Missouri Spatial Data Information Service
1st Bi-Annual Period Report
August 2013 – January, 2014

Build or implement a survey to identify gaps in the statewide data inventory.

Strategy: Watch the development of the NSGIC initiative to build a national data survey / needs assessment. Once developed, implement within the Missouri Clearinghouse.
MEASURE: Completion of NSGIC survey tool and implementation on the MSDIS. MSDIS with MGISAC participation. Participation of personnel from MSDIS. Possible NSGIC national model development.

Current *Status*: Active

1st Period 2013 comments –
A number of positive developments are leading to increased data sharing at both the local\regional and public levels. Court cases, disaster events, local consortium efforts and certainly the Broadband "Structures" project are sponsoring data sharing on a seemingly larger and more comprehensive scale. This is a general impression but the underlying attitude to sharing data seems to have distinctly warmed to the idea at all levels. The geoportal continues to sort and organize existing files and we have an increasingly better idea not just of the data we post but what needs updating.
Jason Hinsen (MSDIS Imagery) recently used a file comparison application to compare LiDAR data holdings at MSDIS with those at Washington U. – gaps were identified and agreements made to exchange portable hard drives to bring both locations on par. Liz Cook (USDA) has provided a new LiDAR status graphic which has been posted to the web site.

2nd Period August, 2013 – January, 2014 comments –
We're still experiencing some difficulty with ensuring that the LiDAR data being served is in sync with both the currently available status graphic and on both the MSDIS and Wash U. sites. It is not as problematic as it once was but the issue still occurs. We'll continue to try to address the problem and improve the data hand offs - but we may have to "make do" with a system that has so many people involved – all of whom work to provide LiDAR data to the users at no cost and that effort is not in many of their job descriptions.

Continue to develop an Internet mapping interface for MSDIS holdings.

Strategy: Increase utility of MSDIS Web site by continuing to developing the internet mapping user interface for interaction with the data elements compiled in MSDIS. This includes the development of new maps, evolution of mapping interface, maintenance, update, and upgrades to the Mapper.
MEASURE: Continued evolution of the design and map services available on MSDIS-maps and MCDC-maps web site. MSDIS with MGISAC participation in review
Participation of personnel from MSDIS.

Current *Status*: Ongoing

1st Period 2013 comments – Several services have been renewed or issues have been identified (2012 NAIP scaling on one of the servers) and are being worked on. After presenting the MSDIS Geoportal and receiving comments on functionality a number of changes were made to the user interface, directions\help and the functionality of the "clip and ship" page (most recent data sets available on MSDIS). Comments since have been very positive – time will tell if usage increases significantly.

2nd Period August, 2013 – January, 2014 comments –
During this period the 2012 NAIP Imagery was added to the portal and staff are working on including the last leaf off state project (the 2007-2009 2' imagery). This last project will take significantly longer because there are 4973 files whose metadata needs to be modified prior to geoportal inclusion. So far 799 files have been configured. All the files will be modified – then loaded all at once – so that users won't go into the portal and find an incomplete listing of the statewide 2'

imagery. The last period's issues with the imagery services seem to have been largely overcome – with only one documented issue in the past 6 months.

Develop and deploy a search interface for MSDIS holdings.

Strategy: Increase utility of MSDIS Web site for data discovery and query by thematically grouping data holdings.
MEASURE: Redesign of MSDIS Web site and development of milestones. This schedule will be developed jointly by MSDIS and MGISAC. MSDIS with MGISAC participation in review
Participation of personnel from MSDIS.

Current *Status*:

1st Period 2013 comments – Files in the Portal now stand at 377 – but numerous duplicates have been removed so there has actually been some considerable progress made in additions. We are working with the much older files now – many of which have incomplete or missing metadata elements that the Portal will not accept – each file takes more time to load because of this issue.
The "Clip and Ship" tool has the most recent files in each category and should be your first check\search for data.

