

June AIMS Coordinators Meeting – Meeting Notes

Date: June 9, 2011

Hosted by: City of Lenexa – Tony Perkins

Announcements:

- Brian Hiller of ESRI reminded the audience of next week's meeting regarding new features in ArcGIS 10 and parcel editing.

On June 15th Esri and Jackson County, Missouri will be hosting a free half day seminar to discuss best practices for managing land records with ArcGIS 10. If you have not had a chance to learn about the new functionality that is built into ArcGIS 10 for managing land records, this event will be a perfect opportunity to do so. If you want to learn more or if you want to register for the seminar:

<http://events.esri.com/info/index.cfm?fuseaction=showSeminar&shownumber=14693>

- The next ArcInfo user group's meeting will be held at the Deffenbaugh Administrative offices on July 19th.
- ESRI User Conference is July 11-15, San Diego California.
- There will be no July AIMS Coordinators meeting due to the ESRI UC, but AIMS will hold a Utility Focus Group in lieu of the normal meeting. Please contact Traci Robinson at AIMS if you have an interest in attending the Focus Group.

Agenda:

Jeremy Bixby led off the meeting with a demonstration of the City of Lenexa's web mapping applications. The first application shown was the "Fire Response Metrics Map" which tracks recent fire events and call response times.

<http://maps.lenexa.com/firemap/firemetricmap.html>

Jeremy showed a refresh of the Lenexa Community Development Map that had added new layers for Lenexa cell towers and licensed in-home day care centers. Currently the map is only available for internal use.

Lastly, Jeremy showed the Green Infrastructure Tour (map). Green infrastructure is the interconnected network of open spaces and natural systems that manages stormwater, reduces the risk of floods, captures pollution and improves water quality.

<http://maps.lenexa.com/greeninfrastructure/greeninfrastructuretour.html>

Jeremy then discussed Lenexa's ArcGIS 10 migration and their use of Windows Group Policy to migrate user's SDE connections and to push service packs with custom .mst files and Microsoft's ORCA technology.

This led to a discussion on the county's plans to migrate to ArcSDE 10. Due to nightly publishing tasks all of the county's ArcSDE databases will need to be migrated at the same time. The county is still working through some individual dependencies on ArcSDE 9.3.1, but is hopeful to have a plan in place to be upgraded by the end of the year. It was noted, that ArcSDE is not a requirement to upgrade ArcGIS Desktop or ArcGIS Server to version 10.0.

Finally, Jeremy discussed Lenexa's mobile computing strategy. Lenexa has adopted Apple's iPhone and iPad as their primary mobile technology. Jeremy explained that implementation of mobile applications has been slow due to difficulties integrating into their back end application and database infrastructure. Lenexa is testing ArcGIS Server 10 and SharePoint 2010 integration as a possible replacement to their numerous map viewer applications that are still served by ArcIMS. If that is not successful they will also be looking at ESRI's Silverlight client to replace those map viewer applications.

Next, Tom Audley gave a demonstration of the "ITPipes" software that was just purchased to help with asset management for stormwater infrastructure and tracking of condition assessment.

<http://www.itpipes.com/mappinggis/>

Kirk Eidson then discussed how GIS was utilized in developing Lenexa's Parks Master Plan. The GIS department was asked to create an inventory of parks, playgrounds, equipment, tennis courts, etc. by reviewing existing data and manually searching for points relevant to private facilities like private health clubs and subdivision pools. A basemap was created with this data along with utilizing population and demographic analysis from 2010 Census data and ESRI's Business Analysis Online. A service area analysis was performed using ESRI's Network Analyst to do a need's assessment and prioritize those areas identified as being underserved.

Finally there was some discussion about 2010 Census data and it was noted there would be a second release of data in mid to late summer.