.

ANNUAL REGISTER OF GRANT SUPPORT. National Register Publishing Company. Describes government agencies, public and private foundations, corporations, community trusts, unions, educational and professional associations, and other sources of grant monies.

CATALOG OF FEDERAL DOMESTIC ASSISTANCE. U.S. Government Printing Office. Comprehensive summary of federal assistance programs. Published annually with supplements.
R 336.185 UNI

COMMERCE BUSINESS DAILY. U.S. Government Printing Office. Daily list of U.S. Government procurement invitations, contract awards, subcontracting leads, sales of surplus property and foreign business opportunities. **PERIODICALS COLLECTION**

CORPORATE FOUNDATION PROFILES. The Foundation Center. Comprehensive information on corporate direct giving programs and company sponsored foundations.

DIRECTORY OF BIOMEDICAL AND HEALTH CARE GRANTS. Oryx Press. Describes more than 2,000 health related funding programs.

DIRECTORY OF BUILDING AND EQUIPMENT GRANTS. Research Grant Guides. Identifies building, renovation and equipment grants for nonprofits.

DIRECTORY OF FEDERAL AND STATE BUSINESS ASSISTANCE. National Technical Information Service. Describes federal, state and other offices with programs and services to assist U.S. companies. R 351.8209 DIRECTO

DIRECTORY OF FINANCIAL AIDS FOR MINORITIES. Reference Service Press. Scholarships, fellowships, loans, grants, awards, internships, state sources of information on educational benefits.

DIRECTORY OF FINANCIAL AIDS FOR WOMEN. Reference Service Press. Scholarships, fellowships, loans, grants, internships, awards and prizes for women.

DIRECTORY OF GRANTS IN THE HUMANITIES. Oryx Press. Identifies over 2,500 current programs that support research and performance in literature, language, linguistics, history, anthropology, philosophy, ethics, religion, and fine and performing arts.

DIRECTORY OF GRANTS IN THE PHYSICAL SCIENCES. Oryx Press. Money available, eligibility, restrictions and requirements for more than 1500 grant programs covering laboratory research, education, internships and conferences.

DIRECTORY OF RESEARCH GRANTS. Oryx Press. Over 4,000 grants, contracts, fellowships, and loan programs for research, training and innovative effort sponsored by more than 600 organizations.

ENCYCLOPEDIA OF ASSOCIATIONS. Gale Research, Inc. Information on over 20,000 national and international government, private and public organizations. READY REFERENCE R 016.73 GALE

FEDERAL FUNDING GUIDE. Government Information Services. Describes federal programs organized by broad subject which offer assistance to state and local governments and nonprofit organizations.

FEDERAL GRANTS MANAGEMENT HANDBOOK. Grants Management Advisory Service. Everything you need to know about the strings attached to federal grants.

FEDERAL REGISTER. U.S. Government Printing Office. Daily record of rules, regulations, notices and other documents produced by Federal departments and agencies. PERIODICALS

THE FOUNDATION DIRECTORY. The Foundation Center. Lists over 4,500 nonprofit, nongovernmental organizations with assets in excess of \$1,000,000 or which made grants over \$1,000,000 in one year.

THE FOUNDATION GRANTS INDEX ANNUAL: A CUMULATIVE LISTING OF FOUNDATION GRANTS. The Foundation Center. Provides detailed subject access to 34,000 grants made in excess of \$5,000.00 during the year of record by approximately 500 major foundations.

FOUNDATION GRANTS TO INDIVIDUALS. The Foundation Center. Devoted entirely to foundation grant opportunities for individual applicants.

FOUNDATION NEWS. Council on Foundations. Explores areas of interest to grant seekers. PERIODICALS

FUND RAISER'S GUIDE TO CAPITAL GRANTS. The Taft Group. Over 550 funding sources for building equipment and other capital support for nonprofits.

FUND RAISING MANAGEMENT. Hoke Communications, Inc. Marketing and management for nonprofits. PERIODICALS

GET THAT GRANT: GRANTWRITING FROM CONCEPTION TO COMPLETION. Community Systems. Grantwriting resources to help develop funding proposals.

GOVERNMENT ASSISTANCE ALMANAC 1989-1990. Omnigraphics, Inc. and Foggy Bottom Publications. A simplified guide to begin the search for federal funding possibilities which will eventually lead to the catalog of Federal Domestic Assistance.

GRANTS AND AIDS TO INDIVIDUALS IN THE ARTS, INTERNATIONAL. Washington International Arts Letter. Lists most grants, prizes and awards for professional work in the U.S. and abroad.

THE GRANTS REGISTER. St. Martin's Press. Primarily for students at or above the graduate level or for those requiring advanced professional or vocational education.

GRASSROOTS FUNDRAISING JOURNAL. GFJ. Articles covering various aspects of fundraising, grantsmanship, planning and management. PERIODICALS

GUIDE TO CORPORATE GIVING IN THE ARTS. American Council for the Arts. Financial profile and corporate foundation information for support of the arts.