2nd Period August, 2013 – January, 2014 comments –
Portal files are at 512 with the inclusion of the 2012 NAIP Imagery. The 2007-2009 State 2' imagery files are being configured for Portal\GIS Inventory\Data.gov inclusion which should increase the Portal holdings by another nearly 5000 files. Missouri has contributed 604 records to the GIS Inventory\Data.Gov via harvest – most of these files were harvested via MSDIS.

Duplicate existing coverage files as geodatabases for all MSDIS holdings.

Strategy: Migrate the entire MSDIS Clearinghouse to the geodatabase format and host both for a period of time. MSDIS will proactively evolve with changes in the software arena and make the site more usable to new start-ups
MEASURE: Reformatting of MSDIS coverage holdings as zipped geodatabases.
Requires participation of personnel from MSDIS.

Current *Status*: ***Ongoing***.

1st Period 2013 comments –
File conversion continues as older files go into the Portal

2nd Period August, 2012 – January, 2013 comments –
File conversion continues as older files go into the Portal

To promote interoperability and standardization among core data layers being developed by the state and local government agencies and organizations.

Objectives

Development and endorsement of geospatial standards for database development and attribution.

Strategy: Review existing state, federal and international geospatial standards. Create or add new components, modify components, or adopt reviewed standards. Release drafts through MSDIS, MGISAC, and subcommittees for peer review and comment. Revise as appropriate and publish final standards within MAEA.

Disseminate geospatial related standards for active review process.

Current *Status*:   ***Ongoing***

1st Period 2013 comments –
There have been no new standards to disseminate – the state agencies led by OGI are currently working on standards but it is not clear just when those standards will be available for dissemination and review…

2nd Period August, 2013 – January, 2014 comments –
There have been no new standards to disseminate – the state agencies led by OGI are currently working on standards but it is not clear just when those standards will be available for dissemination and review…

Homeland Security

Develop and maintain the data and infrastructure necessary to support Homeland Security Emergency Response.

Strategy: Coordinate with OIT, Office of Homeland Security, and MSDIS on the development of the communication infrastructure necessary to support Homeland Security efforts. Develop an action plan for the development of the databases and geospatial layers necessary to support homeland security planning, mitigation, risk assessment, and other operations.
MEASURE: Completion of data development plans for identified data layers based on priorities set jointly by MGISAC, Office of Homeland Security, and OIT. Completion of secure access and password/firewall protected portal to homeland security data and related geospatial layers. Homeland Security; Participation of personnel from MSDIS on data development and QA/QC.

Current *Status*:   ***Ongoing***

2nd Period August, 2012 – January, 2013 comments –
The "Structures" data being created by the Broadband project has a secondary HS use. MoKAN, Northwest, Ozark Foothills, Kaysinger Basin RPC's have been digitized and completed 1st pass reviews in the past three months. State LiDAR projects data sharing continues through the MSDIS\Wash U. web interface\FTP – making LiDAR available to all.

1st Period 2013 comments –
Continues… The structures data and the GIS Inventory effort have significant Homeland Security aspects as do our efforts in outreach and education.

Other MSDIS quarterly activities that contribute to MGISAC Strategic Plan outcomes…

Outreach / Education / Training

Support the MGISAC to expand the visibility and understanding of the committee's work within Missouri.

1st Period 2013 comments –
Adv. LiDAR workshop at MARC Offices (West-Central Region) - 56 attendees. Regional Geospatial Workshop at St. Jo – Building Resilient Communities hosted by MoKAN\NW RPCs. Attendees (38).
2013 SEMO Symposium planning is moving forward with September 18th as the target date in Cape.
A potential target for future workshops are North-East region (late fall). O&E subcommittee conference calls will be scheduled to discuss and finalize events.

2nd Period August, 2013 – January, 2014 comments –

The Northeast regional workshop is in its planning stages – MSDIS will participate\present if asked. GRC\MSDIS will be presenting three times at the upcoming 2014 MAGIC Symposium. MSDIS is participating on the planning committee of the 2014 MAGIC Clearinghouse Summit to be held in Champagne, Illinois in late August. MSDIS (Mark) is chairing the 2015 MOGISCON Site Selection Committee.

