Missouri Spatial Data Information Service
2nd Bi-Annual Period Report
August, 2011 – February, 2012

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 comments –
With efforts to digitally log and enumerate the metadata currently held at MSDIS the scope of this project has grown - driven by the priority need of bringing up the new MSDIS GeoPortal and publishing all metadata holdings to this more user friendly tool. Each record must be logged and then changes made to titles, GOS discoverability, ISO categories, on-links to the downloadable data and various data types and caveats (online or offline data etc…). Then each data set must be logged as published with data and metadata record name (which is often different from the file name).
As part of the inventory process we've presented the new MSDIS GeoPortal tool at many regional and conferences as where all Missouri geospatial data users can discover geospatial data available in the public purview.

2nd Period comments –
NSGIC has received federal funding to make improvements to the GIS inventory application to encompass importing existing metadata records into the system. Mark will be attending a conference call to this purpose hosted by NSGIC on Wednesday, February 8th, 2012. Meanwhile education efforts that encourage the use of the geoportal – and more importantly web services to host and share data will continue at the regional/local level.

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 comments –
All equipment except the Imagery Services Development Server are functional. The Development server is soon to be configured. More on this as it unfolds. We are currently examining rebuilding our available legacy ArcIMS services in ArcGIS Server10. Jim Harlan will be providing a test bed project in the near future.

2nd Period comments –
The Imagery Development Server is now functional and being utilized by Wenbo for his development. We are waiting on a promised MOA from OGI concerning imagery services and use of the development server. Some assistance has been provided to OGI to load VPN clients etc… required for access.
The Geoportal is mid-process in switching from the legacy SDE to the new MSDIS File Geodatabase. The advantages to the users will be greater functionality for the download tool, more data sets available, datasets that are actually the latest available, and a new download tool that allows for the mailing of a URL for the zipped dataset of the files selected for download vs. the old process of it actually sending the zipped file which was a problem for some users. Any thanks for that tool rewriting should go to Arnold Williams (OGI – who gave us a big push by rewriting the code), Dan

Haag (ESRI- who brought the code home) and Wenbo Song (MSDIS – who figured out how to make it work within our system). This change will happen just as soon as a number of new and updated files are loaded to the file geodatabase – likely over a future weekend.

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 comments –
The MSDIS GeoPortal now publishes 177 metadata records – adjustments to published records to reflect file type (i.e. – SHP or GDB) based of customer feedback has been accomplished. Searches can be conducted based on ISO category under the "Browse" tab or general searches on keywords or user drawn area searches. Finally visual searches by topic folder can still be had via the archival MSDIS FTP sources.

2nd Period comments –
The Geoportal now holds 249 records. We are renaming existing geoportal files (transparent to user – this is to ease future admin efforts) to a finally decided on metadata record and download record naming convention. Also as an outcome of a recent MSDIS retreat that discussed administrative issues it became clear that some of the methods of data classification at MSDIS were outdated and so data will now be organized by ISO category as is reflected by the GeoPortal. This will make searches easier in the long run when users become familiar with the 19 tags in the portal. Reinstated a list of data by theme (state extent) by popular demand (Dec 2011).

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 comments –
We have moved to address MGISAC concerns that they would like to see more data published in a shape file format. All data published to the new Geoportal are either shapes or file geodatabases – sometimes both.

2nd Period comments –
Fewer datasets are now available as .e00 files than ever before – in Pub\State 66 of 288 files are still .e00 and as time allows we are going after them. The problem isn't with duplicating them as geodatabases so much as it is to converting them for FTP download. This takes time…

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 comments –
An attempted Cadastral Mapping Standard meeting scheduled for July 14th was cancelled on short notice but is to be rescheduled.

2nd Period comments –
MSDIS continues to participate in the CAD mapping standards meetings and discussion as time allows. Results and drafts are disseminated through MSDIS' list servers.

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***

1st Period comments –
Mid-MO Structures Project: Sub-contracts have been signed – student interns (2) hired - to generate the "structures" data points. As of this report Howard, Cooper, Moniteau, and most of Calloway are complete. The RPC (Mid-Missouri) has secured data agreements with Boone and the City of Columbia so we'll begin working with that data. Cole County and Jefferson City data is still being looked at but will likely take some work also.

