

AGIC
Data Committee Meeting
April 9, 2008
Arizona State Land Dept. Building
Draft Minutes

Attendees:

Tom Sturm, USGS
Victor Gass, ADEQ
Keith Larson, USDA
Gary Irish, ASLD
Gene Trobia, SCO
Dave Minkel, NGS Advisor
Jean Rodine ADEQ
Jana Hutchins, ASU
Mary Whelan, ASU
Mick Cseri, ADOT
Anthony Maslowicz, ASLD
Julie Mikolajczyk, AZGFD
Sue Smith, ADWR

The Following attended by phone:

Kevin Blake, Yavapai
Candace Bogart, USFS
Howard Ward, Private Sector
Scott Edwards

Absent:

Lee Allison, AZGS
Brian Brady, Yuma
Nicole Brown, AZ Game and Fish
Glen Buettner, Fire
Laura Burnette, State Parks
Tim Colman, SCO
Tapas Das, ASLD
Dena Grambrel, ADWR
Jami Garrison, ADOT
Lee Harbors, APLS
Adam Iten, ADOA
Wes Kortuem, ADHS
Lucas Murray, DES
Chris Newton, ADHS
Tom Tyndall, State Parks
Angela Wills, ADHS

Meeting called to order at 10:00 am.

Introductions:

Around the table and phone:

Update on NAIP 2007 Imagery Project:

Status

Data is at State Lands. It is about 1.4 TB in size for the state.

Working on prioritized distribution plan. Will start providing data to major partners first

Getting data to ASU for imagery server who will make it available to others on-line.

Candace mentioned that her office will get their copy of the data from the FS Geometronics Service and Technology Center in Salt Lake City

Compressed Products

Tom mentioned the Ric Reister, FWS in Albuquerque, will be making MrSID compressed versions of the imagery and is willing to do something for all of us. Keith Larson, NRCS, said that APFO made a 4-band JPEG 2000 mosaic of Cochise County for his office. After the meeting Tom heard from Jack Johnson, BLM, that Dave Wilson might be making JPEG 2000 compressed imagery of the NAIP. So, it looks like we have some options. Tom will follow up with Ric and Dave and will draft an e-mail to Data Committee members about compressed product requirements.

Issues discovered during inspection of the final products.

Tony Maslowicz, State Lands, reported that some of the tone matching/color balancing issues identified during the initial inspection of the imagery are still present in the final versions of the data. Other problems, such as image shifts in Graham County, cloud shadows, and void areas have been corrected.

The future of the NAIP program

Tom reported that the NAIP program has been impacted but budget reductions over the last couple of years and USDA is planning some changes to the program that will have impact. The annual 2-meter collection program over agriculture lands is being eliminated and the 1-meter program will move over to a 3-year cycle. It looks like the program will become more dependent on partnership funding to ensure full state coverage. Not quite sure what this will mean in terms of firm funding commitments yet but we should be prepared for the prospect of having to raise larger amounts of funding if we want to participate in the program in

the future. Tom wants to get a better sense of whether the program will entertain contributions for partial state coverage in the future.

Gene mentioned that he and other NSGIC representatives have contacted USDA about funding for the program. Gene has received a written response on the subject from the Washington office of the Farm Services Agency that states that the NAIP program is being funded at the \$10M level this year and confirms the elimination of the 2-meter portion of the program. The letter also mentions the establishment of a 3-year cycle for 1-meter data over agricultural program lands along with new procedures for extending coverage through partnerships.

GIS Inventory status report

The State Cartographer's Office is looking for an intern to assist with the GIS Inventory (formerly RAMONA) but may not be able to bring anybody on because of a hiring freeze. Jana Hutchins mentioned that ASU may be able to secure a non-paid student intern. Howard Ward mentioned that he may have an intern prospect but Jana said that this person would have to be registered as an ASU student for that to be a possibility. Gene needs to tie the inventory effort to AZ3D activity that is developing in response to Virtual Arizona. Victor Gass mentioned that DEQ has made some entries into the GIS Inventory system. Tom volunteered to provide assistance as needed if people needed help with the system.