Encourage use of GIS technology and geographic data resources across all levels of state government by providing practical support to new and established users.

List server Users

1st Period 2013 comments –

GIS Vendors @ 25
KCAIUG-Announce @ 304
KCAIUG-L @ 64
KCCCGG-L @ 13
LGOV-L @ 33
MAGIC_Public @ 455
MAGIC_Steering @ 32
MAGIC_Consortium @ 47
MAGIC_Executive @ 9
MGISAC @ 134
MGISDATADEV @11
MISSOURIMAPPERSASSOC-L @ 35
MMGUG-L @ 173
MOGIS ADVISORY COUNCIL-L @ 30
MSDIS-NEWS @ 214
PONYEXPRESSGUG @ 18
STCHGISUG-L @ 17
STLGIS-L @ 265
STLRIC-L @ 27

2nd Period August, 2013 – January, 2014 comments –

GIS Vendors @ 22
KCAIUG-Announce @ 298
KCAIUG-L @ 64
KCCCGG-L @ 12
LGOV-L @ 50
MAGIC_Public @ 445
MAGIC_Steering @ 32
MAGIC_Consortium @ 50
MAGIC_Executive @ 9
MGISAC @ 137
MGISDATADEV @11
MISSOURIMAPPERSASSOC-L @ 36
MMGUG-L @ 162
MOGIS ADVISORY COUNCIL-L @ 32
MSDIS-NEWS @ 208
PONYEXPRESSGUG @ 18
STCHGISUG-L @ 41
STLGIS-L @ 276
STLRIC-L @ 25

Conference / meeting Participation:

1st Period 2013 comments –
MSDIS staff members attended numerous meetings during this period on the following topics:

MGISAC Data Development Committee
Outreach & Education Committee (Conference calls)
West Central Regional Geospatial Workshop – MARC Offices (July 29th, coordinating)
Mid-America Geographic Information Consortium (MAGIC) meetings
MSDIS Planning "Fall Buy" meetings
Monthly MSDIS staff meetings
MGISAC Strategic Planning Committee
Powerscape meetings
MO Broadband staff meetings (numerous)
GEOMAP meetings
2013 MAGIC Clearinghouse Summit (coordination and presenting)
MACOG\RPC Broadband "Structures" project and report meetings
InfoUSA
Implementation meetings with MU DOIT
ITSD Imagery Server Security and Access meetings
FGDC Metadata Workgroup Conference calls (numerous)
FGDC – Introduction to New ISO 19115 Metadata Standards webinars (multiple)
HuGeo meetings
URISA Leaders Talk
Bi-Weekly Technical Exchange (NGA)
GeoINT conference
MO GIS Conference Committee meetings
Mid-West Regional HFLD\HSIN meetings
Missouri Mappers Executive Committee meetings
2013 Missouri Mappers Conference meetings and attendance (July)
IDGA Human Geography Summit
HSIN Connect – Mid-West Regional Conference call
SEMO Symposium planning meetings
New MO Leaf Off Imagery effort meetings
USGS Structures Volunteers meeting – April
North-West Workshop planning and attendance (June)
RPC "Structures" project training meetings and site visits
2013 National Geography Bee
NTIA SBDD and SHLB Conference (April)
IDGA Human Geography Conference (May)
MU Cyber-infrastructure Meeting
Missouri Digital Government Summit (June)

2nd Period August, 2013 – January, 2014 comments –
MSDIS staff members attended numerous meetings during this period on the following topics:

