

GIS Council Meeting Minutes

May 2, 2012
1:00 p.m. – 3:30 p.m.

Meeting Location:
Nebraska Department of Roads - Main Auditorium
1500 Nebraska Hwy 2, Lincoln Nebraska



GIS Council • Nebraska Information Technology Commission

Meeting Summary

GIS Council Member Presentation A presentation was provided by Mike Hybl, GIS Council Member and Don Gray about the Public Service Commission and the Nebraska Broadband Map Project. <http://broadband.nebraska.gov>

Working Group Reports and Discussions The NebraskaMAP working group will split into two subgroups – one to focus on technical aspects and the other on policy and data sharing. The Public records laws for Nebraska was introduced as a resource for data sharing. Other methods are being explored on data sharing agreements at various levels of data usage. The working group is currently working on creating a repository list of data to begin feeding into NebraskaMAP. The Street Centerline-Address group met for the first time as a small group consisting of DOR, State Patrol and Public Service Commission. Rose Braun was introduced as the spokesperson. The goal is to eventually build a seamless street centerline address system for Nebraska. The group is currently identifying key spatial and attribute data requirements for use across key state agencies. These will be compared at the next meeting and begin to outline a draft data model. Additional agencies and interested local and city governments will be included for further discussions and addressing workflows for data generation and maintenance issues. The land records group has started working on a geodatabase template designed by ESRI for land records as a start. They are deciphering attribute information and their definitions. A data dictionary will also be developed to assist in the translation and will eventually prove useful in user adoption and interpretation aspects to the data. Other agencies will be asked to participate to further define the land records data model. The imagery working group is working on several tasks. They are identifying needs for a statewide imagery program and starting areas of prioritization that could involve the I-80 corridor and main water resource areas in the state. Ideas are being discussed to hold an education awareness seminar to state agencies on imagery in the coming year. It was identified by the group to begin developing an imagery resources directory for data sharing. The OCIO office has developed electronic listserv to aid the working groups in electronic communications. The office is also working to develop an internal document sharing and collaboration web site for working group members.

Updates from Member Agencies Various agencies provided specific updates about new and ongoing projects. The GIS LIS Association Annual Meeting is May 22 in Norfolk at the Lifelong Learning Center. Details and registration is available at: <http://www.gislis.org/annual.html>. Several GIS Council members were in attendance and gave presentations at the MAGIC conference. Proceedings of that conference are available at: <http://www.magicgis.org/magic/symposiums/2012/programschedule.cfm> Rose Braun attended the GIS-T conference and the proceedings are posted at: <http://www.gis-t.org/>.

Status of Geodetic Advisor Role for Nebraska There are plans to regionalize the role of state NGS Geodetic Advisors across the U.S. This is to take place September 30, 2012. Rather than have state advisors, NOAA would like regionalize advisors to cover multiple states. If you have concerns or questions about this change please contact Jim Richardson. We will bring this up for discussion again at our next meeting.

Nebraska Geospatial Strategic Planning A draft strategic planning outline was presented to the Council for review. The strategic planning committee will be meeting to begin writing the actual report in the coming weeks. Another draft will be sent out prior to the next GIS Council meeting to review. If you have suggestions or changes to the outline to get those to Mr. Watermeier soon. The OCIO is working with key agency director's calendars to identify the executive seminar and a partial day workshop for GIS Council members for their input towards the strategic plan. Mr. Watermeier will send out information about dates to hold until a date is confirmed by Ms. Decker.

NIROC III Mr. Schonlau reported that the consortium met to finalize plans for the 2013 project. All jurisdictions will need to make a commitment in the coming weeks. MAPA (Metropolitan Area Planning Agency) will need to take the final recommendations to their board for approval. Once approved, the jurisdiction agreements will be worked on to be signed by end of the year. He will provide a project map for the next meeting. Other members who may be interested in the project were to contact Mr. Schonlau.