MSDIS hurried to bring its new imagery services online to support SEMA requirements for flooding events in late April and early May (Southeast Missouri) – and again for the Joplin Tornadic event in early June. Secure image services were posted in the case of the flooding and services were generated in the public purview at both MSDIS and ArcGIS Online.

2nd Period comments –
Mid-MO is in the can. Final report is out to USGS – data has been made available via MSDIS. Staff members are now working on reviewing and parsing out General Building categories in past iterations. Boonslick is complete. Bootheel is approximately 40% complete. SEMO will be next.

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 comments –
One day duration regional symposia were conducted in Branson hosted by Tri-Lakes and Intrinsic Corp (VillaGIS) – and Cape Girardeau hosted by Cape Girardeau Career & Technology Center and Surdex. Attended by 53 and 54 respectively. It was generally felt that both were successes.

Requested of the MGISAC and received an increase in annual budget for regional symposia (3) and allowing for adding additional technical workshops (2). The budget request included O&E funding of a grant for Geotech Summer Camp and a small competitive grant scholarship. Total requested and approved was $3,175. Shannon White and Mark Duewell will co-chair.

2nd Period comments –
One day symposium held in Lake of the Ozarks region (Camdenton). Attendance was very good.
A Lake Area Users Group (Leslie Chamberlin) was discussed and became a reality.
LiDAR Workshop coordinated for March 15^t , 2012 in Branson, MO.

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 comments –
GIS Vendors @ 26
KCAIUG-Announce @ 321
KCAIUG-L @ 64
KCCCGG-L @ 14
LGOV-L @ 30
MGISAC @ 142
MGISDATADEV @10
MISSOURIMAPPERSASSOC-L @ 31
MMGUG-L @ 173
MSDIS-NEWS @ 224
STCHGISUG-L @ 5
STLGIS-L @ 244
STLRIC-L @ 29
PONYEXPRESSGUG@ 18

2nd Period comments –
GIS Vendors @ 25
KCAIUG-Announce @ 315
KCAIUG-L @ 64
KCCCGG-L @ 14
LGOV-L @ 30
MGISAC @ 138
MGISDATADEV @11
MISSOURIMAPPERSASSOC-L @ 31
MMGUG-L @ 173
MSDIS-NEWS @ 223
PONYEXPRESSGUG@ 18
STCHGISUG-L @ 18
STLGIS-L @ 241
STLRIC-L @ 29

Conference / meeting Participation:

1st Period comments –
MSDIS staff members attended numerous meetings on the following topics:
State Agency GIS
Missouri Association of Mappers Conference (presenting)

Homeland Security Committee
Data Development Committee
Outreach & Education Committee
Regional Workshops in Cape and Branson (presenting and coordinating)
Mid-America Geographic Information Consortium (MAGIC)
MSDIS Rebuild & Implementation (weekly through most of the period),
MGISAC Strategic Planning Committee
OGI Planning
Powerscape meetings
MO Broadband meetings
GEOMAP meetings
Missouri GIS Conference (presenting)
MAGIC Clearinghouse Summit Planning meetings (coordinating team)
MACOG Directors meetings
InfoUSA
Implementation meetings with ESRI (Dan Haag, Joe Eckman)
ITSD Imagery Server Benchmark Testing meetings
FGDC Metadata Workgroup Conference calls
DOIT Security meetings
Mid-MO RPC Structures Project meetings
NSGIC Mid-year Conference
Missouri Botanical Gardens
State Agency Site visits (Imagery Services planning)
USGS LiDAR Champions
CGI Conflation meeting
NTIA National Conference
NGA Human Geography
MO CIO Meetings
Aerial Imagery RFP meetings
URISA Leaders Talk
Bi-Weekly Technical Exchange (NGA)
NGA Cuba Mapping

2nd Period comments –
MSDIS staff members attended numerous meetings during this period on the following topics:
State Agency GIS
Homeland Security Committee
Data Development Committee
Outreach & Education Committee (Conference call)
Regional Workshop in Camdenton (presenting and coordinating)
Mid-America Geographic Information Consortium (MAGIC)
MSDIS Rebuild & Implementation (average monthly through most of the period),
MGISAC Strategic Planning Committee
Powerscape meetings
MO Broadband meetings
GEOMAP meetings
MAGIC Clearinghouse Summit (coordination and presenting)
MACOG\RPC project and report meetings
InfoUSA
Implementation meetings with MU DOIT
ITSD Imagery Server Security and Access meetings
FGDC Metadata Workgroup Conference calls (several)
Missouri River Corridor Structures Project planning meetings
OGI Meetings (Imagery Services planning)
HoGeo meetings
MO CIO Meetings
URISA Leaders Talk
Bi-Weekly Technical Exchange (NGA)
NGA Cuba Mapping and conference
GeoINT conference
County Commissioners Meeting (web site development).
Lake Area User Group meetings