MGISAC Strategic Planning Meetings (4)
MGISAC Data Development Committee (mostly LiDAR meetings)
Outreach & Education Committee (Conference calls)
SEMO Symposium – Cape Girardeau CTC (August 18th, coordinating)
Mid-America Geographic Information Consortium (MAGIC) meetings & retreats (9)
MSDIS Rolla Site Planning meetings (3)
Monthly MSDIS staff meetings
MO Broadband staff meetings (numerous)
GEOMAP meetings
2013 MAGIC Clearinghouse Summit (North Dakota -coordination and presenting)
2014 MAGIC Clearinghouse Summit (planning)
MACOG\RPC Broadband "Structures" project and report meetings
MAGIC Grants Committee (review and award)
MAGIC Awards Committee Conf. Calls
Implementation meetings with MU DOIT
ITSD Imagery Server Security and Access meetings
FGDC Metadata Workgroup Conference calls (numerous)

NSGIC 2013 Annual Conference (Kansas City)
NSGIC GIS Inventory Conference Calls
Northwest RPC Annual Meeting (Keynote)
HuGeo meetings (numerous)
NSGIC Geospatial Preparedness Meetings
Bi-Weekly Technical Exchange (NGA)
MO 2014 GIS Conference Site Selection Committee meetings
Missouri Mappers Executive Committee meetings
2014 Missouri Mappers Conference planning meetings
New MO Leaf Off Imagery effort meeting (1)
RPC "Structures" project training meetings and site visits
MTIA Conference (August)
MU Cyber-infrastructure Meeting

Continue maintenance and publishing of an inventory of data holdings available at the MSDIS.

New Data – the following new or revised data sets listed on MSDIS involving edits or additions to the Data Set List, Theme List and New Data pages:

1st Period 2013 comments –

Wednesday, July 3, 2013
Missouri Department of Elementary and Secondary Education have provided updates to the TIGER school districts. This includes the name changes as well as the recent elimination of Wellston and its absorption into Normandy. These data have replaced the following data set which has been removed from MSDIS:
MO_2012_School_School_Districts

These updated data can be found here:

ftp://msdis.missouri.edu/pub/Administrative_Political_Boundaries/MO_2013_School_Districts_shp.zip

Monday June 10, 2013
The Geographic Resources Center has released one updated dataset as follows:

MO_2013_State_Library_Districts_shp.zip: 2013 Missouri State Library Districts

These updated data can be found here:

ftp://msdis.missouri.edu/pub/Administrative_Political_Boundaries/MO_2013_State_Library_Districts_shp.zip

Tuesday June 4th, 2012
The May 2013 MODOT data are available to all MSDIS users. Updates are provided to MSDIS by MODOT on a quarterly basis.

Click to download the "Raw" unparsed data in file geodatabase format.

Also available as a web map service here:

msdisweb.missouri.edu/ArcGIS/rest/services/MoDOT_Roads_Quarterly_May_2013_WMS/MapServer

Monday, April 15th, 2013
Missouri Department of Natural Resources has released one updated data set as follows:

MO_2013_Dept_of_Natural_Resources_Land_Boundaries_shp.zip - This data set depicts the boundaries of parks and historic sites managed by the Missouri Department of Natural Resources, Division of State Parks.

This update replaces MO_2010_Dept_of_Natural_Resources_Land_Boundaries_shp.zip which has been removed from MSDIS

Monday, April 8th, 2013
Missouri Department of Natural Resources has released two updated data sets as follows:

MO_2013_National_Register_Districts_shp.zip - District resources certified by The National Park Service as included on the National Register (NR) of Historic Places.

MO_2013_National_Register_Sites_shp.zip - Site resources certified by The National Park Service as included on the National Register (NR) of Historic Places.

Friday, March 8th, 2013
Missouri Department of Natural Resources has released four updated data sets as follows:

MO_2012_Section_305b_Water_Quality_Report_Complete_Listing_of_Impaired_Lakes_shp.zip - This data set contains those Missouri lakes which have been assessed as impaired in 2012. This data set is created in conjunction with the Missouri Water Quality Report, which is produced biennially as required by Section 305(b) of the Federal Clean Water Act, and correlates to Tables 14-15 of that report.

