

Montana State Library Digital Library Work Plan October 2018

Green (no font distinction) – activity progressing as expected.

Yellow (*italicized*) – activity may be delayed but the delays do not necessarily rise to the level of Commission concern

Red (**bolded**) – activity is delayed and Commission attention is warranted

Blue (underlined) – addition or change to the original work plan.

Strategic Framework – Foster Partnerships

Activities:

- Implement a Digital Depository Library model for Montana State Publications

Inputs	Outputs	Outcomes	Impacts
<p>Staff time to update existing policy and create new Administrative Rules related to the State Depository Library Program.</p> <p>Stakeholder input to ensure the management plan and administrative rules provide a workable framework for our partners.</p>	<p>Updated Montana State Publications Management Plan that clearly outlines how the state will Identify, Acquire, Catalog, Preserve, and Provide Public Access to Montana State Publications.</p> <p>Administrative Rules that clearly defines the role of MSL, Montana State Agencies, and Depository Libraries.</p>	<p>A set of tools (in the Management Plan and Administrative Rules) that have been developed specifically for a digital depository library that produce a more streamlined and manageable depository library program.</p> <p>Appropriate tools, training, and other resources are available to any library in Montana that wished to participate in the State Publications Depository Library Program</p>	<p>Citizens across the state have more awareness of, and access to Montana State Publications either directly through MSL or through more familiar local library resources.</p> <p>Unprecedented increases in the level of circulation of Montana State Publications.</p> <p>A resource that agencies will want to partner in, and decision makers will be eager to support.</p>

- Assume stewardship of the MSDI Elevation Dataset as a core component of the Water Information System.

Inputs	Outputs	Outcomes	Impacts
<p>Staff time and other resources from the Natural Resource Information System, Water Information System, and Montana Land Information Act as well as funding support from partner agencies including the Montana DNRC and USDA NRCS</p> <p>Staff time to participate in the NSGIC sponsored 3DEP for the Nation Initiative</p> <p>Stakeholder partnership in the development of a plan sharing of existing elevation data and acquisition of new high resolution (LIDAR) elevation data.</p>	<p>An MSDI Elevation Theme Plan that outlines a strategy for acquiring high resolution elevation data for the State of Montana</p> <p>An elevation data clearinghouse managed by the State Library that contains or provides access to all existing high-resolution elevation data for the state and procedures for partners to contribute elevation data from future collection efforts to the clearinghouse.</p> <p>Regular, ongoing stakeholder meetings through the Montana Elevation Working Group</p>	<p>Future elevation data collection initiative in Montanan are informed of available funding sources and any funding used is leveraged to its maximum ability to ensure that data collection happens as quickly as possible and the highest quality data needed is acquired for the best possible price.</p> <p>Stakeholders will recognize the Montana State Library as the source for the best available statewide elevation data for Montana.</p> <p>Elevation data is planned for and maintained as a MSDI Framework Theme which will allow it to become a foundational dataset for the maintenance of other MSDI Hydrography datasets (Hydrography, Watershed Boundaries, Wetlands, and Land Cover among others)</p>	<p>Elevation and Hydrography data are viewed as, managed as, and supported as integral to one another.</p> <p>High Resolution Elevation data will allow for improvements to the MSDI Hydrography Dataset that result in more widespread use and support of this theme by other state agencies, allowing them to focus their efforts on their more specific hydrography related business needs.</p> <p>Automated feature extraction will reduce staff time required to Maintain the base features of the Hydrography dataset freeing up resources for implementing the vision of a true Water Information System.</p>

- Develop a plan for structured outreach activities across the Digital Library that guides the activities of the GIS Coordinator, the Outreach and Electronic Resources Librarian, the Montana Natural Heritage Program Coordinator, and the Digital Library Administrator.

Inputs	Outputs	Outcomes	Impacts
Staff time to develop a plan that coordinates and prioritizes outreach activities and leverages the efforts of the ongoing public awareness campaign and our growing use of Social Media to help us better engage with partners and other stakeholders.	A plan that targets key outreach opportunities and identifies the optimal staff and messaging to maximize from those opportunities.	Digital Library programs are more coordinated in their outreach effort and more deliberate in making decisions on which events to attend, activities to offer, and trainings to host. Materials and messaging is available for opportunities that arise during the year without major additional investment.	Coordinated, deliberate outreach should allow us to maximize engagement possible given existing staffing and budgetary constraints. Increased use of Digital Library products and services and recognition that these are resources made available by the Montana State Library.

