# Montana Geospatial Strategic Vision

Location based data is collected, maintained, distributed and used to improve the human and environmental condition to the extent that it becomes ubiquitous in public and private business processes.

## Implementation – State Fiscal Years 2015/2016

Successful vision moves forward only if it is shared by stakeholders and implemented through hard work. The Montana State Library and members of the GIS Community have participated in developing and refining the vision and specific tasks for FY 2015 that will help achieve the vision. Members of the GIS Community who have indicated support for this vision are the Montana State Library (MSL), Montana Land Information Advisory Council (MLIAC), the Montana Association of Geographic Information Professionals (MAGIP) and the State GIS Community of Interest **(COI)** (a workgroup of the State Information Technology Managers Advisory Council).

In FY 15, supporters have agreed to focus on four areas where concerted effort could potentially sustain and grow the vision. Those areas are financial support for the Montana Spatial Data Infrastructure (MSDI), cooperative data stewardship, broad and encompassing geographic literacy and better integration of location based data into public policy. Each focus area has tasks and measures for success.

Because of their statutory role of GIS coordination along with their stewardship of many MSDI themes, MSL will be required to take the lead on many tasks. However, that coordination and stewardship can't be accomplished in a vacuum. To that end the activities of those supporting this geospatial strategic vision have been identified where appropriate. The methodologies used to accomplish the FY 15 deliverables may be elaborated upon in more detail in the MSL, MSDI and MAGIP FY 15 work plans.

**State Fiscal Year 2015 – Focus Areas Tasks and Deliverables.**
1. Evaluate appropriate MSDI Funding

a. Broaden the MSDI funding base – MSL, MLIAC, MSDI Stewards

i. Through a formal investigation and report, identify existing state, local, federal, tribal and private investments in MSDI. The report will identify gaps between current investments and MSDI needs as identified in MSDI work plans. It will also identify opportunities to supplement MLIA base funding.

2. Cooperative Data Stewardship – MSL, MSDI Stewards and Leads, MSDI Data Sharing Partners a. A MSDI data sharing agreement will be developed with the intent of institutionalizing a formal process that recognizes the contributions and needs of MSDI partners - MSL, MSDI Stewards and Leads, MSDI Data Sharing Partners

3. Broad and Encompassing Geographic Literacy – MSL, MAGIP, State GIS **COI  (Note:Kept this same list order of participants throughout document)**

a. Opportunities for professional development are available to GIS professionals.

i. **Organizations in the state coordinate, develop, and provide resources for**, professional training opportunities at regular intervals, investing **in** the development of the GIS Community – **MSL,** MAGIP, State GIS COI

ii. The GIS Community will work to coordinate these professional development offerings to avoid duplication and maximize resources – **MSL,** MAGIP, State GIS COI

b. The GIS Community engages organizations like **the Montana Association of Counties** (MACO), **League of Cities and Towns (LGIT),** and other stakeholders to put geographic information in the hands of Montana citizens. i. MSL will set up quarterly meetings with MACO.

c. Broaden opportunities content revision of spatial data.

i. Working with their data partners MSL will test feature services that can transfer data from one source to another in automated fashion.

ii. **(**Establish an application that would allow crowd sourced correction of address data**.) This statement seems a bit too task specific for this Strategic Vision.  Perhaps replace with "Establish applications that leverage crowd-sourced content and other emerging technologies to assist with spatial data validation and updates."**

4. Policy a. Geographic information is readily available to the 2015 Legislature - **MSL, MLIAC, MAGIP, State GIS COI.**

i. The annual MLIA report will document the GIS Community successes and needs. MSL will incorporate work plans and needs of the GIS Community into this biennial report.

ii. MSL will work with agencies to produce the biannual legislative snapshot with appropriate thematic maps by legislative district.

b. GIS is an information technology strategy for the State of Montana.

i. Work with the State CIO to promote the incorporation of GIS into systems in support of programmatic goals.

ii. Incorporate GIS into the state's data portal initiative to compliment analytical reporting with geographic information.

iii. With the support of the CIO maintain an enterprise platform and architecture that hosts GIS software, data and services both on premise and in the cloud. - CIO

iv. SITSD, in cooperation with MSL will have in place an enterprise agreement for Esri tools and services. This agreement will provide policy makers access to GIS tools through ArcGIS online and Esri Maps for Office. – CIO, MSL, State GIS COI

v. The GIS community will expand state and local map galleries and include maps and applications that policy makers can use to make decisions. – GIS community