Motions

Motions Carried:

- The April 4, 2012 minutes were approved after corrections were presented.

Motions Failed:

There were no motions that failed.

I. Roll Call and Quorum

Members Present: * <i>Authorized to Vote</i>	Members Absent:
<ul style="list-style-type: none"> * <i>John Beran</i>, State Surveyor * <i>Chad Boshart</i>, NEMA/Military Dept. * <i>Karis Bowen</i>, DHHS * <i>Rose Braun</i>, Department of Roads * <i>Dick Clark</i>, Governor’s Policy Research Office * <i>Nancy Cyr</i>, Legislative Research Lash Chaffin, League of Nebraska Municipalities * Tim Cielocha, Public Power Districts * <i>Eric Herbert</i>, NACO * <i>Milda Vaitkus</i>, Conservation and Survey Div. – UNL * <i>Paul Yamamoto</i>, Dept. of Environmental Quality Jim Langtry, USGS * <i>Josh Lear</i>, Department of Natural Resources * Jeff McReynolds, Lincoln Metro Area * <i>Suzy Fredrickson</i>, Nebraska State Patrol * <i>Jim Ohmberger</i>, Office of the CIO * Mike Schonlau, Member at Large * Mike Hybl, Public Service Commission <p><i>Italicized names are designees to council seats.</i></p>	<ul style="list-style-type: none"> Mike Preston, NE Geospatial Professional Assoc. <i>Kelly Mueller</i>, NACO John Miyoshi, NE Assoc. of Resource Districts Paul Mullen, Omaha Metro Area Sudhir Ponnapan, Nebraska Game and Parks <i>Ruth Sorenson</i>, Property Tax Administrator
NITC Representatives:	Nathan Watermeier, GIS Council Coordinator; Jayne Scofield, I.T. Administrator for Network Services; and Lori Lopez Urdiales, Office Services Manager, Office of the CIO
Public Visitors:	Michael Munson, Neb. Dept. of Roads; Dan Erker, InfoGroup; Jack Dohrman, GIS Workshop; Karin Callahan, UNL CALMIT

I-III. General Meeting Formalities (continued)

Roll Call and Quorum	The Chair, Mr. Ohmberger, called the meeting to order at 1:05 p.m. There were 16 members present at the time of roll call. A quorum (greater than 50% of voting members) existed to conduct official business.
Introduction of Audience Attendees	Public visitors were welcomed and were asked to introduce themselves if they wished. Visitors who wished to identify themselves as attending the meeting were to sign the visitor log and their name and affiliation would be reported in the minutes.
Public Meetings Regulations and Posting of the Same	The meeting notice was posted to the Nebraska Public Meeting Calendar on January 4, 2012. The meeting agenda was posted on the GIS Council website April 23, 2012. The Nebraska Open Meetings Act information was posted in the room for interested persons to review.

<p>Approval of Minutes from Previous Meeting</p>	<p>The Chair, Mr. Ohmberger asked if there were any suggested changes or clarifications to the previous meeting’s minutes. There was a correction to the Department of Roads Agency Report. It should read, “The agency is thankful that the federal government has extended the transportation bill to the end of June.” Motion: Mr. McReynolds moved to approve the April 4, 2012 minutes with the noted corrections. Mr. Hybl seconded. Roll call vote: Ohmberger-Yes, Braun-Yes, Vaitkus-Yes, Bowen-Yes, Clark- Yes, Boshart-Abstained, Beran-Yes, Fredrickson-Yes, Hybl-Yes, Cielocha-Yes, Herbert-Yes, Chaffin-Yes, Lear-Yes, McReynolds-Yes, Yamamoto-Yes, Schonlau-Yes, Cyr-Yes, and Langtry-Yes. Results: Yes-17, No-0, Abstain-1. Motion carried.</p>
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IV. GIS Council Member Presentation

