NGAC

3DEP Subcommittee
2015 Summary Report

Gary Thompson, Chair

December 4, 2015

Subcommittee Membership

- Chair: Gary Thompson
- Co-Chair: Harvey Thorleifson
- Members:
  - Jeff Lovin
  - Jason Warzinik
  - David Wyatt
- Federal Contacts: Vicki Lukas, Larry Sugarbaker (USGS)

Summary of Activities - 2015

1. NAPA Report Recommendation:
   - Advice on: Advancing the NAPA recommendation to coordinate among federal agencies
   - Lead Harvey Thorleifson
2. 3DEP Acquisition:
   - Advice on: Improving coordination and communication on 3DEP partnerships among community stakeholders
   - Lead: Jason Warzinik
3. Emerging LiDAR Technology:
   - Advice on: Enhancing the coordination and outreach and for commercializing emerging LiDAR technologies
   - Lead: Jeff Lovin

Summary of Activities - 2015

- NAPA Report Recommendation

Draft NGAC Resolution

The NGAC endorses the following recommendation in the National Academy of Public Administration's (NAPA) "*FEMA Flood Mapping: Enhancing Coordination to Maximize Performance*" report:

Recommendation 15: *The Office of Management and Budget should use the 3DEP implementation plan for nationwide elevation data collection to guide the development of the President's annual budget request.*

The NGAC encourages the FGDC agencies and OMB to consider and take action to implement this recommendation.

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National Geospatial Advisory Committee

Summary of Activities - 2015

- 3DEP Acquisition
  - Improving coordination and communication on 3DEP partnerships among community stakeholders
    - Draft report discussed and reviewed at September 2015
    - Requested comments from NGAC members
      - Revised slightly to address feedback from USGS and NGAC as well as editorial/format changes.
      - Received positive feedback from Vicki Lukas, USGS
    - Final report provided to NGAC members prior to December 2015 meeting
      - Request approval of report at December 2015 meeting

3DEP Acquisition

- 3DEP Data Acquisition Coordination - A Broad Agency Announcement (BAA) was announced by the USGS in July, 2014 in FedBizOpps as a visible, publicly accessible partnering opportunity for 3DEP data acquisition. Along with the BAA process comes new rules related to Federal contracting about how the USGS can communicate and coordinate partnership opportunities. As a result, Liaison roles have changed. Given the new approach, what advice and/or recommendations does NGAC have for improving coordination and communication on 3DEP partnerships among community stakeholders?

3DEP Acquisition Summary of Response

- Coordination and Education of Partners and Associations
- Support Local Cost-Shares and Data Acquisition Coordination

Coordination and Education of Partners and Associations

- **Recommendations**
  - Choose 2-3 organizations, such as NSGIC and NACo, with which to partner with to promote and engage stakeholders through expanded in-person outreach to both the traditional geospatial practitioner community and the non-technical state and local executive community.
  - Continue to promote the time savings for procurement of LiDAR using the USGS Geospatial Product and Service Contract (GPSC) and similar cooperative agreements.
  - Continue to refine the BAA process schedule to align with the LiDAR spring flight season and continue to improve the application process.

Support Local Cost-Shares and Data Acquisition Coordination

- **Recommendations**
  - Enable the USGS National Map Liaisons to be more active in the upfront coordination effort while still adhering to the BAA protocols. This includes more in-person visits to network, cultivate, and maintain long-term relationships with participation in state level geospatial advisory councils, state GIO, or regional government meetings and activities.
  - Further refine the 3DEP Public Areas of Interest Project Collector Tool mapping tool with improved project detail to include funding priority and fiscal year targets.
  - Publish models of successful large scale LiDAR efforts on 3DEP BAA website as examples of successful projects

Summary of Activities - 2015

- Emerging LiDAR Technology

USGS has invited multiple vendors to fly their new LiDAR sensors over a test site that has conventional LiDAR and survey control to assess and evaluate these emerging technologies. We applaud USGS for their proactive response and willingness to look at the potential benefits of this new technology in regards to its application for 3DEP.

Next Steps

- Continue to work with our 3DEP federal contacts at USGS
- Perform tasks assigned to the subcommittee in 2016