



Briefing Statement

Date: October 23, 2012

Title: GIS Work Group Update

1. Aerial photography of the Mojave Desert: This effort came from discussions with various members who are looking for very high level imagery, annually flown and at a low cost. It was discovered at various meetings such as the CLAWG meeting that federal agencies, local agencies and NGO's have independently obtaining imagery. This effort would focus on organizing those efforts in the California Mojave to take advantage of cost savings and improved imagery to be shared by all who are involved.
 - a. USGS and the MDEP will work with regional counties to discuss coordination of contracted flight schedules. These schedules and vendor contact information will be shared to allow others to plan and discuss possible expansion of those flights to include a larger range.
 - b. In discussions with the SNAP GIS group it was discovered that the Civil Air Patrol has and can obtain aerial imagery for \$150.00 an hour. They operate many planes but there are two that have upgrade imagery equipment and glass bottoms which one of those planes is located at Edwards Air Force Base. This allows for agencies to find partners who are willing to loan LiDAR and other equipment the plane may lack to be operated during the flight.
 - c. The National Geospatial Intelligence Agency (NGA) has and is willing to support regional imagery support on federal lands. They are a collaborator on this project as needed when imagery can be obtained in areas it is more cost effective to use their services versus paid aerial.

Needs: DMG members need to identify personnel who work on these kinds of efforts to share needs and individual efforts to identify possible opportunities that can be leverage. Please have those individuals contact Fon Allan Duke at fduke@mojavedata.gov.

2. The annual GIS conference will be postponed until late January or early February. It was discussed with other GIS leaders in the region that it would be of more value to hold a half day conference call at that time to share various GIS efforts in a telecom format at that time. The meeting will allow for members to share their efforts in a share virtual forum. More details will go out to your GIS staff in December.

3. The National Park Service and MDEP are partnering to develop a database and online form allowing commercial permits to be requested and updated online versus the current paper format. This solution is something that can be used by other parks that have a need to improve their tracking and reporting of such information. Other agencies can take advantage of this work and CVAG has requested a copy for their similar needs. If your group is looking to improve a paper processes please have them contact MDEP to find out more.
4. The USGS out of Texas is interested in exploring a mobile application for collecting river ways data to improve the accuracy of the National Hydrology Data (NHD). The solution would be developed using HTML 5 so that MDEP can test how well this will work for implementation of this solution on any mobile device or computer with internet. The attempt will result in a solution that is low cost and is flexible to be implemented nationwide with little effort. Results will help to improve accuracy of mapping data of flowing and intermittent water ways. If successful this solution will allow MDEP to develop custom solutions faster and cheaper than traditional mobile tool models.
5. The Riverside County, Fish and Wildlife Service and MDEP are partnering up to develop a mobile data collection solution for the refuge managers working for Riverside County. This solution will collect data in a similar fashion to the BLM effort MDEP partnered on earlier this year. MDEP will serve as the data enterprise while Fish and Wildlife Service provide the requirements for Riverside County act upon. This project will begin in November 2012 and at this point efficiencies have been found over the past proposed method that have impressed both Fish and Wildlife Service and the County of Riverside.

Contact

Fon Duke, DOD Coordinator

fduke@mojavedata.gov

760-252-6161