HANDICAPPED FUNDING DIRECTORY. Research Grant Guides. Describes foundations, corporations, associations and agencies that have funded services and programs for the disabled.

IRS APERTURE CARDS (990s). Internal Revenue Service. Good source of potential grant opportunities derived from the IRS-PF form required of private foundations with assets of \$5,000 or more. The State Library maintains a collection of the Montana foundations.

MONTANA AND WYOMING FOUNDATION DIRECTORY. Grants Assistance Center, Eastern Montana College Library. Source of area information derived from IRS 990 cards, the Foundations Center's National Data Book and a questionnaire which was sent to the reporting foundations.

NATIONAL DATA BOOK OF FOUNDATIONS. The Foundation Center. Designed for preliminary research on funding sources. Identifies many small foundations which have given grants ranging from \$1.00 to several thousand dollars each year.

OMB CIRCULARS. U.S. Office of Management and Budget. These documents set the basic rules to be followed by agencies administering federal grants. Includes requirements for grants to state and local governments, institutions of higher education, hospitals and other nonprofit organizations. OMB Circulars can be found in the *Federal Grants Management Handbook*, vol 2 (R 001.44 FED GMN) or in the Federal Documents collection (PREX 2.4:)

RURAL RESOURCES GUIDE. U.S. Department of Agriculture. Designed to help rural officials (local governments, tribal governments, community leaders) identify public and private sources of assistance for rural development. A 102.8:R88

SOURCE BOOK PROFILES. The Foundation Center. Subscription service providing an in-depth profile of the 1000 largest U.S. corporations over a two year cycle.

TAFT CORPORATE GIVING DIRECTORY. The Taft Group. Company sponsored foundations with information on people, numbers and priorities.

TAFT FOUNDATION REPORTER. The Taft Group. Private foundation information including people, numbers and procedures. Both Taft publications include biographical information on the people making grant decisions, including indexes by name, state of birth and alma mater.

UNITED STATES GOVERNMENT MANUAL. U.S. Government Printing Office. Official handbook of the Federal government. Includes informaion on government agencies including history, purpose, authority and contract/grants information. **READY REFERENCE R 353 UNI**

Occasionally, it is appropriate to check online databases for grants information. The State Library has access to the following databases: **FOUNDATION DIRECTORY, FOUNDATION GRANTS INDEX, NATIONAL FOUNDATIONS, AND GRANTS.** Please check with a Reference Librarian for further information on database searching.

KB/DS/DH 4/90

News

Exhibit 2-12-91
DATE 2-12-91
HB Inst 473
Subcom

VOLUME 19, NO. 7

JANUARY 1991

Center for the Book Plans February Debut Program

Mark your calendars! The Montana Center for the Book's debut program will be held Friday and Saturday, Feb. 8 and 9, in Helena. All events are free, and the public is encouraged to attend.

The celebration begins at 8 p.m. on Friday, Feb. 8, with a reception, performance and book signing on the 6th floor of the Montana Club.

On Saturday, Feb. 9, two panels will be held at the Lewis & Clark Public Library in Helena.

The first, from 9 a.m. until noon, will feature book designers discussing the art of constructing, designing and printing books. Participants are Peter Koch, Berkeley, CA; Stephanie Newman, Bozeman; Ann Garner, Bozeman, and DD Dowden, Helena.

At 1 p.m., Ivan Doig will talk about and read from his works. Author of *This House of Sky* and the trilogy *English Creek*, *Dancing at the Rascal Fair* and *Ride With Me*, Mariah Montana, Doig will receive the Governor's Award for the Arts in Literature on Feb. 7.

From 2-5 p.m., a panel of Montana writers will discuss and read from their works. Participants include: Linda Peavey, Bozeman; Matt Pavelich, Portland, OR; David Long, Kalispell; Ursula Smith, Bozeman; Greg Keeler, Bozeman; Linda Sexson, Bozeman, and Barry Ferst, Helena.

(continued on page 5)



Gov. Stan Stephens told delegates to the Governor's Conference on January 7 that libraries in Montana face a seriously constrained state budget. Seated near the governor are, from left to right: Mary Doggett, State Library Commission chair; Lois Fitzpatrick, conference local arrangements chair; Lucile Alt, conference parliamentarian; Gov. Stephens; Marilyn Miller, senior policy advisor to the governor, and Don Ramage, aide to the governor.

Hard Work Dominates Governor's Conference

Intense debate, working group meetings and resolution drafting dominated the second Montana Governor's Conference on Library and Information Services, held January 6-8 in Helena.

Approximately 120 people (including 59 delegates) attended the three-day conference at the Park Plaza Hotel.

When it was over, 43 resolutions concerning censorship and intellectual freedom, library automation, resource sharing and collection development, among others, were drafted and will be sent to the four Montana delegates to the White

House Conference on Library and Information Services set for July 9-13, 1991, in Washington, D.C. Each resolution related to the national themes of democracy, literacy and productivity.