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 comments –

Monday, June 13, 2011

U.S. Department of Commerce, U.S. Census Bureau, Geography Division and Geographic Resources Center, University of Missouri have released Census 2010 Zip Codea Tabulation Area data.

Abstract: The TIGER/Line Files are shapefiles and related database files (.dbf) that are an extract of selected geographic and cartographic information from the U.S. Census Bureau's Master Address File / Topologically Integrated Geographic Encoding and Referencing (MAF/TIGER) Database (MTDB). The MTDB represents a seamless national file with no overlaps or gaps between parts, however, each TIGER/Line File is designed to stand alone as an independent data set, or they can be combined to cover the entire nation. ZIP Code Tabulation Areas (ZCTAs) are approximate area representations of U.S. Postal Service (USPS) ZIP Code service areas that the Census Bureau creates to present statistical data from Census 2000. Data users should not use ZCTAs to identify the official USPS ZIP Code for mail delivery. The USPS makes periodic changes to ZIP Codes to support more efficient mail delivery. For the 2010 Census, ZCTAs should more accurately represent the actual ZIP Codes at the time of their delineation than they did for Census 2000. This is because that before the tabulation blocks, which the ZCTAs are built from, were delineated for the 2010 Census, the Census Bureau undertook the process of inserting lines that could be used as 2010 Census tabulation block boundaries, and these lines split polygons where the result would be that a significant number of addresses would occur on either one or both sides of the line associated with a single ZIP Code. Each 2010 Census tabulation block that contains addresses is assigned to a single ZCTA, usually to the ZCTA that reflects the most frequently occurring ZIP Code for the addresses within that tabulation block. As a result, ZIP Codes associated with address ranges found in the Address Ranges relationship file may not always match the ZCTA. Blocks that do not contain addresses but are completely surrounded by a single ZCTA (enclaves) are assigned to the surrounding ZCTA. A ZCTA may not exist for every USPS ZIP Code. Some ZIP Codes may not have a matching ZCTA because too few addresses were associated with the specific ZIP Code or the ZIP Code was not the most frequently occurring ZIP Code within any of the blocks were it exists. The Census Bureau uses the addresses stored within MTDB to delineate ZCTAs, and at the time of the 2010 Census the MTDB primarily included addresses for residential or at least potentially residential structures, so ZCTAs representing only non-residential structures are infrequent. Also, in each tabulation block, if a choice existed between using a potential city-style mail delivery ZIP Code for an address or a post office box ZIP Code, the city-style mail delivery ZIP Code was preferred for the 2010 Census ZCTA delineation. The Census Bureau identifies 5-digit ZCTAs using a five-character numeric code that represents the most frequently occurring USPS ZIP Code within that ZCTA, and this code may contain leading zeros.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_zcta10.zip

Friday, June 10, 2011
Missouri Department of Natural Resources has released two updated datasets as follows:

st_landfills: This data set contains locations for Active, Closed, Inactive and known Pre-Law landfills in Missouri.

st_tranasfer: This data set contains locations for all permitted solid waste transfer stations in Missouri.

These updated data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_landfills.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_transfer.zip

Wednesday, May 25th, 2011
The Geographic Resources Center has released one updated dataset as follows:

st_libdists11: 2011 Missouri State Library Districts

These updated data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_libdists11.zip

Monday, April 26th, 2011
2010 Census P.L. 94-171 PDF Reference Maps are now available.

http://msdis.missouri.edu/census2010indexmaps/index.htm

Friday, April 8th, 2011
Missouri Dept. of Natural Resources has released two new data sets as follows:

MAJOR_LAKES - This subset of the 1:100,000 scale NHD-Plus data includes only those water bodies with areas greater than or equal to 50 acres. It can be used to improve system performance when depicting surface water features at small scales.