<p>DISCUSSION</p>	<p>Mike Hybl and Don Gray from the Public Service Commission (PSC) provided the member presentation for the May meeting. The presentation is located at http://nitc.ne.gov/gisc/mtgs/docs/5-2-12/GISCouncilPSC52012.pdf</p> <p>An online demonstration of the Nebraska Broadband Map project was provided. The following are the web resource links shared: http://broadband.nebraska.gov; https://nebb.broadmap.com/StateMap/; and http://www.broadbandmap.gov/.</p> <p>Some of the new enhanced features include:</p> <ul style="list-style-type: none"> • Bookmarks and cookies • Search options • Customer feedback function (e.g. how clients feel about the service offered by providers). The Public Service Commission and the provider will receive email that feedback has been received and that follow-ups will be made to requester. • Help button will provide definitions of information • A tutorial is available to learn how to use the various tools. <p>Information regarding speed and pricing are not included on website due to constantly changing.</p> <p>The question was raised as to whether the non-participating providers are interested in participating now with the new update. The PSC is getting more providers who are willing to share their data. The PSC will continue to meet non-participating providers to encourage their involvement. It was suggested that NebraskaMAP would be a good hosting source for this information in the future. Mr. Gray commented that it would certainly be worth discussing.</p> <p>Save the date informational cards were distributed for the 2012 Broadband Connecting Nebraska Conference (http://broadband.nebraska.gov/web/nebroadband/conference), October 2, 2012, in Lincoln. The keynote speaker is Vint Cerf, Google Vice President and Chief Internet Evangelist.</p>
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V. Working Group Reports and Discussions

<p>DISCUSSION</p>	<p>Nebraska Geospatial Data Sharing and Web Services Network - NebraskaMAP (Jeff McReynolds). Mr. McReynolds did not attend the last meeting but reported that the Work Group will split in two subgroups – one subgroup would focus on technical aspects and the other on policy and data sharing. Members interested in serving on either group were to contact either Mr. McReynolds or Mr. Watermeier. Mr. Watermeier reported that the Work Group met on April 17th. The statutes regarding Nebraska Public Records Law are on the Attorney General’s website at: http://www.ago.ne.gov/public_records/public_records_statutes. The group reviewed current statutes regarding data sharing of public records. The statute defines what records can and cannot be shared, as well as what expenses are permissible to obtain public information. There are cases where private information such as social security numbers, personal health records, student records, and other investigative information is protected. In many states, there are several models to use memorandum of understanding and data sharing agreements to arrange for different types of data to be shared at specific levels. The next task of the working group is to review the various levels of data assigned to</p>
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NebraskaMAP. A starting point is the A data matrix has been sent to Work Group members to use. It includes cataloging the current data and will also be used as a guide for identifying ideal resolution and spatial context for the data. This worksheet also coincides with the Nebraska Spatial Data Infrastructure framework as part of the strategic plan. Eventually, it will go towards a business plan. The OCIO office has developed some preliminary cost recovery metrics for future maintenance and use of NebraskaMAP. The OCIO will be inviting agencies to get their input in the coming months. Mr. McReynolds mentioned that the city of Lincoln and Lancaster county government are holding the same discussions.

Street Centerline-Address Database (Rose Braun). The Work Group met on April 26th at the Public Service Commission. In addition to Ms. Braun, other members present were Suzy Fredrickson, Jason Arensdorf and Elliot Wood of the State Patrol; Mike Hybl and Sue Vanicek of the Public Service Commission; and Nathan Watermeier of the OCIO. The Work Group discussed the current status of work in Nebraska as it related to the transportation layer and as it related to addressing for Nebraska. The Public Service Commission funds the 911 centers for maintenance to the centerlines. The State Patrol is meeting with GIS Workshop to create a statewide base map. The Department of Roads is proceeding with their process of creating statewide local street centerlines. All three agencies have been assigned the task of sending Mr. Watermeier their spatial requirements and their required attributes. Mr. Watermeier has done some research with other state’s progress with street addressing. He discovered that 70% of State DOT’s do not require the addressing portion of the workflow for street centerline addressing. Several transportation departments are using street addresses for business purposes like Right of Way notification, project awareness and public forums in the vicinity of large projects. At some point in the near future, other agencies will be invited to the group to share their street centerline/addressing needs. The Work Group is not ready to give the GIS Council any recommendations at this time. The next meeting will be later during the month of May.

