

AIMS Coordinators Meeting Minutes

February 16, 2006

Hosted by Johnson County AIMS

Johnson County Administration Building

Announcements

The next AIMS coordinators meeting is scheduled for March 16th 2006 at a location to be announced.

Plans for 2006: The Road Ahead for GIS within the AIMS Coordinator Organizations

- City of Shawnee, Doug Hemsath
 - Will be working on new datasets to support Pavement Management which is currently being tracked through GBA software.
 - Have created a sidewalks line layer as well as points. The next step is to check the compliance of the ramps at the nodes of this line layer.
 - Interested in using Networking on sidewalks.
 - Several of the cities are going to need to keep sidewalks up to date. Collaborate on how this can be maintained.
 - They hope to complete their stormwater datasets by the end of this year. Peridian Group is handling the survey and has currently completed 50% of the city.
 - Other things they will be working on are:
 - Updates/Improvements to Arc Publisher application
 - Support for new Intergraph application for Computer Aided Dispatch
 - They may be hiring a summer intern to assist in some of the cleanup and completion of their other datasets.
- Olathe School District, Chris Grallap
 - Digitizing school floor plans – This adds to public safety, but they mainly use the information for capacity planning.
 - Working with AIMS for implementation of a school locator web application. (i.e., allows the user to enter in an address and get back which schools they would attend.)
 - Update to 9.x software.
 - Also going to update the static maps on the Olathe School District website.
- De Soto School District, Jack Deyoe
 - Working with AIMS on a school locator web application.
 - Redistricting will also be done due to two new schools opening in the fall of 2007.
- WaterOne, Tom Price
 - Buy new servers to set up a staging environment
 - Clean up Geometric Network

- Taking baby steps to migrate from ArcGIS 8.3 to ArcGIS 9.x because they are integrated with SAP.
- Possibly buying Impress which will integrate SAP with ArcGIS.
- Looking at ArcGIS Server and its potential uses.
- Enhancement to Arc IMS applications
- Integration of SCADA system and GIS
- Potential of updating their datasets by capturing GPS coordinates
- Hiring 1 new person
- Investigating the potential uses of ArcGIS Engine
- Mapping in the field is going really well, and has increased the quality of their data as they are more easily able to find errors.
- Investigating use of Miner & Miner software.
- Johnson County Stormwater, Andy Sauer
 - 2002 Effective floodplains are on the Johnson County Online Mapping Application with disclaimers as this is not “official” FEMA data. The paper flood plain maps are the source of the “official” information.
 - Pushing new flood plain studies through the FEMA approval process. Hope to have these incorporated by the end of 2007.
 - These will need to be updated based on new LOMR (Letter of Map Revision) data. They are working on the best ways to track this information.
 - Stream Asset Inventory
 - Working on an ordinance for stream buffers which is currently being reviewed by the Johnson County Legal department.
 - This new ordinance is going to be administered through Johnson County Planning and their Zoning ordinances.
 - Hoping for board approval for the new ordinance in June.
 - There were field evaluations taken at 126 locations
 - Natural Resources Inventory (headed by the Mid America Regional Council) that identified critical Natural Resource Areas
 - Looking at putting critical Floodplain information into a myAIMS application for smaller cities and users who understand floodplain data.
 - Update contour information to have 2’ contours based on new LIDAR data to be flown this spring.
 - Would like to put together a complete and fully connected hydrological network so that more analysis can be done. (Such as true hydrological traces.)
 - Enhance the Stormwatch website to include more mapping and analysis components. This site displays all the rain gauge data for the KC metro area.
 - De Soto may have GPS’ed their inlets thru a SMAC grant.
 - Interested in looking at digital submittal standards through APWA
- City of Garder, Eric Pollom
 - They use myAIMS heavily
 - Have 2 staff that use GIS, but no dedicated GIS personnel, and others that are more CAD based

- Migrating to from 3.x to ArcGIS 9.x
- Have a lot of CAD data that they need to convert to ESRI formats.
- Will be doing some digitizing of paper maps, as well as filling out attribute information
- Plan to bring staff into GIS through Arc Publisher and Arc Explorer
- Need to go through historic zoning changes to update the zoning dataset
- Update community development
- Want to develop/have AIMS put together a county wide economic development/benefit district layer
- Looking into more coordination with Engineers and GIS staff
- Trying to get more staff proficient in GIS.
- City of Lenexa, Scott Smith
 - Migrating to Arc 9.1 and SDE
 - Planning has funds to purchase some new permitting software so they may be implementing that this year or next
 - They have a new address person (Andrea Kaufman) that will be doing all the assigning and editing.
 - Economic development mapping (has been hard to keep going in the past due to staff turnover in that department)
 - Will be fully GASB34 compliant very soon
 - Working on getting public and private stormwater information (complete in spring hopefully), then will be migrating that to SDE
 - Zoning data is now in SDE
- City of Olathe, Maggie Book and Scott Rice
 - Have been linking non-GIS data into GIS such as:
 - building permits
 - Cartegraph data
 - Citizen feedback information
 - Started a high school intern program to give high school students more applied exposure.
 - Parks inventory project and sidewalk data
 - More IMS sites are planned, they currently have 14 mostly intranet sites supporting several departments
 - Recently rebuilt SDE server with a single database model
 - Now ArcIMS and ArcSDE are running on separate servers so the performance has improved
 - Mostly running python scripts for their data publishing operations.
 - Purchased ArcServer and are looking at some possible field applications that would allow for instant updates and updated information display
 - Offering Intro to ArcGIS and ArcObjects classes for a minimal fee. (Maggie and Scott are licensed ESRI instructors)
 - GPS location capture of several different features
 - Looking at getting GPS location information for vehicles (AVL).
 - Looking at digital submission standards for water and sewer information
 - Suggestion came up that AIMS might be able to help develop CAD submission standards thru APWA.

