Data Development Meeting – Notes
Tuesday November 16
1:00-1:25

Attending	Agency	Attending	Agency
Ray Fox	USGS	Dale Schmutzler	SEMA
Liz Cook	NRCS	Debbie Briedwell	SEMA
Tim Donze	Surdex	Scott Zeller	SEMA
Kevin Kuhlmann	Sanborn	Alicia Williams	AMEC

Agenda:

On-Going Projects:

Maryland Heights – St Louis Imagery
Status: Area 1 corrections completed and sent to Andy Wagner. Area 2 corrections for ½ the project area completed. Area 3, no status report. Expect delivery in December

Boone County Lidar
Status: Extension has been given until April 2011.

Greene County Lidar
No change, delivery expected April, 2011.

Cole – Callaway – Osage Lidar
Delivered to USGS on 9/20 for QA. Metadata received 11/5/2010

Jefferson City Imagery
Status: Delivery of NGA 133 UA by April, remainder of project TBD.

Jasper County Lidar
Delivered 9/20, metadata received 11/5/2010

Kansas City Imagery
Status: Counties are reviewing delivery now. MARC and USGS will receive after review is completed.

MSDIS Structures
No change. New school data revised in the New Madrid area has been posted.

2010 NAIP
Status: Delivery from Surdex to APFO. No word on when uncompressed imagery will be available

New Projects:

DNR-NRCS-SEMA-USGS Lidar for Jefferson, St Francis, Franklin, and Washington Counties
Status: SEMA has MOU ready for USACE-St Louis. Meeting on Tuesday to discuss details. USGS funding delayed until SEMA issue resolved.

St Louis County and City lidar
No partnerships coming forth.

NHD Stewardship
Status: No report

New State Imagery Contract
Tim Haithcoat distributed draft RFP for comments
Status: Get comments to Tim.

Ozark Aquifer
http://ks.water.usgs.gov/studies/OzarkAquifer/index.html
No interest from others.

Other Business:

2011 Committee action plan has been posted on Strategic Planning site.

Presentations at the MGISAC conference in Feb:

I plan on doing one on lidar, NHD, structures, and imagery from a coordination viewpoint. Anyone interested in a technical presentation?

Liz Cook will give LiDAR workshop at the conference. Anyone wanting to help with the workshop please contact Liz.

Next meeting is scheduled for Tuesday December 14

The Ozark Aquifer is an important water supply source for cities, rural water districts, agriculture, and industry in southeast Kansas, southwest Missouri, and northeast Oklahoma. Water supply wells in some areas of the aquifer have experienced water level declines in recent years. With a growing demand for water within the region, concerns about future water availability prompted by water-level declines and water-quality degradation, have created a need to better understand this valuable resource in order to better address its long-term management.

TRI-STATE MODEL AREA

To address water supply and quality issues, the U.S. Geological Survey initiated a multi-year study in August 2005 in cooperation with the efforts of the state water agencies in the Tri-State area (Kansas, Oklahoma, Missouri). A model was developed that simulated groundwater flow within the Ozark and Springfield Plateau aquifers and included interaction between ground and surface water. The model allows resource managers to simulate the effect of additional groundwater withdrawals and provide valuable water availability information.

The study also assessed the water-quality conditions in the Ozark aquifer and provided information on vertical variability of water quality within the aquifer near Pittsburg, Kansas, where brackish water intrusion is a concern.

In the spring of 2006, the depth to water was measured in over 200 wells throughout the Tri-State region. This information was used to construct the most detailed regional water level map of the Ozark Aquifer to date. This and other data such as water use needed to construct the regional groundwater flow model were compiled.

The Ozark Aquifer Technical Advisory Committee (TAC) comprising representatives from the three state water agencies, the USGS, U.S. Environmental Protection Agency (USEPA), and local representatives, Pete Rauch (city of Monett, Missouri) and Bob Kirby (Kansas Rural Water Association), met by phone quarterly to discuss the progress of the study. Three public meetings were held to provide area residents with information about the progress and results of the study.