MAJOR_RIVERS - This subset of the 1:100,000 scale NHD-Plus data includes features with a value of 1 in the associated THINNERCOD attribute that is delivered separately from the flow-line geometry. It can be used to improve system performance when depicting surface water features at small scales. Below is an explanation of the THINNERCOD attribute.

Thinner Code (Thinner-Cod)
An ordinal value designed to allow selection of progressively denser networks. The least dense network is obtained by selecting thinner values of 1 which is the network of major streams and rivers that connect the 8-digit Hydrologic Units (i.e. sub-basins or cataloging units). Each successive value of Thinner adds more streams to the network. At any Thinner level, the network is fully connected. Thinner values are designed to be used for improving the performance of Web pages and other applications where the user zooms back and forth between large areas and small areas. There is no hydrologic basis, other than connectivity, for the thinner values and they should NOT be used for stream classification or analysis.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_major_rivers.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_major_lakes.zip

Wednesday, April 6th, 2011
The latest MoDOT dataset is available to all MSDIS users. Updates are provided to MSDIS by MoDOT on a 2-3 month basis.

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

Tuesday, March 29th, 2011
Missouri Dept. of Natural Resources (MoDNR) have supplied 2 replacement datasets. These two are replacement data for the two data sets depicting the 2008 305(b) Water Quality report:

- Missouri Lakes assessed as impaired from the 2010 Missouri 305(b) Water Quality Report. (data formerly named st_qltrpt_2008_l.zip have been removed)

- Missouri Rivers and Streams assessed as impaired from the 2010 Missouri 305(b) Water Quality Report. (data formerly named st_qltrpt_2008_s.zip have been removed)

www.msdis.missouri.edu/msdisdata/pub/state/st_qltrpt_2010_l.zip
www.msdis.missouri.edu/msdisdata/pub/state/st_qltrpt_2010_s.zip

Tuesday, March 29th, 2011
Missouri Dept. of Natural Resources (MoDNR) have supplied 4 updated dataset as follows:

- Locations of facilities permitted by the Missouri Department of Natural Resources, Division of Environmental Quality, Air Pollution Control Program.
- Locations of samples on streams that were collected for aquatic invertebrate analysis by the Missouri Department of Natural Resources, Division of Environmental Quality, Environmental Services Program, Water Quality Monitoring Section.
- Boundaries of parks and historic sites managed by the Missouri Department of Natural Resources, Division of State Parks.
- Areas where air pollution levels persistently exceed the national ambient air quality standards.

These data can be found here:

www.msdis.missouri.edu/msdisdata/pub/state/st_facilty_air.zip
www.msdis.missouri.edu/msdisdata/pub/state/st_invert_monitr.zip
www.msdis.missouri.edu/msdisdata/pub/state/st_modnr_lands.zip
www.msdis.missouri.edu/msdisdata/pub/state/st_nonattainment.zip

Tuesday, March 29th, 2011
Missouri Dept. of Natural Resources has released the new data, Missouri Wild Areas.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_wild_areas.zip

Wednesday, March 23rd, 2011
Census Geography 1980 with total population items calculated for 1990, 2000, 2010. of State of Missouri have been updated as follows:

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_census80-10.zip

These data were updated to include 2010 information and were formerly named st_edtract80.e00.gz. That file has been removed from MSDIS.

Thursday, March 17th, 2011
2010 County Census Geography with 1990, 2000 and 2010 Population Data are now available:

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_county10.zip

Tuesday, March 15th, 2011
2010 Minor Civil Divisions, Places, School Districts and Voter Tabulation Districts Census Geography with 1990, 2000 and 2010 Population Data 2010 are now available:

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_mcd10.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_place10.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_schdists10.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_VTD10.zip

Tuesday, March 1st, 2011
2010 Blocks, Block Groups and Tracts Census Geography with 1990, 2000 and 2010 Population Data have been updated as follows:

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_bgrp10.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_tract10.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_block10.zip

Wednesday, February 9th, 2011
Locations of confirmed zebra mussel occurrences in Missouri.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_zebra_mussels.zip

Monday, February 7th, 2011
2010 Block Groups and Tracts Census Geography with 1990, 2000 and 2010 Population Data.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_bgrp10.zip
http://www.msdis.missouri.edu/msdisdata/pub/state/st_tract10.zip

Monday, February 7th, 2011
Census update, 2009 TIGER lines of State of Missouri. These data can be found here:

- Zip Code Tabulation Areas (5 digit) for Missouri, based on the CB Tiger Data

Thursday, January 27th, 2011
The Missouri Department of Conservation has released update of data depicting MDC public land managed by the Missouri Department of Conservation.

