

MnGeo Committee & Workgroup Update Reports

Geocoding Workgroup

December 20, 2010

Committee or Workgroup: Geocoding - <http://www.mngeo.state.mn.us/workgroup/geocoding/>

Co-chairs: Mike Dolbow, Kent Treichel

Recent Accomplishments:

- Published Requirements Document on workgroup webpage:
http://www.mngeo.state.mn.us/workgroup/geocoding/Statewide_Geocoding_Requirements.pdf
- Decided to issue RFI for potential solutions

Recent Meetings:

Workgroup Meeting: 12/20/2010

FY 2011 Work Plan

Basic milestones below have been developed with a goal to create a report and presentation of findings to MnGeo Advisory Councils at the end of the fiscal year.

Milestone / Task	Anticipated Date	Date Finished
Basic project plan (these milestones)	6/30/10	10/1/2010
Identification of State Geocoding business needs	7/16/10	10/1/2010
Identification of standards or guidelines	10/12/10	10/11/2010
Identification of geocoding service(s) requirements	8/2/10	11/24/2010
Identification of potential benefits	8/9/10	11/24/2010
Issue RFI for potential geocoding solutions	1/31/11	
Identification of existing state costs for solution or data	2/28/11	
Identification of desired support dataset characteristics	3/15/11	
Identification and assessment of available support dataset(s)	4/30/11	
Recommendation for services to be developed or acquired	6/1/11	
Development of recommendations for follow-on projects	6/30/11	
Generation of "Report of Findings" (MnGeo AC mtg)	7/31/11	
Presentation of findings (MnGeo AC mtg)	8/31/11	

FY 2011 Meetings Held & Scheduled

All meetings held and scheduled have been for the small work team consisting of Kent Treichel, Mike Dolbow, John Wiersma, and Tim Zimmerman. The small work team has expanded by one member, Jessica Deegan from Minnesota Housing. Workgroup members can request details at any time.

July 16th, 2010

August 20th, 2010

September 23rd, 2010

October 11th, 2010

December 20th, 2010

Needs, Issues and Concerns (if any):

The workgroup is encouraged by MnGeo's efforts to pursue data practices reform to address this issue of exchanging data between government agencies. The workgroup will need MnGeo's assistance in posting the RFI for potential geocoding solutions.

Hydrography Committee

December 23, 2010

The Hydrography Committee met on December 16 at the MPCA's St. Paul office. This meeting featured a presentation on Hydrologically Correcting Lidar-Derived DEMS from Sean Vaughan of the DNR.

The Committee continues to follow the progress and status of the Digital Stormwater System Data Exchange standard:

http://www.mngeo.state.mn.us/committee/standards/stormwater/stormwater_standard.html

Committee members also continue to follow the work of the Metropolitan Council-sponsored stormwater data exchange standard pilot.

MnGeo Emergency Preparedness Committee 2nd QTR, FY2011 Report, as of December 27, 2010

1.) Activities and accomplishments during the quarter:

- Funded by \$25,000 from USGS, MnGeo staff and the EPC Data Work Group commenced work on phase two of the Minnesota Structures Collaborative. During this phase of the project, the first significant group of end users (fire chiefs) will become involved in the project.
- The EPC Education Work Group completed development of the Geospatial Emergency Management Specialist (GEMS) training profile. Documents are currently being prepared to facilitate discussions with MnGeo about a formal way forward for this effort. See also item #3 below.
- Continued work with Lake County, MN, on developing a field testing plan for USNG markers along the Yukon Trail.
- As detailed below, continued an aggressive campaign of outreach and engagement concerning GIS use in the emergency services sector:

Date	Event	Location	Type	Participants
October 13	Lake County Emergency Management	Two Harbors, MN	Speaking	Swazee
October 14-15	MN GIS/LIS Consortium Conference	Duluth, MN	Table and Speaking	Swazee, Givens, Hoshal, Knippel, Basques (1)
November 9	Stillwater Lutheran Men's Group	Stillwater, MN	Speaking	Swazee
November 15	Lake County USNG Location Marker Meeting	Two Harbors, MN	Coordination	Swazee, Basques
December 7	GITA – Japan	Tokyo, Japan	Speaking	Swazee

2.) Meetings held/scheduled:

FY2011 Meetings Held	Event Link
September 9	http://www.gda.state.mn.us/WebCalendar/view_entry.php?id=7588
December 9	http://www.gda.state.mn.us/WebCalendar/view_entry.php?id=7488
FY2011 Meetings Scheduled	Event Link
March 3	http://www.gda.state.mn.us/WebCalendar/view_entry.php?id=7590
June 9	http://www.gda.state.mn.us/WebCalendar/view_entry.php?id=7591
Notes:	
1.) Events listed above are the EPC's formal quarterly meetings. The EPC's Steering Committee and five work groups hold separate meetings in support of their respective efforts.	
2.) Every effort is made to make EPC quarterly meetings available to greater Minnesota through use of teleconferencing and a web enabled presentation screen.	

3.) Additional information or issues that need to be addressed:

- In close coordination with MnGeo, anticipate working with the Geospatial Information and Technology Association to formalize GEMS as a national program. FEMA's Emergency Management Institute has requested a briefing on the effort during the first half of February 2011.
- At the GITA-Japan annual meeting at the University of Tokyo, EPC Chair Swazee provided a 30 minute presentation on the MnGeo Emergency Preparedness Committee. Through interpreter services provided to EPC Chair Swazee, a number of significant Japanese geospatial developments were gleaned from presentations delivered by other participants. See attachment.

Some Bullets From Japan (I think...)

- Quasi-Zenith Satellite (QZS-GPS) System will drive GPS accuracy down to sub-meter (1 centimeter is the goal). In place by 2013 – Japan only.
- Honda Motor Company
 - Internav Premium Club – 1.0 million current “test” users.
 - Car’s location and speed transmits every five minutes via cell phone data connection (bluetooth to car). Location and speed of others is received and displayed.
 - Goal is onboard sensors, continuous update, creating real time onboard COP. An approach that mirrors parts of modern aviation industry. Will sell data to government for public safety use and traffic management.
- Yahoo! Japan: Yahoo Open Local Platform – social network mapping
- Japanese IT ministry:
 - Goal is to significantly exceed U.S. web access capabilities by 2013
 - QR coding being deployed everywhere (e.g. every landmark house in Kyoto)
 - **NATIONAL POLICY OF K-12 GIS TRAINING AND EDUCATION in response to rapidly evolving capabilities – citizenry needs to be educated to use!!!!!!**
 - GPS navigation to be seamless outdoor to indoor, horizontal and vertical