

**GIS Coordinating Committee
February 21, 2007 Meeting Minutes**

In Attendance:

- Mike Perdue, GDOT, mike.perdue@dot.state.ga.us
- Eric McRae, ITOS, mcrae@itos.uga.edu
- Teague Buchanan, GDOT, teague.buchanan@dot.state.ga.us
- Juan Machado, ITOS, juan@itos.uga.edu
- Natalie Culpepper, ESRI, nculpepper@esri.com
- Steve Mulberry, ESRI, smulberry@esri.com
- Sonny Beech, ESRI, sbeech@esri.com
- Geoffrey Garland, ITOS, ggarland@itos.uga.edu
- David Holcomb, ITOS, dholcomb@itos.uga.edu
- Amy Zeller, Leica, azeller@lggi.com
- Brad Skelton, Leica, brad.skelton@lggi.com
- Jason Jones, Leica, jason.jones@lggi.com
- Doug Lynch, Carter Burgess, Doug.Lynch@c-b.com
- Michael Wenzel, ABG, mwenzel@atlantabotanicalgarden.org
- Constance Buford, GFC, cbuford@gfc.state.ga.us
- Danielle Ayan, Ga. Tech Center for GIS, Danielle.ayan@coa.gatech.edu
- Hans Friedrichsen, Ga. Dept. of Labor, hans.friedrichsen@dol.state.ga.us
- Byeong-Uk Kim, EPD, Byeong_Kim@dnr.state.ga.us
- Mike Alexander, ARC, malexander@atlantaregional.com
- Gary Siorek, Survey Lab USA, gary.siorek@survey_lab.com

I. Leica TITAN Technology

A. Known problems with geospatial data

1. Finding data on Clearinghouses
2. Problems viewing data: Clearinghouse interfaces are static and 2-D
3. Data retrieval
4. Spatial data user community has spread beyond traditional GIS user niche.

B. TITAN Vision

1. Build online collaborative network of authors and consumers who can share (publish & retrieve) content within a secure global user community
2. Enable data authors to become data servers
3. Provide authors a cost recovery model for selling geospatial data and information products
4. Build a dynamic 3D Virtual Globe
5. Provide an alternative and interactive system for publishing and accessing data

C. Concepts around which Titan constructed

1. Peer to Peer sharing via Proxy. P2P = Leica Titan Proxy Server
2. MySpace user profiles. MySpace = MyWorld
3. Instant Messaging. IM = Geospatial IM
4. Virtual Globes (Google Earth, Microsoft Live Local, NASA World Wind, ArcGIS Explorer) = Titan 3D-Rich Client
5. Users can publish and share global content locally

D. TITAN and its mission

-A publicly available web-based 3D client application enabling a global community to interactively chat, discover, access and share (publish) data for the purpose of contributing to the creation of an online and information rich dynamic 'digital earth'

II. ESRI GIS Portal

(<http://www.esri.com/software/arcgis/gisportal-toolkit/index.html>)

- A. Problems with current Clearinghouse models evident
- B. NSDI an example of Portal technology: www.geodata.gov
- C. Metadata
 - 1. FGDC (about 334 elements)
 - 2. ISO 19115 and 19139(300+ elements)
 - 3. Metadata created using GIS Portal form requires a minimum of only 19 elements
- D. Portal like an information desk: points to data that is either downloadable, directly consumable, or referenced by metadata.
- E. Components
 - 1. GIS Portal
 - searching, sorting, publishing, administration
 - 2. Map Viewer
 - navigate and query data, view multiple map services, change projections, etc.
 - 3. Channel Editor
 - populate and manage group specific channels
 - 4. Harvesting Tool
 - gather remote metadata
 - 5. Supports ArcIMS/ArcSDE 9.1 and 9.2
- F. Spatial Data Infrastructures are Evolving towards Portals that are
 - 1. Service-oriented
 - 2. Application focus
 - 3. IT standards
 - 4. Interoperable

III. Price models for County Data

- A. Senate Bill 230 authorizes cost recovery
- B. However, no standard
 - 1. What is business model driving, in some instances, high costs?
- C. Can/should the GISCC make recommendations to Counties re: cost recovery?
- D. Suggested course of action: questionnaire to determine business logic behind disparate costs of County data

IV. Other Business

- A. FSA '06 2-meter SIDs available on Clearinghouse
- B. Chattooga County to submit '04-'06 tax maps
- C. Next meeting 3/21 at DCA