MO_2012_Section_305b_Water_Quality_Report_Complete_Listing_of_Impaired_Rivers_and_Streams_shp.zip - This data set contains those Missouri streams which have been assessed as impaired in 2012. This data set is created in conjunction with the Missouri Water Quality Report, which is produced biennially as required by Section 305(b) of the Federal Clean Water Act, and correlates to Tables 14-15 of that report.

MO_2012_Section_303d_Listed_Impaired_Lakes_shp.zip – This data set contains Missouri's 2012 Section 303(d) Listed Waters (Lakes) and is a list of certain impaired waters in the State of Missouri. All waters are listed for their full size as given in 10 CSR 20-7.031 Water Quality Standards, Table G.

MO_2012_Section_303d_Listed_Impaired_Rivers_and_Streams_shp.zip - This data set contains Missouri's 2012 Section 303(d) Listed Waters (Streams) and is a list of certain impaired waters in the State of Missouri. All waters are listed for their full size as given in 10 CSR 20-7.031 Water Quality Standards, Table H.

The above updated datasets replace the following files which have been removed from MSDIS:

/pub/state/MO_2010_Impaired_Lakes_shp.zip
/pub/state/MO_2010_Impaired_Rivers_and_Streams_shp.zip
/pub/state/MO_2010_Section_303d_List_Impaired_Rivers_and_Streams.shp.zip
/pub/Environment_Conservation/MO_2010_Impaired_Lakes_shp.zip
/pub/Environment_Conservation/MO_2010_Impaired_Rivers_and_Streams_shp.zip
/pub/Environment_Conservation/MO_2010_Impaired_Streams_Water_Quality_Report_shp.zip
/pub/Inland_Water_Resources/MO_2010_Impaired_Lakes_shp.zip
/pub/Inland_Water_Resources/MO_2010_Impaired_Rivers_and_Streams_shp.zip
/pub/Inland_Water_Resources/MO_2010_Impaired_Rivers_and_Streams_shp.zip
/pub/state/st_qltrpt_2010_l.zip
/pub/state/st_qltrpt_2010_s.zip

Wednesday, March 6th, 2013
It has been brought to our attention that the following two data sets are duplicates:

MO_2012_NPDES_Storm_Water_Facilities_Master_General_Permit_shp.zip
MO_2012_National_Pollutant_Discharge_Elimination_System_Storm_Water_Facilities_shp.zip

The second data set (MO_2012_National_Pollutant_Discharge_Elimination_System_Storm_Water_Facilities) and metadata have been removed from MSDIS ftp and all links to it from Geoportal, theme list and dataset list web pages have been deleted.

2nd Period August, 2013 – January, 2014 comments –

Thursday, January 16, 2014
Missouri Dept. of Natural Resources has released updated data set depicting the overburden thickness or depth to bedrock in the State of Missouri.

These updated data replace older data named, MO_2006_Overburden_Surficial_Materials_Thickness_shp.zip, which have been removed from MSDIS. These updated and renamed data can be found here:

ftp://msdis.missouri.edu/pub/Geological_Geophysical/MO_2014_Overburden_Thickness_shp.zip These data depict the overburden thickness or depth to bedrock in the State of Missouri.

Thursday, December 19, 2013
Missouri Dept. of Natural Resources has released updated data set depicting the surficial geology material units of the state of Missouri.

These updated data replace older data named, MO_2006_Surficial_Soils_Above_Bedrock_shp.zip, which have been removed from MSDIS. These updated and renamed data can be found here:

ftp://msdis.missouri.edu/pub/Geological_Geophysical/MO_2013_Surficial_Geology_shp.zip These data depict the surficial geology material units of the state of Missouri.

Wednesday, December 11, 2013
The Missouri 2013 school districts data have been updated with about 50 district name changes.