"The delegates all came well prepared and ready to work, and they definitely followed through," said Judy Meadows, conference co-director and presiding official. "I think because of that degree of commitment during the conference, they will probably insure that the resolutions will be carried forward."

Conference speakers included Gov. Stan Stephens; Bob Berring, law professor and law librarian,

(continued on page 2)

Governor's Conference (continued from page 1)

University of California, Berkeley; Margaret Warden, former state senator and former member of the National Commission on Libraries and Information Science; U.S. Rep. Pat Williams, and Karen Everett, director of admissions, Eastern Montana College, former member of the State Library Commission and a 1978 White House Conference delegate.

Ballots electing the four delegates from Montana to this summer's White House Conference will be opened later this month and the results published in the February issue of the *Montana State Library News Update*.

'Convert' to Libraries Emerges at Conference

In a letter to State Librarian Richard Miller, Jerry L. Christison, a government-sector delegate to the Governor's Conference, had this to say about his experience:

"Thank you for the opportunity to be a delegate to the Governor's Conference on Libraries. I enjoyed the experience and the fellowship of these very committed people. I would like for you to use your newsletter to let all the librarians and their supporters know my first impressions were wrong. I now realize the extent of their commitment to service has not been marketed by them or other organizations in their communities.

"I see libraries as a very dedicated community service--so dedicated to service that they have forgotten to let people know what they do. Libraries need a good Public Relations and Marketing service to let everyone know what they have and their willingness to serve in every area.

"I have truly become an advocate of libraries in the State of Montana."



Contributions Sought For Damaged School Complex

An elementary school librarian who grew up in Plentywood is spearheading an effort to replace items destroyed when a fire swept through the Plentywood elementary and high school complex Dec. 19.

Shirley Lund, librarian at Highland Park Elementary in Miles City, said in a letter to librarians that any contributions--books, record players, cassette recorders, computers, etc.--would help make a difference.

Lund suggests donations be sent to Plentywood School, 100 E. Laurel Ave., Plentywood, 59254.

State Library Budget Hearing Scheduled

February 12 is the first hearing date scheduled for the State Library's budget for the next biennium. Included in the budget request is \$566,000 for interlibrary loan reimbursement and base grants for federation support which the governor approved under H.B. 193 in the 1989 legislative session.

The hearing will take place in the State Library's conference room, 1515 E. 6th Ave., Helena.

Debbie Schlesinger, MLA's legislative chair, Richard Miller, state librarian and Gloria Hermanson, the Cultural Advocacy's lobbyist, are determining the best approach for seeking the remaining funding for the other parts of the legislation approved in 1989--per-capita and per-square-mile state aide, a statewide library card and State Library administrative costs.

The governor's budget office is supporting the State Library's request for an additional clerical FTE in the Library for the Blind and Physically Handicapped.

There are also bills being drafted dealing with exemption of the State Librarian position from the state classification system and a permanent paper act which would see certain types of state documents printed on acid-free paper.



'Bear' Facts Wins As Summer Reading Theme

Librarians have selected "Get the 'Bear' Facts--Read!" as the theme for Montana's first statewide Summer Reading Program (SRP).

The grizzly bear shown above will be the mascot. Created by Helena graphic designer Amy Glasscock, it appeared on the State Library's 1990 Children's Book Week bookmark (which also doubled as a 1991 Young Reader's Choice Award ballot). (Note: A bear-naming contest could be one SRP activity.)

The State Library, with help from the SRP Committee, will produce a manual this spring with camera-ready art and activity/craft suggestions for the 1991 program. There will be no charge for the manual, and participation in the SRP is strictly voluntary.

If you have ideas for, or want more information on the SRP, contact Cathy Siegner at 444-5353.

Librarians Sought For Foreign Service Program

Applications are being accepted through April 15 for the 1991/92 Library/Book Fellows Program, a joint program of the American Library Association and the U.S. Information Agency.

Positions are available in South America, Africa, Europe and Asia and range from three months to one year. Stipends are \$28,000 annually.

For more information, contact Robert P. Doyle at the ALA, 50 E. Huron St., Chicago, IL, 60611, 1-800-545-2433, ext. 3200.

EXHIBIT 3
DATE 2-12-91
HB Instit Subcomm

MONTANA NATURAL RESOURCE INFORMATION SYSTEM



including three separate projects:

Natural Heritage Program

Water Information System

Geographic Information System

Briefing for

Montana State Legislature
Appropriations-Finance and Claims
Institutions and Cultural Education Joint Subcommittee
William "Red" Menahan, Chairman

February 12, 1991

In 1985, the Montana Legislature created the Natural Resource Information System (NRIS) "... *to provide a ready, accessible means of finding information on Montana's natural resources.*"

After six years of development and operation, the NRIS program has achieved great success serving business and industry, government agencies, and private citizens.

