



June 22, 2011
Meeting Notes

Attendees

Lin Neifert, Pam Brangan, Dan Currier, Reed Sims, Johnathan Croft, Mike Brouillette, Dave Brotzman

Notes

General Discussion

The Army Corp. is looking to collect LiDAR along Lake Champlain; the project must be fully planned by early July. Their plans are unknown. Implementation of the plan to collect LiDAR in Addison County is almost complete. Expect the Addison County collection to occur in the Fall of 2012. The VTrans TS Irene recovery Hi-Res imagery and LiDAR was collected this Spring and it is progressing to QC. It may be available by early Fall 2012.

- Suggestions for additional topics.
None
- Discuss the plan for the Plan and the timeframe.
 - EGC has created a sub-committee to organize and implement a statewide LiDAR Plan.
 - Attendees to this meeting (plus a few others unable to attend) are the members of that committee.
 - The Plan has been distributed in draft form. All comments have been received for a while.
 - Comments to the Plan are always welcome.
 - The final draft of the Plan will be distributed to VT Team LiDAR before it is final.
 - Dave B. will follow up with the recommendations in the draft Plan.
- What should be our approach (beyond the plan)?
 - Work back from the Use Cases that are identified, identify the responsible party and involve them as stakeholders.
 - A broad list of stakeholders was created for the LiDAR meeting that ANR did a few years ago. Reed or Dave B. will distribute.
 - Dave B. will contact Larry Becker at the Geological Survey to get his involvement.
 - Army Corp. and FEMA are not interested in working with partners. Communication is poor.
 - We need to determine a final cost estimate based upon the coverage and deliverables before we solicit supporters.
 - It is agreed that the state should be collected in sections over the course of multiple years, similar to how the orthos are done.
 - A consistent statewide model cell size should be determined and adhered to across all LiDAR deliverable products in the state moving forward.

- Options – What requirements are we willing to go to the wall on?
 - We need to get consensus on what our limitations are for LiDAR resolution and derivative products.
 - We need to know what resolution and what deliverables our stakeholders require and at what point they will no longer fund.
 - Lin will try and get cost/product estimate ranges for the data and the derivative products with determining factors identified (if possible)
 - A cost analysis study has been done by the NED program. Johnathan will distribute a copy to the group.
 - With the information above we will create a cost model for the project.
 - ANR will need analysis tools to get more out of the point data deliverables (tree canopy).
 - Must be statewide coverage.

- Marketing Approach – What, Who, How, When?
 - A website for information will be created that allows public access. The site will be housed on the EGC site. Mike Brouillette will follow up with Steve Sharp.
 - Jarlath and Peter T. have volunteered to create a draft of a single page marketing flyer that explains LiDAR, why its valuable to the state (Use Cases) and looks pretty.
 - Reed Sims will provide the Powerpoint slide presentations that he uses to the group in order to create a marketing presentation.
 - Peter will broadcast the need for funding internally to his organization through their Sharepoint site.
 - Peter will create solid relevant use cases for his organization

- Leveraging our Influence – Who can we get to support this with their political capitol?
 - Everyone will be responsible for advocating support within their agency or community.
 - We should consider identifying teams of individuals that will meet with potential supporters and do presentations, give materials.
 - Focus should be on using LiDAR to meet the mission of the organization.
 - GMP, VT Gas have different use cases for LiDAR, that may not be supported by our collection plans.
 - Get to the installers that want to use LiDAR to determine powerline and road designs.
 - Contact radio broadcasters

- How are we going to fund this?
 - It is agreed, the project will be funded over multiple years.
 - This will enable federal and state funding partners to provide more money in aggregate.
 - Number of years to complete the project is undetermined.
 - USGS will not fund more than 33% of a project in any year, 25% is preferred.
 - NRCS is unlikely to provide funding for a few years due to funding contribution to Fall Addison County LiDAR project.
 - We need to leverage NGS (height mod work, NGA Public Safety, VTrans, US DOT, LCBP as possible funding supporters.