Approved: <u>3/10/2010</u>

Date

MINUTES OF THE SENATE NATURAL RESOURCES COMMITTEE

The meeting was called to order by Chairman Carolyn McGinn at 8:30 a.m. on February 26, 2010, in Room 144-S of the Capitol.

All members were present except:

Senator Abrams - excused

Committee staff present:

Kristen Kellems, Office of the Revisor of Statutes Corey Carnahan, Kansas Legislative Research Department Raney Gilliland, Kansas Legislative Research Department Grace Greene, Committee Assistant

Conferees appearing before the Committee:

Tracy Streeter, Kansas Water Office Brownie Wilson, Kansas Geological Survey, University of Kansas

Others attending:

See attached list.

Tracy Streeter, Kansas Water Office, provided a briefing regarding the importance of geographic information systems (GIS) and light detection and ranging (LiDAR) data.

Brownie Wilson, Kansas Geological Survey, University of Kansas (<u>Attachment 1</u>) presented an informational presentation on geospatial data for decision makers and LiDAR. Mr. Wilson discussed the structure of the Kansas GIS initiative, LiDAR progress and examples, water rights data (WRIS), and the WIZARD database, which measures water levels, and provided examples of GIS-based data and applications.

Mr. Wilson stated that Kansas does not have a comprehensive, single source inventory of freshwater wells and a possible solution would be to create a master groundwater well inventory to index the independent well databases into a single accessible source.

Mr. Wilson took questions from the Committee.

Chairperson McGinn brought the minutes from February 11 and 12 to the Committee for approval. <u>Senator Lee made a motion to approve the minutes.</u> <u>Senator Teichman seconded the motion.</u> The motion carried.

The next meeting is scheduled for March 4, 2010.

The meeting was adjourned at 9:13 a.m.

SENATE NATURAL RESOURCES COMMITTEE

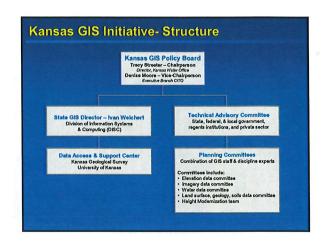
Guest Roster

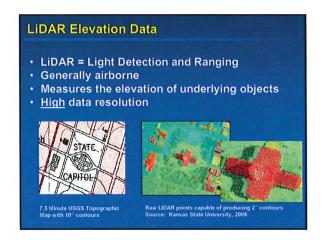
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Levi Henry Earl Lewis	1360
Leigh Keck	Hein Law firm
Brownie Wilson	Kansas Geological Soney
Paul Grayes	Kansas Gewlosia Some Kansas Dept. of Agriculture Pringer, Smith + Assac. KLA
Ashley Domita	Pinegar Smith + Assec.
John Jorley	KLA
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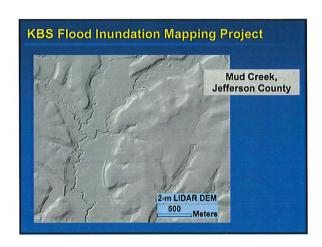


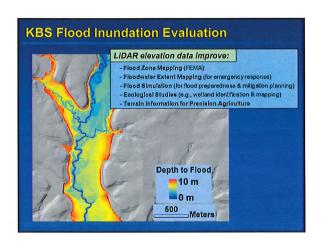


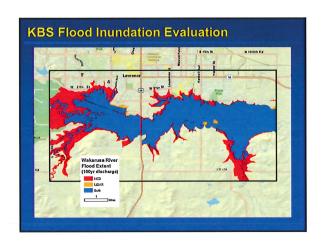


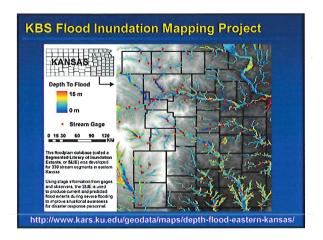


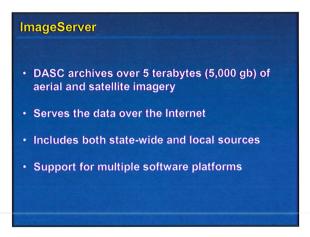
LiDAR- Application Example Kansas Biological Survey's (KBS) Flood Inundation Mapping Project Identifies flood prone areas based on river flood stages and land surface elevation Not intended to replace traditional surveying methods For more information contact Jude Kastens at jkastens@ku.edu

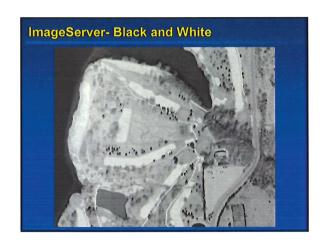










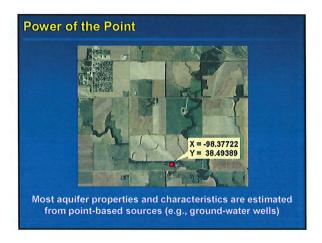


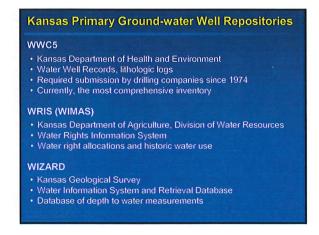


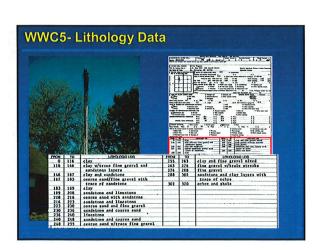


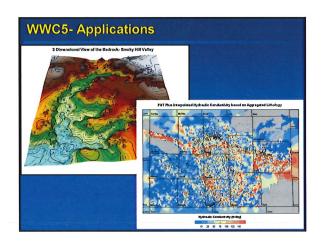


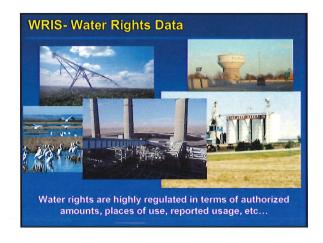


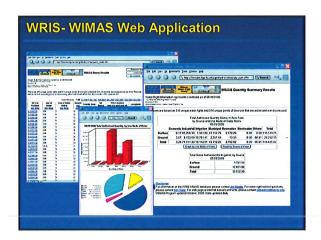


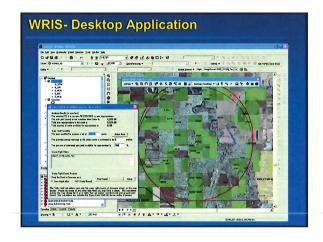


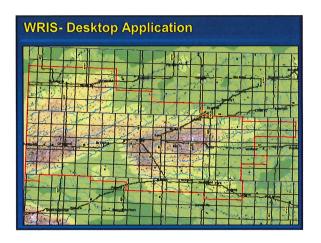






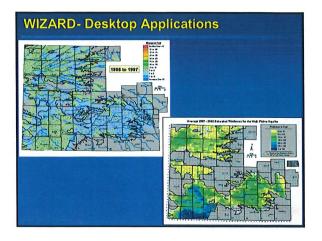












Kansas does not have a comprehensive, single-source inventory of freshwater wells in the state.

State, Local, and Federal agencies independently maintain their own databases
Each database is attributed with information relevant to the agencies' mission and responsibilities
Single well locations are replicated across databases without coordination