- NRIS operates a data clearinghouse and referral service to link users with the best sources of information.
- NRIS coordinates among agencies and organizations that collect, manage, or use the same types of natural resource information to prevent duplication of effort and promote information sharing.
- NRIS provides assistance in systems design and in developing standards for the collection of new data to ensure quality and compatibility.

The **Montana State Library** is the home for this program for two reasons:

- 1) this agency's primary function is to provide information to those who need it; and
- 2) the Library remains neutral -- its role is to maintain and distribute information without judging it.

The Natural Resource Information System (NRIS) is a central access point to existing data collected by public and private agencies. The data remain at the respective agencies, and NRIS maintains an indexing system to improve access, especially to unpublished sources and electronic databases not indexed elsewhere.

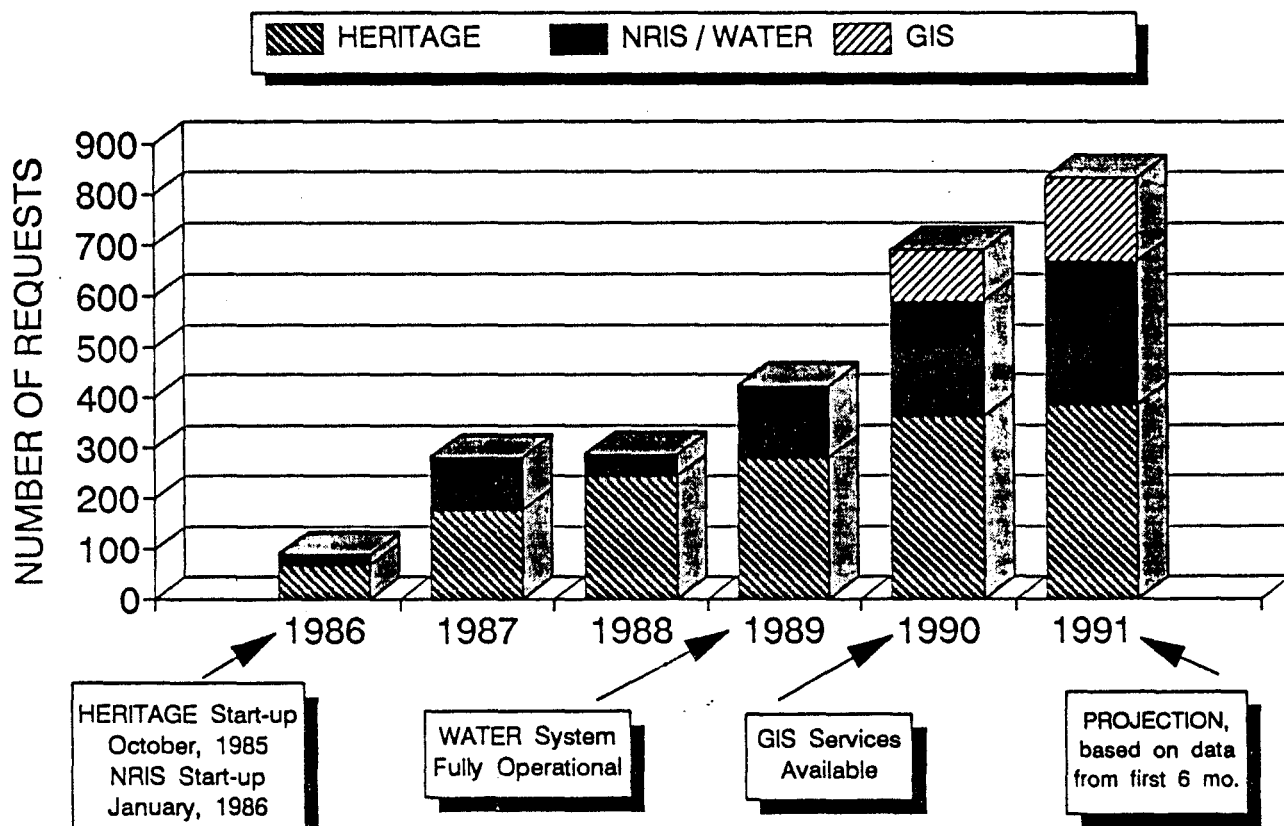
NRIS activities are organized into three main projects:

Montana Natural Heritage Program is a computer-assisted inventory of Montana's biological resources, emphasizing the locations of rare or endangered plant and animal species and biological communities. These data are used extensively for land-use planning and resource management.

Montana Water Information System is the starting point for locating water resources information in Montana, such as data on surface water, groundwater, water quality, riparian areas, water rights, climate data and more.

Montana Geographic Information System provides digital mapping and analytical services as well as technical assistance to agencies developing in-house GIS capability. NRIS inventories data available for GIS applications and coordinates GIS data standards and sharing throughout the state.