These updated data can be found here:
ftp://msdis.missouri.edu/pub/Administrative_Political_Boundaries/MO_2013_School_Districts_shp.zip

These data are also available as a web map service here:
http://msdisweb.missouri.edu/ArcGIS/rest/services/Missouri_2013_School_Districts_WMS/MapServer

Wednesday, October 30, 2013
Missouri Dept. of Natural Resources has released three new data sets related to earthquake hazards within a twenty 7.5' quadrangle portion of the St. Louis area as follows:

These new data can be found here:

ftp://msdis.missouri.edu/pub/Geological_Geophysical/MO_2013_Collapse_Potential_St_Louis_Area_shp.zip This data set depicts areas susceptible to collapse in the St. Louis area.
ftp://msdis.missouri.edu/pub/Geological_Geophysical/MO_2013_Landslide_Potential_St_Louis_Area_shp.zip This data set depicts areas susceptible to landslide in the St. Louis area.
ftp://msdis.missouri.edu/pub/Geological_Geophysical/MO_2013_Liquefaction_Potential_St_Louis_Area_shp.zip This data set depicts areas susceptible to liquefaction in the St. Louis area.

Wednesday, October 30, 2013
Missouri Dept. of Natural Resources has released three updated data sets related to earthquake hazards in Missouri as follows:

These updated data replace older data named, MO_2010_Collapse_Potential_shp.zip, MO_2010_Landslide_Potential_shp.zip and MO_2010_Liquefaction_Potential_shp.zipwhich have been removed from MSDIS. These new data can be found here:

ftp://msdis.missouri.edu/pub/Geological_Geophysical/MO_2013_Collapse_Potential_shp.zip This data set depicts areas susceptible to collapse in Missouri.
ftp://msdis.missouri.edu/pub/Geological_Geophysical/MO_2013_Landslide_Potential_shp.zip This data set depicts areas susceptible to landslide in Missouri.
ftp://msdis.missouri.edu/pub/Geological_Geophysical/MO_2013_Liquefaction_Potential_shp.zip This data set depicts areas susceptible to liquefaction in Missouri.

Friday, October 18, 2013
Missouri Dept. of Natural Resources has released updated data set depicting locations and well specifications for the groundwater observation well network.

These updated data replace older data named MO_2009_Groundwater_Observation_Wells_shp.zip which have been removed from MSDIS. These new data can be found here:

ftp://msdis.missouri.edu/pub/Environment_Conservation/MO_2013_Groundwater_Observation_Wells_shp.zip

Thursday, October 3, 2013
Missouri Dept. of Natural Resources has released two new data sets as follows:

Delisted Impaired Lakes: This data set depicts water body and pollutant pairs which have been removed from Missouri's 303(d) List of impaired waters due to the development and approval by the U.S. Environmental Protection Agency (EPA) of a Total Maximum Daily Load (TMDL), a permit in lieu of a TMDL (PIL), or reassignment of the impairment as belonging to Category 4 C as defined in EPA's July 2005 guidance entitled "Guidance for 2006 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d), 305(b) and 314 of the Clean Water Act."

Delisted Impaired Streams: This data set depicts water body and pollutant pairs which have been removed from Missouri's 303(d) List of impaired waters due to the development and approval by the U.S. Environmental Protection Agency (EPA) of a Total Maximum Daily Load (TMDL), a permit in lieu of a TMDL (PIL), or reassignment of the impairment as belonging to Category 4 C as defined in EPA's July 2005 guidance entitled "Guidance for 2006 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d), 305(b) and 314 of the Clean Water Act."

These new data can be found here:

ftp://msdis.missouri.edu/pub/Inland_Water_Resources/MO_2013_Section_303d_Delisted_Impaired_Lakes_shp.zip
ftp://msdis.missouri.edu/pub/Inland_Water_Resources/MO_2013_Section_303d_Delisted_Impaired_Streams_shp.zip

Thursday, October 3rd, 2013
The datasets depicting two school entities have been updated.

These updated data can be found here:

ftp://msdis.missouri.edu/pub/Facilities_Structures/MO_2012_Public_Disabled_Schools_shp.zip
ftp://msdis.missouri.edu/pub/Facilities_Structures/MO_2012_Private_Schools_shp.zip

The Metadata only dataset depicting Adult Daycare Facilities has been updated.