Land Records (Eric Herbert). The Work Group met on April 10th. The ESRI geodatabase template was reviewed and discussed for land records. The Work Group determined that modifications need to be made to the existing land records data model. A geodatabase dictionary is needed to decipher the various data fields. After reviewing the model, the Work Group developed a list of action items including modification of the model and review and development of an attribute dictionary. Questions will be posed to the various state department agencies on their inclusion of attribute information for their use. Another action item is to help facilitate communication when translating the dictionary into something that is easy to understand by users. After moving from the technical portion of identifying the appropriate data model and methodology for spatial creation/maintenance of data, there will be a need to involve the GIS Council and policy makers. The Work Group hopes to meet again by the end of the month.

Imagery (Mike Schonlau). The Work Group met April 10th and focused discussion on the five goals identified by the Work Group. An update was provided on the NIROC project and the USDA NAIP project. The USDA NAIP project will be doing 1 meter resolution this summer. There was good discussion of potential acquisition of imagery projects for Nebraska. The group talked about focusing on I-80 corridor and other key water resource areas of the state rather than try to do the whole state. This keeps it a more manageable project. Other ideas included to hold an imagery workshop targeted at any agency that uses imagery in the state. This would be an educational tool to make them aware of imagery projects and to spur interest in financial assistance for future projects. There was discussion about doing an imagery resources directory for data sharing. Douglas and Sarpy County have shared their imagery with ESRI. The counties have been considering sending their data to Google and Bing and exploring what this would entail. Further discussion was tabled for the next meeting. The next meeting will be scheduled in the near future.

The OCIO has developed electronic listservs for the Work Groups as a means for communicating information back and forth among working group members. The OCIO is also working on a document sharing intranet site open to GIS Council members that will include the various Working Group notes.

ACTION ITEMS	RESPONSIBILITY	TIMELINE / DEADLINE
Set next working group meetings	Working Group Spokespersons	June 6, 2012
Send out latest meeting notes via working group listservs	Working Group Spokespersons	June 6, 2012

VI. Updates From Member Agencies

COMMENTS

The following agencies provided updates.

Nebraska State Patrol, Suzy Fredrickson. The agency is currently identifying priority mapping projects, data sources, and information to contain or not to contain in the data models. This also includes applications needing statewide mapping solutions. The Fusion Center has several projects including SRC Roll Call and MOC that they will be addressing. They are preparing for a demonstration by the end of the year for their CAD system for dispatchers. We are involved with the Street Centerline Address Working Group and will work towards goals of that group.

Nebraska Public Power District, Tim Cielocha. The Nebraska Public Power District site selection web site went live a couple of weeks ago. The map portion is not working at this point. Data sharing is occurring with Buffalo County for emergency management. NPPD is experimenting with using mobile iPads to access applications.

Omaha Metro, Mike Schonlau. Mr. Schonlau attended MAGIC and was also a presenter for 3 sessions. Douglas is focused on various mobile applications and GIS. Douglas and Sarpy Counties have started planning for new 911 CAD System. Mr. Watermeier attended Mr. Schonlau's session on the Cloud and recommended that he present the session to the GIS Council as well in the future.

Department of Environmental Quality, Paul Yamamoto. The agency has been dealing with the pipeline data coming in from TransCanada. There are 105 different layers of data. It is too early to determine what role GIS will play internally in the routing and use of evaluation of the pipeline in regarding to creating data sets. All data is public records and are on the agency's ECM site which has a search option. Nebraska's Keystone XL Pipeline Evaluation web site: <https://ecmp.nebraska.gov/deq-seis/> The agency has started the project of moving ARC IMS to ArcGIS. It is anticipated that within the next couple of months, a new website will be launched when services are available.