NATURAL RESOURCE INFORMATION SYSTEM DATA REQUESTS BY FISCAL YEAR



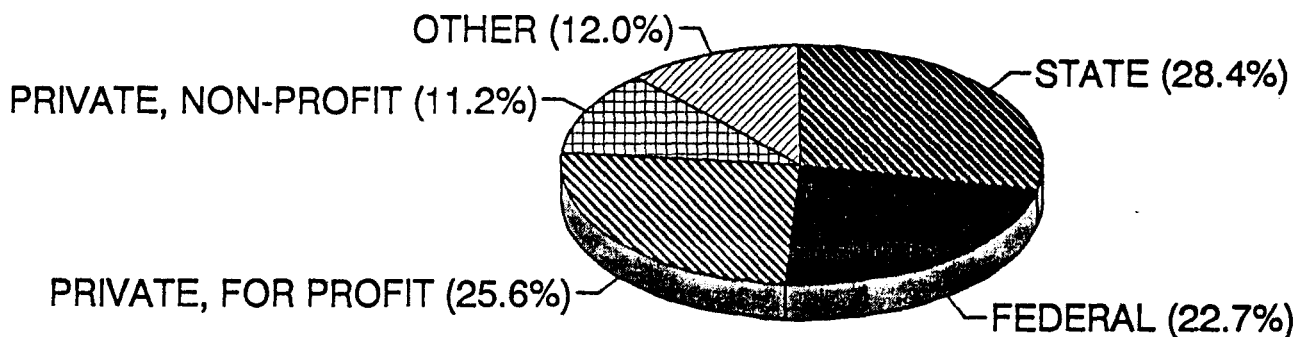
Improved access to information has expedited permit processes and facilitated planning and resource development. Developers, planners, and other decision-makers are learning about the possible biological/resource impacts of projects while in the planning stage -- before significant commitments have been made.

The NRIS Program provides an alternative to confrontation between development and conservation interests, helping business, industry, and government agencies prevent potential delays, litigation, or expense.

NATURAL RESOURCE INFORMATION SYSTEM USERS BY SECTOR

NATURAL HERITAGE PROGRAM, WATER INFORMATION SYSTEM
GEOGRAPHIC INFORMATION SYSTEM

TOTAL REQUESTS: 2126



PERIOD OF RECORD: 10/01/85 THROUGH 12/31/90

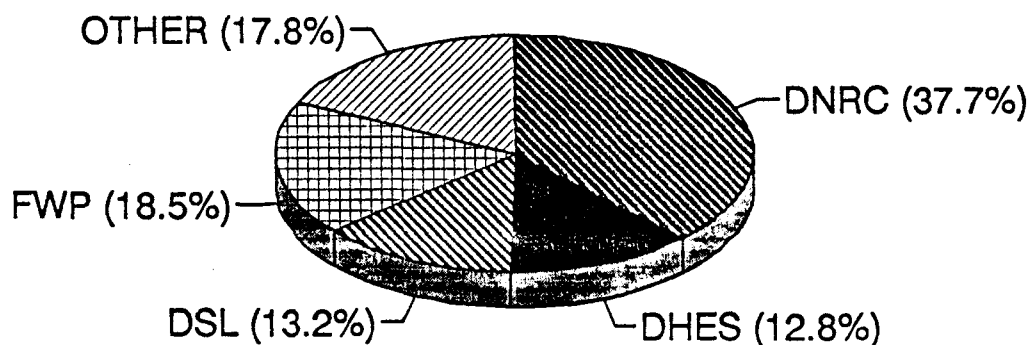
Typical Data Requests

- A consulting firm, on behalf of a state agency, was preparing a biological assessment of the effects of widening and improving a stretch of highway in Montana. The Heritage Program provided detailed information on 47 sensitive species populations within a one-mile corridor of the highway.
- A city/county planning office was evaluating a site for future industrial use. NRIS conducted a broad search and provided data from several state and federal agencies: climate data; groundwater and surface water stations; water rights, water level, and aquifer data; wildlife information; and a list of studies pertinent to the area.
- A federal agency asked NRIS to input watershed unit boundaries, geologic, drainage pattern, elevation, habitat, and precipitation data into the GIS to assist in developing a model for land classification projects. The automated procedures provides a method to examine classification schemes that were not feasible to study using manual techniques.

NATURAL RESOURCE INFORMATION SYSTEM USERS BY STATE AGENCY

NATURAL HERITAGE PROGRAM, WATER INFORMATION SYSTEM
GEOGRAPHIC INFORMATION SYSTEM

TOTAL REQUESTS: 604



PERIOD OF RECORD: 10/01/85 THROUGH 12/31/90

Typical Data Requests

- A state agency requested biological information in the vicinity of a proposed large-scale mine site in central Montana. The Heritage Program provided a vertebrate species list, a list of plant species known to occur in the area, and detailed records of sensitive species locations.
- A state agency, working with a federal agency, needed data to determine the regional unit hydrograph characteristics for selected basins in Montana and evaluate designs for dam spillways. NRIS supplied hourly precipitation data from a CD-ROM product, and converted the data to a format suitable for a computer model constructed for the project.
- A state agency needed a map of mining activity sites and products information for Montana. NRIS imported these data from the agency and produced nine maps of the state depicting 35 different products at 5,088 mine activity sites. These digital data and maps are now available to other government agencies and the private sector.