These updated metadata can be found here:

ftp://msdis.missouri.edu/pub/metadata_gos/MO_2013_Adult_Day_Care_Facilities.xml

Tuesday, October 1, 2013
Missouri Dept. of Natural Resources has released updated data set depicting Missouri's Outstanding State

Resource Waters - Rivers and Streams listed in Table E of the Water Quality Standards rule as published in the Code of State Regulations on May 31, 2012.

These updated data replace older data named MO_2007_Outstanding_Resource_Waters_Rivers_Streams_shp.zip which have been removed from MSDIS. These new data can be found here:

ftp://msdis.missouri.edu/pub/Inland_Water_Resources/MO_2013_Outstanding_Resource_Waters_Rivers_Streams_shp.zip

Tuesday, October 1, 2013
Missouri Dept. of Natural Resources has released updated data set depicting stream segments classified as either losing or gaining depending on the change in flow rate over a set distance at the time of a site visit. Stream classification is intended to depict sections of streams which are either losing water flow to the subsurface or gaining water flow from the subsurface. Stream classification is required for certain site evaluations under Missouri Code of State Regulation (CSR), 10 CSR 20-8.

These updated data replace older data named MO_2007_Losing_and_Gaining_Stream_Segments_shp.zip which have been removed from MSDIS. These new data can be found here:

ftp://msdis.missouri.edu/pub/Inland_Water_Resources/MO_2013_Losing_and_Gaining_Stream_Segments_shp.zip

Tuesday, October 1, 2013
Missouri Dept. of Natural Resources has released updated data set depicting biological reference stream segments in Missouri which are part of the Missouri Code of State Regulation (CSR), 10 CSR 20-7.031, Table I.

These updated data replace older data named MO_2007_Biological_Reference_Stream_Segments_shp.zip which have been removed from MSDIS. These new data can be found here:

ftp://msdis.missouri.edu/pub/Environment_Conservation/MO_2013_Biological_Reference_Stream_Segments_shp.zip

Tuesday, October 1, 2013
Missouri Dept. of Natural Resources has released updated data set depicting Missouri's Outstanding National Resource Waters listed in Table D of the Water Quality Standards rule as published in the Code of State Regulations on May 31, 2012.

These updated data replace older data named MO_2007_Outstanding_Resource_Waters_shp.zip which have been removed from MSDIS. These new data can be found here:

ftp://msdis.missouri.edu/pub/Inland_Water_Resources/MO_2013_Outstanding_National_Resource_Waters_shp.zip

Tuesday, October 1, 2013
Missouri Dept. of Natural Resources has released updated data set depicting Missouri's Outstanding State Resource Waters - Marshes listed in Table E of the Water Quality Standards rule as published in the Code of State Regulations on May 31, 2012.

These updated data replace older data named MO_2007_Outstanding_National_Resource_Waters_Marshes_shp.zip which have been removed from MSDIS. These new data can be found here:

ftp://msdis.missouri.edu/pub/Inland_Water_Resources/MO_2013_Outstanding_Resource_Waters_Marshes_shp.zip

Wednesday, September 25, 2013
The Missouri 2013 school districts data have been updated due to a minor labelling error. Southern Reynolds Co R-II was incorrectly labeled as "Southern Reynolds Co R-IV".

These updated data can be found here:

ftp://msdis.missouri.edu/pub/Administrative_Political_Boundaries/MO_2013_School_Districts_shp.zip

Monday September 23rd, 2013
The August 2013 MODOT data are available to all MSDIS users. Updates are provided to MSDIS by MODOT on a quarterly basis.

Click to download the "Raw" unparsed data in file geodatabase format.