State Surveyor, John Beran. There were no new agency projects to report. Mr. Beran attended his first MAGIC conference. He found the IGNITE presentations to be very helpful. After attending MAGIC, he is more impressed with the Nebraska Symposium.

USGS, Jim Langtry. Mr. Langtry serves on the planning committee for the MAGIC Conference. A project showcase was presented on a 42" monitor in the exhibit area. All workshops and breakout sessions were all well attended. Two 42" monitors that were won by Nebraska participants. USGS is working on LIDAR info for Nebraska. The 2010 LIDAR information will be arriving soon and the 2011 LIDAR information should also be available. Nebraska has approximately 44% coverage. The National Enhanced Elevation Project Report has been released and he will share the link with members. The report recommended is for a level two project that consists of 1-2 foot contours. Nebraska has done a level 3 project. The cost of an 8-year rotating program is \$146 million annual cost but it would have 58% coverage. It is estimated that \$36 million would come from the states but will need to what happens with agency budgets. A \$1 billion in cost would bring \$1 million savings if states contribute and share.

Nebraska Association of County Officials, Eric Herbert. Sarpy County is drafting an RFP for migration to the new 911 CAD system. A major overhaul involves two counties so we will need lots of planning. The county will be establishing a User's Group for developers in the Metro area. Within the past month, Sarpy County went live with an election polling place so residents can find their new polling place. Public Works Department wants to equip their trucks with automatic vehicle location (AVL) system. Mr. Herbert also attended the MAGIC Conference and gave a presentation on using Java Script APIs.

Conservation and Survey Division. An RFP will come out in May to develop a protected area data base.

Governors Policy Research. Mr. Clark reported that LB14 passed. This bill addresses a change in fees received by register of deeds, county clerks, district court clerks, and the Secretary of State. There is no clear definition of what the additional fees will be used for. It is not determined if there is any relevance to any future GIS efforts of this Council and further exploration will be needed.

Department of Health and Human Services, Karis Bowen. Training has begun for the cancer collaboration projects mentioned at last month’s meeting. Gin Le presented a session at MAGIC on, “Build and Connect Geocoding Web Services from State and Local Governments”. Jeff McReynolds also contributed to the presentation.

Department of Roads, Rose Braun. The GIS-T Conference was held April 16-18 in Loveland, Colorado. Some of the important session topics this year were the Cloud, Mobile Apps, Field Data Collection and Asset Management. The final program and all the presentation are online under proceedings at <http://www.gis-t.org/>. This was the 25th anniversary of the GIS-T Conferences and was the first year that the conference was hosted by a State DOT in conjunction with a county. There were several county related sessions this year. Next year, the AASHTO (American Association of State Highway and Transportation Officials) GIS-T conference will be combined with ASIS (AASHTO Subcommittee on Information Systems). ASIS is comprised of State CIO’s.

Public Service Commission, Mike Hybl. The agency has been working on the broadband map project. During the next couple of weeks, the agency will be meeting with the vendor regarding data sets. The broadband map has been presented whenever the opportunity presents itself. In three weeks, Mr. Hybl will be attending a conference in Washington, DC to discuss sustainability of the mapping project in 2 ½ years when funding is no longer available.

Nebraska Emergency Management Agency, Chad Boshart. The agency has been supporting weekly disaster inspection teams and gearing up for storm season. There will be a nuclear plant exercise coming up in June. He also attended the MAGIC Conference and found it helpful that the session materials were printed and bound make note taking easier.

