



## **Geographic Information Services Report July through September 2014**

Prepared for the October 8, 2014 Commission meeting  
by Stu Kirkpatrick, State GIS Coordinator

This report represents the accomplishments of the following staff:  
Kirkpatrick, Daumiller, Lund, Papineau, E. Fashoway, M. Fashoway, Holliday, Blount,  
Blandford, and Daurio

In accordance with the FY15 work plan the Geographic Information Program is focusing primary attention on land and water information. In August the program formed a Land Information Team led by the State GIS Coordinator and a Water Information Team led by the Water Information System Manager.

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

The Land Information Team has completed workflow documentation for migrating data into the Esri Parcel Fabric as well as adjusting the tax parcel and public lands data to the most recent PLSS. On July 1 we released the first vintage of the PLSS known as CadNSDI Montana-

[http://apps.msl.mt.gov/Geographic\\_Information/Applications/cadnsdi/](http://apps.msl.mt.gov/Geographic_Information/Applications/cadnsdi/) .

We released the annual series of private and public land ownership maps

[http://apps.msl.mt.gov/Geographic\\_Information/Maps/Land\\_Ownership/Default.aspx](http://apps.msl.mt.gov/Geographic_Information/Maps/Land_Ownership/Default.aspx) .

We assumed the public land map task from the MT. Heritage Program. As part of that project the cartographic design of the public land ownership maps was redone and we are very pleased with the visual impact of the product.

The Water Information team has trained or retrained staff and we presently have four staff working on a backlog of edits to the Montana Hydrography dataset. We have also been working with our agency partners and will be pursuing small contractual projects to improve access and data holdings in the Yellowstone River Corridor Resource Clearinghouse

[http://geoinfo.msl.mt.gov/Home/data/yellowstone\\_river\\_corridor\\_resource\\_clearinghouse.aspx](http://geoinfo.msl.mt.gov/Home/data/yellowstone_river_corridor_resource_clearinghouse.aspx) .

We will also be developing a similar home for existing and future channel migration zone reports and data as well as working with the Department of Natural Resources and Conservation to finish an evapotranspiration project. All these projects are consistent with the goal of acquiring and managing relevant data.

**Goal Four - Consultation and Leadership** - MSL provides consultation and leadership to enable its patrons and partners to reach their goals.

We have also met with the USGS regarding our role as the Montana steward of the National Hydrography Database. For the past two years USGS has eliminated partnership funding and we met with and informed USGS that funding needs to be restored for FY16 in order for us to remain effective in that role.

Our primary concern this reporting period centered on state support for a statewide master address database, especially as it relates to public safety. We met with the Department of Administration twice and have been promised an appointment to the State 9-1-1 advisory Council. GIS will drive Next Generation 9-1-1 <http://urgentcomm.com/ng-911/gis-will-become-hero-911-says-apco-panelist> and we feel that in our role of consultation and leadership it is important that we bring that message to the table. As a start, staff attended DOA led meeting with Sheriffs and Peace Officers in Kalispell and made them aware of GIS requirements that will need to be met in order to implement Next Generation 9-1-1.

Jennie Stapp, Evan Hammer and Stu Kirkpatrick attended the National States Geographic Information Council meeting in South Carolina and a summarized report will be compiled for the December Commission Report.