Summary of Major Accomplishments
1990-91 Biennium

Montana Natural Heritage Program

- Continued database development and maintenance:
 - Element Tracking Database, contains taxonomic and status information on over 1,800 plant and animal species and plant communities in Montana
 - Element Occurrence Database, used to manage information on the individual location records (or, "element occurrences") of sensitive species throughout the state, grew by about 10% this biennium, and contains 2,936 records
 - Managed Areas Database, land ownership and management information
 - Source Abstract Database, bibliographic information with 2,991 records
 - Vertebrate Characterization Abstract: Range-wide and state-specific information on all Montana vertebrate species is tracked in this database (616 records)
 - Sensitive Species Lists, status reports on the highest-ranking plants and animals; annual updates widely distributed in April of each year
- Plant and animal species monitoring, in cooperation with state and federal agencies, conducted more than 30 botanical and zoological field surveys of rare species
- Continued support to the interagency wildlife and fisheries working groups at the request of MDFWP: helped develop a strategic plan for the watchable wildlife program; assisted in developing a state recovery plan for the Arctic grayling; initiating recovery plan for the federally Endangered pallid sturgeon
- Completed a cooperative Arctic grayling research project on the Big Hole River; coordinated a multi-agency raptor study at Kevin Rim, studying the impacts of oil and gas development on this high-density raptor nesting area; performed extensive surveys and stream assessments for the rare harlequin duck in western Montana
- Conducted extensive research on plant communities and developed a grassland classification for northeastern Montana

Montana Water Information System

- On-line access to the Montana Bureau of Mines and Geology (MBMG) Ground Water Information Center (GWIC) Database
- Increased expertise with all major sources of hydrologic and climatic data for Montana, streamlining access to critical data for statewide projects
- Support to the State/EPA Data Management project, on behalf of the Montana Department of Health and Environmental Sciences (DHES)
- On-line access with a PC Interface for STORET (the main database for water quality data), including a direct connection the state's mainframe
- Support to the Environmental Quality Council/Ground Water Task Force
- Support to the Montana State Water Plan Advisory Council; worked with the Drought Monitoring Technical Subcommittee

- Continued development of the Montana Rivers Information System, in cooperation with the Montana Department of Fish, Wildlife and Parks
 - Database refinement of FWP's Interagency Stream and Lake database
 - Conversion to EPA River Reach indexing system
 - Developed a User's Manual for the database
- Development of a PC Version of the NAWDEX Master Water Data Index (MWDI), receiving national recognition

Indexing Projects

- Continued enhancement of the Montana Natural Resource Index
 - Addition of the Abandoned Mines Reclamation, Hardrock and Coal collections, Department of State Lands
 - completion of a new software version of the reporting function
- Development of the *Montana Data Directory*, a database of automated data files maintained by state and federal agencies; wrote all software programs and published User's Manual

Geographic Information System (GIS)

- Statewide GIS Coordination Efforts:
 - Support to the 19-member, Montana Interagency GIS Interagency Technical Working Group; major goal to evaluate and establish a GIS data standards plan
 - Edit and publish the *Montana GIS Newsletter*; helped organize the annual Montana GIS Conference
 - Imported 13 new statewide digital data coverages; available for state projects
- Continued support to the Montana Department of Health and Environmental Sciences on the Clark Fork Superfund GIS Project:
 - Responded to more than 175 work requests from EPA, DHES, and their contractors as well as ARCO and their contractors; worked out agreements to exchange and transfer GIS data
 - Support to the Butte-Silver Bow County to develop GIS capability to plan and implement institutional controls related to Superfund activities; (Anaconda next)
- Continued GIS support to the DHES Water Quality Bureau re: non-point source pollution monitoring in Clark Fork Basin
- Initiated GIS project with the Department of State Lands re: monitoring hydrologic impacts of coal mining in the Powder River Basin and mine permitting
- In cooperation with the Department of Natural Resources, created two new statewide GIS coverages of small-scale hydro sites and wind gauging stations
- Plans to conduct a GIS pilot project with the Montana Department of Fish, Wildlife and Parks; also provided support to FWP on the interagency Granite Butte Elk Study
- Continued support to the U.S. Forest Service, Helena National Forest on a land classification model using GIS
- Provided technical assistance to the Legislative Council and the Apportionment Commission re: using GIS for the 1990 Re-districting process
- Developed a one-day course (with workbook) providing an overview of basic GIS capabilities, components, and requirements