These data can be found here:
http://www.msdis.missouri.edu/msdisdata/pub/state/st_mdcland.zip

Wednesday, January 19th, 2011
2010 Census Roads are now available.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_csrds10.zip

Wednesday, January 19th, 2011
2010 Blocks Census Geography with 1990, 2000 and 2010 Population Data are now available.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/state/st_block10.zip

Monday, January 10th, 2011
2010 NAIP Imagery is now available. Imagery is true color and is processed into MrSid format by county extent.

These data can be found here:

http://www.msdis.missouri.edu/msdisdata/pub/naip2010/county_mrsid/

NOTE: 2009 Color Infra Red NAIP data have been removed due to disk space limitations. These data can be provided on request. True color 2009 NAIP are still available for download.

Monday, January 3rd, 2011
Missouri Dept. of Natural Resources (MoDNR) have supplied 1 new dataset as follows:

- Outfall locations of animal feeding operations (AFO) in Missouri with National Pollutant Discharge Elimination System (NPDES) operating permits.

These data can be found here:

www.msdis.missouri.edu/msdisdata/pub/state/st_npdes_afo.zip

Monday, January 3rd, 2011
Missouri Dept. of Natural Resources (MoDNR) have supplied 3 updated dataset as follows:

- Locations of permitted features that have been granted coverage under a state-wide Master General Permit for discharges of storm water associated with a particular industrial activity.
- Outfall locations of wastewater facilities in Missouri with National Pollutant Discharge Elimination System (NPDES) operating permits.
- Boundaries of localized architectural surveys maintained by the Missouri Department of Natural Resources, Division of State Parks, State Historic Preservation Office (SHPO).

These data can be found here:

www.msdis.missouri.edu/msdisdata/pub/state/st_npdes_storm.zip
www.msdis.missouri.edu/msdisdata/pub/state/st_npdes_outfall.zip
www.msdis.missouri.edu/msdisdata/pub/state/st_archit_survey

2nd Period comments –

Thursday February 02nd, 2012
MSDIS/GRC has released structures footprint data. These data identify and locate all structures in the six county Mid-Missouri region (Boone, Callaway, Cole, Cooper, Howard, and Moniteau Counties) and validate locations and attributes for 25 different critical infrastructure building types. This project is part of "Building data stewardship for The National Map and NSDI: Central Missouri Collaborative Review and Maintenance of Critical Infrastructure Data". These data are available as points and footprints.

18 new data can be found here:

ftp://msdis.missouri.edu/pub/Facilities_Structures

Wednesday January 18th, 2012
Missouri Department of Natural Resources has released updated data depicting bedrock geology of the State of Missouri. These data supersede previously published bedrock data st_bedrock_500k.zip, st_bedrock_100k.zip and st_bedrock_24k.zip

Please note that the .zip files include layer files with symbology for geologic mapping.

Bedrock_500K: This data set depicts the uppermost bedrock geology and major alluvial deposits located within the State of Missouri.
Bedrock_100K: This data set contains a collection of bedrock geologic maps produced at a scale of 1:100,000.
Bedrock_24K: This data set contains a collection of bedrock geologic maps produced at a scale of 1:24,000.

These new data can be found here:

ftp://msdis.missouri.edu/pub/state/MO_2011_Bedrock_500K_shp.zip
ftp://msdis.missouri.edu/pub/state/MO_2011_Bedrock_100K_shp.zip
ftp://msdis.missouri.edu/pub/state/MO_2011_Bedrock_24K_shp.zip

Thursday January 19th, 2012
MSDIS has rebuilt corrupted dataset depicting boundary of the state of Missouri. This supersedes st_statebnd.zip which has been removed from MSDIS.