- City of Overland Park, Doug Johnson
 - Continue implementation of SDE
 - Process of repointing applications
 - Look at receiving AIMS data directly into ArcSDE
 - Looking at how they can link to 3rd party databases to show X and Y table information as if it was an ArcSDE layer.
 - This will be particularly useful for crime data and building permit information
 - Police Department deployment application
 - Deploy people and measure the effectiveness of that deployment
 - Assist in response to citizen concerns
 - Crime Matrix Tool
 - Has a GIS component but don't know much about it, so there will be some R&D done on this.
 - Bring fire department into GIS
 - Fire House Software – push to SQL Server so it is more easily accessible
 - GIS analysis tools to show potential patterns in Fire data.
 - Public Works data
 - Assist in Roughometer data capture, and analysis, as they want to analyze the effectiveness of their street maintenance.
 - Work on Stormwater connectivity above and below ground for tracing purposes.
 - Drainage point layer.
 - Public Works pilot AVL on snow plows, will require application written to process raw AVL information
- City of Springfield MO; Clay Goddard, IS director; Nathan Huggins, GIS
 - GIS is part of their Information Systems department
 - City of 150,000 with ~240 desktops to support internally
 - Working on Vector migration of a lot of layers
 - Have a policy board similar to AIMS Coordinators group that gets together to share costs on large projects
 - Includes Christian County which is the fastest growing county in Missouri.
 - Other entities include Greene County and the library board.
 - Fly imagery every 5 years, and sell the tiled information to others that are interested.
 - They are very interested in how AIMS distributes data over the web (DDR, myAIMS)
- Johnson County Appraiser, Kevin Skridulis
 - Migration to eGDB is complete
 - Working on new cartography as they produce a lot of maps
 - Investigating the possibility of producing PDF maps rather than hardcopy maps
 - Converting to a new CAMA system in May
 - Moving to the new sunset building in June

- New LBCS code will be implemented with the new CAMA system. The initial conversion will map current land use codes to the Function dimension of the LBCS.
- There is a link in the new CAMA to ArcIMS service which may reduce the need for map production.
- Looking at field units/GPS/data viewing and editing possibilities
- New ortho and oblique imagery may play a role in the amount of field work that is required
- AIMS, Steve Yoder, Jerry Swingle, Dan Steen, Peter Maynard-Moody
 - Accomplished most of what we planned to do in 2005.
 - Market and Promotion of our products and services will be a focus again
 - Newsletter
 - Training
 - Booths at conventions
 - Client visits
 - Focus groups
 - Peer Review
 - Look at other places to see what they are doing
 - Funding
 - eGov initiatives
 - is there anything that we are just missing the boat on
 - CUE (Collaborative Utility Exchange)
 - Working to get more, complete and accurate datasets
 - Ways to administer sub-contractor access
 - Usage has been increasing
 - Phase 2 is underway
 - Reporting usage/security audits
 - Metadata
 - Improve service
 - Gather CIP data to be displayed
 - Research possible preliminary plats information
 - Possible data distribution
 - Technical Infrastructure R&D & Implementation
 - We have an EDN subscription
 - Through that we have ArcGIS Server and ArcGIS Engine free to test for a year
 - We are looking for some projects that we could potentially use as pilots for this technology
 - Web Services: promote and create new
 - 9.2 implementation
 - SQL 2005/Visual Studio 2005 testing and implementation
 - Data Administration and Techniques
 - Enhance Metadata
 - Maintenance process updates
 - Address
 - Zoning

- School Districts
 - Archiving strategy enhancements to make archive data more easily accessible
 - R&D of GPS field applications
- 2006 Imagery and Planimetrics
 - MARC Effort
 - Capture of Ortho and Obliques
 - LIDAR data
 - USGS cooperative
 - Plani
 - Update Buildings and Edge of Pavement off of new orthos
- 2006 Land Records
 - CAMA Replacement
 - OASIS additional data extracts
 - Preliminary Plat information
 - Deeds access future deeds will have a parcel ID tied to them
- 2006 Transportation
 - Potential web geocoder application
 - CIP data to support CUE effort
 - Promote Address Web Service
 - Improve the Centerline Network Dataset
 - Find/promote/develop analysis tools for Traffic Count data
- Economic Profiling
 - R&D on what is needed and the best ways to go about providing that information in a usable way
- Professional Services to external Clients
 - Work with City of Shawnee to develop IMS applications.
 - Get Sunflower Redevelopment as a data partner
 - Integrate GBA with GIS and possibly host Leawood GBA databases
- Focused Departmental Initiatives
 - Generic “What can GIS data due for you?” interviews of departments.