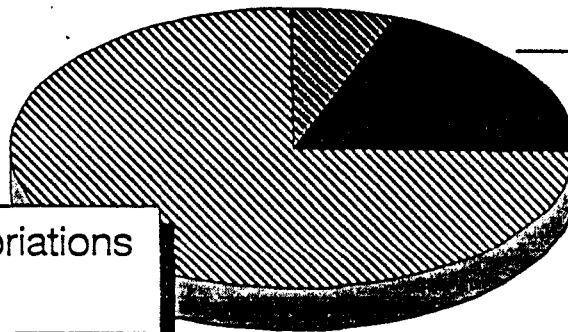
NRIS PROGRAM CORE FUNDING 1992/1993 BIENNIUM

Governor's Budget Office
Total: \$507,000

DSL / Office of Surface Mining
\$30,000

FWP Licence Fees
\$100,000

Direct RIT Appropriations
\$ 377,000



5115 LIBRARY COMMISSION
01 STATE LIBRARY OPERATIONS
00000

DATE : 01/08/91
TIME : 21/29/24
CURRENT LEVEL COMPARISONS

Budget Item	Actual Fiscal 1990	Executive Fiscal 1992	LFA Fiscal 1992	Difference Fiscal 1992	Executive Fiscal 1993	LFA Fiscal 1993	Difference Fiscal 1993
FTE	24.71	24.50	24.50	.00	24.50	24.50	.00
Personal Services	570,850	639,029	640,201	1,172-	638,153	639,325	1,172-
Operating Expenses	320,216	350,172	328,609	21,563	353,370	331,009	22,361
Equipment	130,151	105,552	113,641	8,089-	110,785	118,294	7,509-
Grants	546,590	1,013,315	512,000	501,315	1,010,386	502,000	508,386
Total Expend.	\$1,567,807	\$2,108,068	\$1,594,451	\$513,617	\$2,112,694	\$1,590,628	\$522,066
Fund Sources							
General Fund	569,230	935,085	636,451	298,634	942,640	642,628	300,012
State Revenue Fund	203,689	158,161	158,000	161	155,232	148,000	7,232
Federal Revenue Fund	794,888	1,014,822	800,000	214,822	1,014,822	800,000	214,822
Total Funds	\$1,567,807	\$2,108,068	\$1,594,451	\$513,617	\$2,112,694	\$1,590,628	\$522,066

2-10-91
Exhibit 4
EXHIBIT 4
DATE 2-12-91
HB Instit Subcom

STATE LIBRARY OPERATIONS	EXEC OVER (UNDER) LFA			ACTION TAKEN		
	FTE	FY92	FY93	FTE	FY92	FY93
CURRENT LEVEL DIFFERENCE BETWEEN LFA & EXEC						
*****PERSONAL SERVICES						
1. SALARIES & BENEFITS (NO ACTION REQUIRED)		(72)	(72)			
2. PER DIEM (GENERAL FUND) LFA current level includes per diem @ \$3,000 per year, the Exec budget recommends \$1900.		(1,100)	(1,100)			
TOTAL PERSONAL SERVICES DIFFERENCE		(1,172)	(1,172)			
*****OPERATIONS						
3. D OF A TELECOMMUNICATION FEES (GENERAL FUND) The State Library has been given special rates in the past and has been notified that these reduced rates will no longer be granted.		1,290	1,290			
4. CONTRACTS WITH NON PROFITS (GENERAL FUND) The LFA current level budget for these items is based upon actual FY90 expenditures, The State Library's position is that in FY90 it was necessary to hold down costs in these areas in order to use the funds to purchase necessary equipment to continue the library networking service. The FY91 budget upon which the Exec budget is based is reflective of the Exec FY92 & 93 recommendations. The LFA budget incorrectly substituted coal severance taxes for general funds in other areas of the budget. These funds can only be used for library networking and grants to state library federations.		14,073	14,073			
5. EDUCATION & TRAINING (GENERAL FUND) The State Library used funds budgeted for education during FY90 to purchase computer equipment. In FY91 these funds are again used for education & training which is the basis for the Exec request.		• 1,208	1,208			
6. TRAVEL (GENERAL FUND) According to the state library the FY90 actual expenditures for travel do not represent a normal travel year, whereas the FY91 travel budget for the agency is expected to exceed the level of actual FY90 budget.		2,742	2,378			
7. OTHER DIFFERENCES (NO ACTION REQUIRED) BASE & INFLATION AUDIT FEES D OF A DATA PROCESSING		(1,365) 613 3,002	(299) 613 3,098			
TOTAL OPERATING COSTS DIFFERENCE		21,563	22,361			