These updated data can be found here:

ftp://msdis.missouri.edu/pub/state/MO_2009_State_Boundary_shp.zip
(Note - prior to update file formerly named st_statebnd.zip)

Wednesday January 18th, 2012
Missouri Department of Natural Resources has released updated data depicting bedrock geology of the State of Missouri. These data supersede previously published bedrock data st_bedrock_500k.zip, st_bedrock_100k.zip and st_bedrock_24k.zip

Please note that the .zip files include layer files with symbology for geologic mapping.

Bedrock_500K: This data set depicts the uppermost bedrock geology and major alluvial deposits located within the State of Missouri.
Bedrock_100K: This data set contains a collection of bedrock geologic maps produced at a scale of 1:100,000.
Bedrock_24K: This data set contains a collection of bedrock geologic maps produced at a scale of 1:24,000.

These new data can be found here:

ftp://msdis.missouri.edu/pub/state/MO_2011_Bedrock_500K_shp.zip
ftp://msdis.missouri.edu/pub/state/MO_2011_Bedrock_100K_shp.zip
ftp://msdis.missouri.edu/pub/state/MO_2011_Bedrock_24K_shp.zip

Wednesday January 18th, 2012
The Missouri Supreme Court has overturned the state Senate reapportionment plan. Data previously posted on MSDIS have been removed.

Friday January 6th, 2012
At the request of Mark Twain National Forest MSDIS has removed three datasets as follows mtlta.e00.gz, mtmgtare.e00.gz, and mtown.e00.gz. These have been replaced by two new datasets.

MO_2005_NFS_Plan_Management_Areas_shp.zip - this dataset depicts 2005 NFS Plan Management Areas of the Mark Twain National Forest
MO_2011_NFS_Basic_Ownership_Classifications_shp.zip - this dataset depicts Basic Ownership Classifications of the Mark Twain National Forest.

ftp://msdis.missouri.edu/pub/state/MO_2005_NFS_Plan_Management_Areas_shp.zip
ftp://msdis.missouri.edu/pub/state/MO_2011_NFS_Basic_Ownership_Classifications_shp.zip

Tuesday December 27th, 2011
Missouri Department of Natural Resources has released two updated datasets. These two data sets supersede the previously published st_imprd_2008_l and st_imprd_2008_s data sets.

MO_2010_Impaired_Lakes_shp.zip: This data set depicts Missouri's 2010 section 303(d) listed waters - lakes, and is a list of certain impaired waters in the State of Missouri.
MO_2010_Impaired_Rivers_and_Streams_shp.zip: This data set depicts Missouri's 2010 section 303(d) listed waters - rivers and streams, and is a list of certain impaired waters in the State of Missouri.

ftp://msdis.missouri.edu/pub/state/MO_2010_Impaired_Lakes_shp.zip
ftp://msdis.missouri.edu/pub/state/MO_2010_Impaired_Rivers_and_Streams_shp.zip

Tuesday December 20th, 2011
Missouri Office of Administration, Redistricting Office has released two updated datasets depicting, house and senate district boundaries in Missouri.

These updated data can be found here:

ftp://msdis.missouri.edu/pub/state/MO_2011_House_Districts.zip
NOTE - Senate removed, see January 18th posting.

Tuesday December 13th, 2011
Missouri Office of Geospatial Information has released one updated dataset depicting private schools in Missouri.

These updated data can be found here:

ftp://msdis.missouri.edu/pub/state/MO_2011_Private_Schools.zip

Thursday November 17th, 2011
Missouri Department of Elementary and Secondary Education has released one updated dataset depicting public schools in Missouri.

These updated data can be found here:

ftp://msdis.missouri.edu/pub/state/st_2011_public_schools.zip
(note - prior to update file formerly named st_school_public.zip)

Wednesday November 16th, 2011
Missouri Department of Natural Resources has released one updated dataset for 2011 as follows:

st_2011_monitor_sites: This data set includes locations for air quality monitoring sites for which the Missouri Department of Natural Resources has data.

These new data can be found here:

ftp://msdis.missouri.edu/pub/state/st_2011_monitor_sites.zip
(note - prior to update file formerly named st_monitor_sites.zip)

Monday November 14th, 2011
2011 Christian County School Districts.

ftp://msdis.missouri.edu/pub/Local_Gov/Christian/MO_2011_Christian_County_School_Districts.zip

Thursday November 3rd, 2011
The latest MODOT dataset is available to all MSDIS users. Updates are provided to MSDIS by MODOT on a 2-3 month basis.

