

Spatial Data Management Group Meeting

Thursday, March 22, 2012

Richardson 313

Attendance: Theresa Valentine, Keith Olsen, Terralyn Vandetta, Kelly Christiansen, Peter Eldred, Anthony Veltri, Cole Belongie, Matt Gregory, Mike Scanlon

Treats: Patti

Notes: Matt

Facilitator: Terralyn

Main Topic

Mike Scanlon demonstrated his team's (USFS NRM) use of ArcGIS Mobile to create editable services for offline data collection. ArcGIS Mobile enhances the capabilities of ArcPad and Mike's team has been developing tools to access this functionality. He stepped the group through the setup of the map document (.mxd), the configuration of the service, the publication of the service using the ArcGIS Mobile Project Center and the display of the service within an emulator. He also presented a number of "gotchas" along the way that his team has encountered in development.

Meetings

- ESRI Development Conference: Palm Springs, CA, March 26-29
- ESRI Forestry GIS Conference: Redlands, CA, May 1-3
- Society for Conservation GIS: Asilomar, CA, July 19-22
- ESRI Users Conference: San Diego, CA, July 23-27
- FORESTSAT 2012: Corvallis, OR, September 11-14
- SilviLaser 2012: Vancouver, BC, September 16-19

(No one had plans to attend any of these meetings at present)

Data

- Discussion of whether USFS folks can access the COF T:\gis drive given that they have ONID credentials. Terralyn was going to look into this and report back.
- Cole reported that raw and processed lidar for the Siuslaw NF will be available soon
- Discussion about the Oregon Lidar Consortium. Some thought that they have reduced their data availability through the web. Patti will contact Sherry Snyder to find out how best to get the data.

Software

- ArcGIS 10 Service Pack 4 is out and available on COF drives. Because most USFS folks use Citrix, they will receive the SP when it is updated centrally.
- ArcGIS 10.1 is anticipated to release around the time of the ESRI Users' Conference (mid-July)

- The “Extract Multi Values to Points” Spatial Analyst tool does not seem to be working for shapfiles, but feature classes and layers seem to be fine.
- Terralyn will be applying Microsoft server patches to Mercator and Meridian within the coming week.
- Patti relayed that an ENVI vendor would be coming Tuesday, March 28 to talk about licensing software products for USGS. A number of existing ENVI/IDL licenses are currently in COF, but are restricted to the Cohen/Kennedy group and the USFS global climate vegetation group.
- Discussion about the impact of Google’s decision to implement a new payment structure on websites with more than 25,000 hits per day. Matt mentioned a New York Times article about companies moving away from Google Maps and the emergence of using OpenStreetMap for base data.

Training

- BLM/USFS ArcPad Training was recently offered by Aaron Dick (USFS). The training focused on the use of the Service First toolbar. Patti attended and found the training really good and wanted to know more about the possibility of using an image cache within this application.
- Helen Jenny (CEOAS) is teaching a web mapping class this spring quarter. There was some interest in attending the classes.

Round Table

- Keith: Working on the Blue River lidar dataset and has created a Python script which calls Fusion and creates grid metrics automatically.
- Kelly: The 42” plotter is now functioning again and is located in FSL 267. He will send out instructions on how to map the IP address.
- Peter: Working on ArcPad applications for stream data. He also related a number of issues with replicating an offline database to the central server.
- Cole: Interested in taking classes at OSU when available. There was some discussion of whether or not it was OK to sit in on classes without officially being enrolled. The consensus was that it’s best to contact the professor and ask permission.
- Mike: Working on an HTML5 demo project using Arc products. He is hoping to demo it to the SDMG group at a later point.

Next Meeting

- April 19 at 10:00am in FSL Room 20A
- Topic: ArcGIS Server with Theresa and Keith
- Treats: Terralyn
- Notes: Patti
- Facilitator: Matt