Street Centerline Working Group – No report. Mick Cseri, ADOT, will pull together a report for the July meeting if Adam and Jami cannot be present.

Report on Portal/AZ Clearinghouse activities

Gary Irish and Victor Gass reported that there are 2 agreements, one for AZDEQ and one for State Parks, to contribute data to the Portal. They see a need for more promotion and mentioned ideas for a brochure and other outreach ideas. Tony Maslowicz mentioned that the Portal now has 250 registered users and over 2700 downloads of individual data sets have occurred. Jana asked if full metadata was being implemented. Gary said all required data fields are populated plus other fields ALRIS needed. We will look at using the GIS Inventory as a way to start getting data into the Arizona Geospatial Clearinghouse (AGC)/portal. Need to check out what might be feasible and Gene will check with Jana about recruiting an intern.

The data inventory is something that could greatly benefit AZ3D to tie in state and especially local data.

Data Committee Budget Request to AGIC

Tom reviewed the Committee's existing workplan and background on why this is needed. He requested members identify items that may need to be identified for the AGIC budget. This will assist in developing a workplan for this and next year. The committee reviewed the existing Data Committee workplan and made the following recommendations.

By activity:

NAIP – funding may be needed to support the imagery server at ASU. There is an outstanding NAIP funding commitment that is impacting our ability to adequately fund the ASU effort. May need up to \$30K. Resolve outstanding commitment and determine funding need, if any, before the May AGIC Board meeting.

Street Centerline – Unknown. Mick Cseri will work with Jami Garrison and Adam Iten to see if they wish to request funding from the AGIC Board.

Tech and Data committee merger is accomplished. Success and no funding required.

Conduct a survey – USGS grant and existing \$10K funding commitment from the AGIC Board for an intern should cover any requirements.

Actions:

Put together a slide show showing the status of 2008 objectives (Tom and Gene)

Put together a budget request for imagery server support pending what happens with the outstanding NAIP partnership commitment (Tom and Gene). Add Street Centerline budget request if needed.

Add a 2008 object related to the State clearinghouse/AZ3D (Tom and Gene will develop as required as the program is identified and approved).

Data Retention Requirements

Victor Gass asked the group if anyone was dealing with data retention requirements for GIS data. He would like to know what folks are using or if we need to find out what the guidelines are from State Libraries and Archives. Gene will pass on contact information for with DLAPR archive group to Victor to pursue and report back to committee.

Virtual GNSS network, New Datum by NGS

Dave Minkel gave a report of activities for a Virtual GNSS Network of base stations to support geospatial and survey needs of the state. This would save the state many dollars for conducting surveys and doing engineering projects. We will be identifying programs and issues that would benefit from this activity.

Dave Minkel discussed NGS plans to establish a new horizontal datum in about 10 years. The big issue here (as I understand it) is that there will not be a transform from NAD83 HARN to NSR2007. NGS will probably provide a transformation from NSR2007 to the new datum that will be established in 10 years. This will present a challenge for people collecting high precision data on NAD83 HARN.

Jana proposed conducting a session at the AGIC conference and identifying other ways to get this information out. Gene proposed that Dave and Gene bring this up with the APLS Geospatial Committee and develop issues to report back to the Committee.

Other Announcements

Candace Bogart mentioned that the FS is collecting LiDAR data over portions of the Coronado, another in Cherry Creek in the Tonto National Forest and flying all of Sitgraves National Forest. Tom asked Candace if she could provide shapefiles of project areas.

Next meeting

Our next meeting will be at the State Lands offices on July 9th. Our scheduled 10-8-2008 meeting is in conflict with the State GIS conference. We proposed moving the committee meeting to 9-24-2008.

Adjourned: 12:02 pm.