Lincoln Metro, Jeff McReynolds. Mr. McReynolds attended the MAGIC Conference and concurred with other members regarding the Nebraska GIS Symposium. There were a lot of sessions on LIDAR, as well as street addressing and the national census effort. Tony Spicci, of Missouri Conservation Agency, is a NSGIC contact for national addressing effort. The Nebraska GIS/LIS annual meeting is scheduled for May 22nd in Norfolk at the Life Long Learning Center. The registration deadline is Friday, May 4. Information can be found at: <http://www.gislis.org/annual.html>. Lincoln/Lancaster County still working on the AVL, asset management, snow plow operations, and document management projects. An agreement has been signed with Office of the CIO and the City to develop and ECM project for document management. New projects include infrastructure planning for the City of Lincoln and creating a catalog of GIS Services and costs. The City is also in process of upgrading their E911 CAD application.

VII. Status of Geodetic Advisor Role for Nebraska

DISCUSSION	Jim Richardson is currently the Geodetic Advisor liaison to NGS in cooperation with NDOR. The role of Geodetic Advisors across the US will change as of September 30 th . Many of the advisors will be regionalized. Rather than have each state have an advisor, NOAA would like to have regional advisors. NOAA is collecting responses and Mr. Richardson would like input from the GIS Council regarding the need for his role in the state. Mr. Watermeier will get information out to GIS Council members with more clarification and specifics to this issue.
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ACTION ITEMS	RESPONSIBILITY	TIMELINE / DEADLINE
Send out information to GIS Council members for input on needs/uses of Geodetic advisor role in Nebraska.	GIS Coordinator / GIS Council Members	June 6, 2012

VIII. Nebraska Geospatial Strategic Planning

DISCUSSION	Nebraska Geospatial Strategic Plan Outline. Members were given a first draft outline of the Geospatial Strategic Plan. Mr. Watermeier will send the document electronically for members' editorial feedback. Mr. Watermeier thanked members who provided input on the mission, vision and goals during the past several weeks. The planning committee will be meeting next week to begin adding more detail to the outline and begin drafting the actual report. There is time for members to provide feedback. The project ends in June and they will need to get any suggestions brought forward in the coming weeks. The OCIO is working with key agency director's calendars to identify the executive seminar and a partial day workshop for GIS Council members for their input towards the strategic plan. Mr. Watermeier will send out information about dates to hold until a date is confirmed by Ms. Decker.	
ACTION ITEMS	RESPONSIBILITY	TIMELINE / DEADLINE
Strategic Planning outline comments back to committee.	GIS Council Members	June 6, 2012

IX. NIROC III		
COMMENTS	Mr. Schonlau reported that the consortium met to finalize plans for the 2013 project. All jurisdictions will need to make a commitment in the coming weeks. MAPA (Metropolitan Area Planning Agency) will need to take the final recommendations to their board for approval. Once approved, the jurisdiction agreements will be worked on to be signed by end of the year. He will provide a project map for the next meeting. Other members who may be interested in the project were to contact Mr. Schonlau.	
ACTION ITEMS	RESPONSIBILITY	TIMELINE / DEADLINE
Identify interest in participating in NIROC III	GIS Council Members	ASAP
Provide update on status of NIROC III at next GIS Council Meeting	Mr. Schonlau	June 6, 2012

X. Invitation for Public Comment from Attendees		
COMMENTS	Mike Munson from the Department of Road's Bridge Division attended the MAGIC conference and had an opportunity to network with others in his area. He participated in several Python and model builder short courses. He found resources to help work with county superintendents and with his state bridge data and found ways to reference LIDAR and software systems to aid his work. He concurred that the Nebraska GIS Symposium was more informative.	
	There were no other public comments from other attendees.	

Meeting Conclusion	
Adjournment	Mr. Clark moved to adjourn. Mr. Schonlau seconded. All were in favor. The meeting ended at 3:05 p.m.
Next Meeting	The next meeting will be June 6, 2012, 1:00-3:30 p.m. at the Nebraska Department of Roads - Main Auditorium, 1500 Nebraska Hwy 2, Lincoln Nebraska.

Meeting minutes were taken by Lori Lopez Urdiales and reviewed by Nathan Watermeier of the Office of the CIO/NITC.