

AIMS Coordinators Meeting Minutes

March 8, 2012

Host: AIMS

Location: Johnson County Admin Building

2011 Changes

- Upgrades to applications
 - Location Services on the county home page
 - JCLR updated to a newer style
 - IMS updated to a newer style
- Publishing without locks
 - We are now publishing property without having to worry about locks
- Migration to ArcGIS 10
 - We identified enhancements to editing capability
 - Server provided several capability enhancements
- Owner name is now being displayed to the public on the IMS

2011 Collaboration

- Future Landuse
 - Shannon worked with David Peel to merge data
 - The northeast cities and De Soto have been identified as current holes in the data
- Home Owners Association
 - Recorded documents were queried to produce a feature class. This identifies areas that have had documents filed for a home owner association. It does not necessarily guarantee that this HOA is still active.
 - Doug Johnson iterated that the cities would like to have a closer relationship with HOAs, but there is no legal connection between HOAs and the cities
 - Doug also suggested registering the HOA with mass notification systems to provide a better means of contacting residents
- Asset Management
 - Peter has presented several times on the collaboration with JCW to incorporate their Lucity values. JCW has used this collaboration in determining the probability of pipe failure in areas.
- Parks Encroachment
 - This particular effort did not see much action in 2011 but the April Coordinators Meeting will have a Parks and Natural Resources focus, so this could be a topic of discussion at that time.
- Mobile Apps
 - AIMS isn't pursuing individual device applications at this point because we haven't identified the specific need. Shawnee recently purchased a number of wifi enabled tablets. Lenexa has purchased 3G plans for their tablets.

2012 Plans

- The old IMS is dead. Long live MapObjects.
 - After 10+ years of effective use AIMS will be shutting off the MapObjects based IMS application this year.
- Shapefile publishing is terminal.
 - AIMS would like to move towards limiting or eliminating shapefile publishing in the future.
- AIMS will begin to look at other older applications that need updating, such as DDR, etc.

- Jerry let everyone know that officially AIMS is no longer a department and was a part of the merger of AIMS, Oracle and ITS into the Department of Technology and Innovation (DTI)
- AIMS is working on new imagery and obliques
 - The county is being used as the pilot project for imagery and we may see imagery as soon as mid-April
- The new imagery will allow Planimetric updates to occur earlier
- Lidar is currently being flown and we should expect new elevations in mid to late May
- Z parcels were part of the discussion at the March meeting and we are keeping that on our agenda for the year. RTA is currently seeking replacement for Tom Audley's vacant position and are concentrating on the migration to Manatron, so this effort will likely be pushed to a later date.
- Population models are being updated to reflect the 2010 Census data
- AIMS is looking at upgrades to ArcGIS 10.1, SQL Server 2012, FME 2012 and Python 2.7

Michael Schonlau – Douglas County NE/City of Omaha GIS Director

- Michael presented an overview of operations in Omaha
- They are a joint department providing services to both the City of Omaha and Douglas County
- Douglas County is dominated by Omaha as the only large city, covering 50% of the county
- The county/city has been doing GIS since 1993
 - The first 12+ years of their existence was heavily focused on building data
- They have a small core GIS group with SMEs in individual departments
- DOCO has moved their entire web operation to the Amazon cloud
 - The county struggled with IT infrastructure and have seen much better reliability from the cloud infrastructure
 - Their SDE database is replicated to the cloud
 - Data editing is still handled on internal servers
 - Michael will be presenting a hands-on workshop at MAGIC for cloud deployment and will be presenting on DOCO's experience with cloud computing
- The county is a heavy user of Cityworks
- Applications – DOCO outsources all application development
 - Lead Database – Omaha is the largest lead superfund in the country and there has been considerable work involved in mapping lead contamination and rehabilitation
 - Project Coordinator – developed to help with communication between various utility companies to better coordinate projects
 - Snow App – snow removal is the biggest political issue in Omaha and DOCO has spent a considerable amount of time developing this application. They focused on keeping it simple to use and fast. There has been considerable acceptance of the application in the Public Works community and throughout the county
 - Common Operating Picture – they are developing an application for Emergency Management to coordinate multi-county information into one application for disaster preparedness
 - reEnergize – an energy efficiency application
- Future emphasis for the county
 - Expand use of browser based applications
 - Leverage their investment in the scalable cloud architecture
 - Mobile development
 - Increasing high level awareness of GIS in other departments and with decision makers
- Mike's presentation slides can be viewed here:
<http://aims.jocogov.org/resources/mtgnotes/presentations/2012/Mar/Schonlau.pdf>