Also available as a web map service here:

msdisweb.missouri.edu/ArcGIS/rest/services/MoDOT_Roads_Quarterly_August_2013_WMS/MapServer

Wednesday, August 14, 2013
This update depicts locations of samples on streams that were collected for aquatic invertebrate analysis. These data have replaced the following data set which has been removed from MSDIS: MO_2010_Invertebrate_Monitoring_Locations_shp.zip

These updated data can be found here:

ftp://msdis.missouri.edu/pub/Environment_Conservation/MO_2013_Invertebrate_Monitoring_Locations_shp.zip

Tuesday, August 6, 2013
Missouri Department of Elementary and Secondary Education have provided updates to the TIGER school districts. This most recent update now contains the state district code (codist) in the attribute field. This is in addition to the previous recent elimination of Wellston and its absorption into Normandy. These data have replaced the following data set which has been removed from MSDIS: MO_2012_School_School_Districts

These updated data can be found here:

ftp://msdis.missouri.edu/pub/Administrative_Political_Boundaries/MO_2013_School_Districts_shp.zip

To the extent possible increase the amount of MSDIS activities (data development, clearinghouse functionality, hardware costs, etc.) funded by alternative sources.

MOCAP / National Map and other projects…

1st Period 2013 comments –
In the 2nd quarter of 2013, the project continued to grow with the hiring of 10 new student interns. Also, We continued to grow in production with 58 new counties in 8 RPCs started in the digitization process. Forty- nine counties were completed or were in first or second pass review. Five more Regional Planning Commissions were ready for distribution (total 9) to the local governments for review, with four in internal review, and two others with digitization just starting. Total structure points added this quarter were: 740,132 (grand total: 2,469,446). Total footprints added this quarter were: 7,619 (grand total: 20,193). Contracts for local review went out to the Regional Planning Councils early in the 2nd Quarter of 2013. Incorporated with the structures local review is also a review and compilation of Community Anchor Institutions. We have had 16 RPCs sign the contracts and have gone and done Structure and CAI trainings for the 5 RPCs that we have completed data sets for. The CAI review is to take no longer than 3 months with the structures review to be accomplished in 12 – 14 months.

Update: We are now well into the next quarter – total structures = 2,684,596, total footprints = 33,645.

2nd Period August, 2013 – January, 2014 comments –
During the second period there was a significant shrinking of student staff as both the amount of work and the funding began to taper. By the end of January all of the RPCs were in one of two stages – 17 were digitized and reviewed by the GRC – and passed to the RPCs for local review. 2 (East-west and Mid-America) are still being digitized (Mid-America should be completed in the next few days).
The RPC Phase I: CAI Survey has been completed in all but three RPCs (East-West, Mid-America and Harry S. Truman – all of whom signed contracts\MOUs later in the process).
Total structure points added during this period were:
1,356,375 (grand total: 3,825,821). Total footprints added this quarter were: 29,577 (grand total: 49,770).

Management

Provide for review of MSDIS operations and budget.

1st Period 2013 comments –
Annual MSDIS fiscal report is attached.

2nd Period August, 2013 – January, 2014 comments –
Next period will see the MSDIS annual fiscal report in company with this report.

Maintenance and development of the MSDIS computing environment for the support of the clearinghouse function and provision of security and continuity for MSDIS functionality.

1st Period 2013 comments –
Virtualization of the MSDIS-Imagery Servers and storage space upgrade:
We're essentially down to one solution (one of the two virtualization options) but are still working out some details. The "Fall Buy" deadline approaches and we'll have to hammer those details out prior to that date in September. Significant increases to storage space – accessible by both web and imagery servers are part of the solution although the exact amount of new space is still being discussed. The FTP server test is on hold until this next phase of virtualization is complete.

2nd Period August, 2013 – January, 2014 comments –
Purchased hardware has arrived and is being racked and configured with operating systems. The current plan is to configure and test the Rolla site\server build out the data storage there to test with. Then with it up, tested and available virtualize the Telecomm site – then the North Node with very few – and preferably - no planned interruptions in service. It's still very early in the process – more when we have a semi-solid timeline.