Ex 4 - 91
2/12/91
Instit Subcom

STATE LIBRARY OPERATIONS		EXEC OVER (UNDER) LFA		ACTION TAKEN	
*****EQUIPMENT					
8. OFFICE EQUIPMENT The LFA request is based upon a five year average. The Exec budget is based upon the fiscal year 1990 appropriation.		(4,000)	(4,000)		
9. LIBRARY BOOKS The LFA level is based upon inflation applied to the actual FY90 expenditures. The Exec level is based upon inflation applied to the FY91 appropriated level.		(4,089)	(4,089)		
TOTAL EQUIPMENT COSTS DIFFERENCE		(8,089)	(8,089)		
*****GRANTS					
10. The Exec budget includes \$283,000 each year for state aid to local libraries. These funds were appropriated to the State Library in the 1991 biennium by HB193. The LFA did not include these funds in the base.		283,000	283,000		
11. FEDERAL FUNDS AUTHORITY The State Library requests the Executive level for federal grants. Its justification for the additional federal authority is due to the fact that much of the federal appropriation is for construction of state libraries, funds are distributed only as construction reaches a certain level of completion. Therefore it is difficult to anticipate federal grant requirements.		215,000	215,000		
*****FUNDING ISSUES					
12. FEDERAL FUND LIMITATIONS The LFA Budget uses \$374,000 of federal funds for operations. The State Library says the maximum allowable for operations is 371,584 per year. If the Exec level of federal funds for operations is adopted it would require an additional \$2,400 per year. of general fund.		2,400	2,400		
EXECUTIVE BUDGET MODIFICATION REQUEST BLIND & PHYSICALLY HANDICAPPED Write up on page D-40 of the LFA budget book.		FTE	FY92	FY93	FTE
		1.0	22,674	19,451	

W. J. 2-14-91

STATE LIBRARY OPERATIONS

ISSUES OF THE STATE LIBRARY COMMISSION

1) SALARY RECLASSIFICATIONS

In September of FY90 two positions were reclassified due to changes in duties and responsibilities due to the computerization of the library for the blind and physically handicapped. These upgrades were not included when the budgets were being developed.

2) INCREASE PART TIME SECRETARY TO FULL TIME (grade 7, step 2)

Due to the inception of the NRIS program there has been an increase in the workload of the administration staff. The agency has not been able to fill this position as a half time position.

3) LIBRARY BOOKS

The state Library Commission requests that the budget for book acquisition be raised by \$35,450 in FY92 and \$50,725 in FY93. It is their position that that this request is just for maintenance of the existing collections only and is based upon inflation factors for periodicals, standing orders and general book purchases.

4) ADDITIONAL LIBRARY CLERK II

MCA 22-1-212 to 218 creates a state publications distribution center in the Montana State Library. The purpose of which is to make all information released by state government available to all citizens of Montana. Recently public libraries have been withdrawing as depositories mainly due to the lack of assistance, guidance, and direction available to them.

5) COMMISSION TRAVEL

The State Library Commission has initiated a request for additional \$2,000 per year for travel costs associated with Commission business.

ACTION TAKEN

EXEC OVER (UNDER) LFA

FTE	FY92	FY93	FTE	FY92	FY93
	5,846	5,846			
0.5	7,962	7,962			
	35,450	50,725			
1.0	22,003	19,534			
	2,000	2,000			

NOTES:

Exhibit 5
 (EXHIBIT 2-9-1)
 DATE 2-12-91
 HB Instit Subcom

W/ 2-9-1
 2-11-91

DATE : 01/08/91
 TIME : 21/29/24
 CURRENT LEVEL COMPARISONS

5115 LIBRARY COMMISSION
 07 NATURAL RESOURCE INFO SERVICES
 00000

Budget Item	Actual Fiscal 1990	Executive Fiscal 1992	LFA Fiscal 1992	Difference Fiscal 1992	Executive Fiscal 1993	LFA Fiscal 1993	Difference Fiscal 1993
FTE	4.05	4.00	4.00	.00	4.00	4.00	.00
Personal Services	101,539	109,355	109,355	0	109,444	109,444	0
Operating Expenses	149,280	139,145	141,533	2,388-	139,056	141,389	2,333-
Equipment	34,052	5,000	5,000	0	5,000	5,000	0
Debt Service	59,576	0	0	0	0	0	0
Total Expend.	\$344,447	\$253,500	\$255,888	\$2,388-	\$253,500	\$255,833	\$2,333-
<u>Fund Sources</u>							
State Revenue Fund	292,436	238,500	240,888	2,388-	238,500	240,833	2,333-
Federal Revenue Fund	52,011	15,000	15,000	0	15,000	15,000	0
Total Funds	\$344,447	\$253,500	\$255,888	\$2,388-	\$253,500	\$255,833	\$2,333-

STATE LIBRARY NATURAL RESOURCE INFORMATION SYSTEM

EXEC OVER (UNDER) LFA

ACTION TAKEN

ISSUE: See writeup on page D-42 of the LFA Budget Analysis book.

FUNDING

STATE SPECIAL REVENUE
 Revenues from contracts
 Fish, Wildlife & Parks
 Resource Indemnity Trust Funds
 FEDERAL REVENUE
 Office of Surface Mining

(240,888) (240,833)
 50,000 50,000
 188,500 188,500

 (2,388) (2,333)

2-12-91
 (420)

**HOUSE OF REPRESENTATIVES
VISITOR REGISTER**

Institutions & Cultural Ed. SUBCOMMITTEE

DATE 2/12/91

DEPARTMENT (S) _____

DIVISION _____

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