- Make the **Natural Resource Information System Advisory Committee** active again and update the NRIS Core Funding MOU.

Inputs	Outputs	Outcomes	Impacts
Meet with existing and potential Core Funding Agency leadership to identify appropriate Committee Membership.	Identify a funding model that can be taken to the Governor's Office with broad support from state agencies.	A more equitable funding model for agencies that provides sufficient resources to support all aspects of the Digital Library including State Publications and Talking Books as well as NRIS, WIS, and MTNHP	Agency leadership better understands the role of MSL and recognizes the value MSL programs and services provide to their agencies resulting in ongoing funding support in the Executive Branch.

Strategic Framework – Create a useful information infrastructure

Activities:

- Coordinate [NG911](#) GIS Data Planning

Inputs	Outputs	Outcomes	Impacts
<p>Ongoing staff time to oversee the completion of the statewide NG 911 GIS Data Assessment contract initiated in the Spring of 2018.</p> <p>Participation in the NG911 Advisory Council and input in the development of the Statewide NG911 Plan to ensure GIS needs are adequately planned for</p>	<p>County by county reports on the readiness of GIS data for NG911.</p> <p>A Statewide NG911 Plan that considers and provides resources for the improvement and development of necessary GIS datasets.</p>	<p>Executive and Legislative support for the implementation of the Statewide NG911 Plan (likely not before the 2021 Legislative session)</p> <p>Non-sensitive GIS datasets developed and maintained for NG911 are shared with MSL to ensure they are publicly accessible</p>	<p>The role of GIS in implementing and managing NG911 is recognized during the planning process and MSL expertise in Addressing, Structures, Transportation, and Boundaries data as well as general statewide GIS dataset development is leveraged to ensure that the state makes the transition to NG911 as efficiently as possible.</p>

- Talking Book Analog to Digital Conversion

Inputs	Outputs	Outcomes	Impacts
<p>Ongoing staff time to oversee the completion of the Talking Book Analog to Digital Conversion Contract.</p>	<p>Remaining analog Talking Books will be converted to digital format and will be available on digital cartridges as well as through BARD.</p>	<p>Patrons no longer need access to deprecated analog cassette players to access titles that were previously available only for those devices. MSL can return remaining cassettes an cassette players to NLS</p>	<p>Having a fully digital collection will allow MSL to consider more efficient models for managing the Talking Book collection that may allow more patrons to receive better service at a lower cost. This is critical if we hope to grow our patron base with a limited budget.</p>

- Update the Montana Cadastral Application

Inputs	Outputs	Outcomes	Impacts
<p>Info Products, Land Info, and IT Staff time</p> <p>Input from the Department of Revenue and users</p>	<p>A more robust cadastral application that we can maintain with existing, in house staff and update as needed without a full re-write</p>	<p>A reduction in the number of recurring complaints and bug reports</p> <p>An increased ability to be responsive to user suggestions for improving the application</p>	<p>As one of the most used applications in Montana state government, the cadastral application is a natural opportunity for us to reach out to and engage users. The first step in doing this is ensuring that the application itself is well designed and reliable.</p>

Upcoming projects or potential projects:

- Data Model and Standards Development for [MSDI themes](#)
 - Necessary, but long-term project. Should identify 1-2 themes to focus on in the current fiscal year.
 - We will seek guidance from MLIAC on how to proceed with this work.
 - October 2018 – This will be addressed in the upcoming FY2020 [Montana Land Information Plan](#)
- [GPS Base Station Network](#)
 - MSL participated in a planning meeting with the MDT director and several members of the Surveying community.
 - The GIS Coordinator is developing a business plan for this project.
- Collection Development Policy
 - Addition of the Talking Book collection development policy and updates to reflect the removal of the reading room, reductions to our print collection and expansion of our digital collection.