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

Friday October 28, 2011
The Geographic Resources Center has released one updated dataset as follows:

st_libdists11: 2011 Missouri State Library Districts

These updated data can be found here:

ftp://msdis.missouri.edu/pub/state/st_libdists11.zip

Wednesday October 5, 2011
Missouri Department of Natural Resources has released one new and one updated datasets as follows:

st_plss_townships: This data set depicts townships of the Missouri Public Land Survey System.

st_losing_stream: This data set depicts 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.

These new data can be found here:

ftp://msdis.missouri.edu/pub/state/st_plss_townships.zip
ftp://msdis.missouri.edu/pub/state/st_losing_stream.zip

Wednesday August 31st, 2011
Missouri Department of Economic Development has released one updated datasets as follows:

st_eez_boundaries: Enhanced Enterprise Zone (EEZ) Boundaries in Missouri.

These new data can be found here:

ftp://msdis.missouri.edu/pub/state/st_eez_boundaries.zip

Wednesday August 17th, 2011
The latest MODOT dataset is available to all MSDIS users. Updates are provided to MSDIS by MODOT on a 2-3 month basis.

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

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 comments –
Broadband mapping funds geared to building infrastructure for hosting mapping services and data for the project have paid multiple dividends during fiscal 2011 by considerably enhancing MSDIS clearinghouse functionality through hardware/ software upgrades. The GeoPortal and image services now provided are obvious improvements to data discoverability and geospatial services to a wider customer base. As additional data goes into the portal and new mapping and imagery services become available user functionality should increase incrementally.

2nd Period comments –
Broadband funding continues to supplement some MSDIS upgrades – work accomplished for the Broadband initiative and through MSDIS staff efforts (mostly Martin) were getting the mapping website up and running. Many hours were spent in WebEx meetings with GeoDecisions to a) set up ArcSDE, MS Sequel Server, configure web mapping site and b) the most difficult piece - securing the Vendor provided data.
Staff members are working on a larger continuation of the Missouri "Structures" projects in the Northwest Missouri River Corridor. Two regional planning commissions have been targeted – Northwest and MO-Kan comprising 11 counties – two of which are in Kansas. Kansas has supplied a letter of support and will be working with us on the project exchanging data.
The MGISAC will be asked at February's meeting to support this project with a letter of support.

Management

Provide for review of MSDIS operations and budget.

1st Period comments –
An annual fiscal report will now be generated based on new requirements specified by the MGISAC. That report will be posted with this document to the web site.

2nd Period comments –
An annual fiscal report will now be generated based on new requirements specified by the MGISAC. That report will be posted with this document to the web site with the next report in August.

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 comments –
Additional LiDAR data (Boone County) is ready for transport to WUSTL for serving – Jefferson County is soon to be QA/QC'd.
Various short outages have been experienced due to network issues at the University. The University has been moving server equipment to new Cisco switches to address the issue and we hope a consistent environment is ahead in the server rooms. Since we are running both the legacy site and the new MSDIS-Web GeoPortal simultaneously under one alias our data is backed up at both locations (North Node and Campus Telecommunications).
The GeoPortal database has been moved to MSDISWeb – freeing up the old MSDISData to be configured as the Imagery Service Development Server – DOIT is scheduling the configuration of the operating system. There are 177 metadata records currently published – all FGDC compliant and either shapefiles (requested by MGISAC members as an option) or file geodatabases. A strategic plan is being developed to address the loading of the remaining metadata records that will disable the Portal's FGDC filter (which has proven to be extremely sensitive) – currently records load very slowly as dozens of errors show up for each record – when correctable at all they can take up to 30 minutes to load fixed versions. We have records of over 12,000 metadata records – ideally we'd like to publish them all – but we're coming to realize there might have to be some realistic compromises made to ensure the Portal publishes as many metadata records as practical. This project also bleeds into our ongoing effort to inventory Missouri's geospatial data sets.

2nd Period comments –
The signal changes to the University's network are complete and the network is back to its usual maintenance schedule for now. This has rolled into significantly improved access time through less downtime for all.
The old legacy site died a fairly quite death on December 31st, 2011. The new website seems to be performing well based on the comments so far received.
Investigated tools for FTP log analysis. Sawmill software identified as the best product. Trial version tested and published results to website commencing with Sept. 2011.