South Carolina LiDAR Partnership Workshop

April 8, 2008
(June 08 Update)

Gary Merrill
U.S. Geological Survey

Jim Scurry
S.C. Department of Natural Resources
Welcome
Technical Specifications

Deliverable Products

- LAS Point Cloud Data
- 1.4-meter bare-earth
- Geodatabase Terrain Surfaces
  - TIN based
  - 3D Feature classes
- Intensity images
- 3-D Hydro Breaklines
- Quality Assurance Report
<table>
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<tr>
<th>Consortium Members</th>
<th>Planning for 2009 / 2010</th>
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<td><strong>2008 ( Completed )</strong></td>
<td><strong>Planning for 2009 / 2010</strong></td>
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<td>Dept. of Insurance</td>
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In-Kind Services (2008)

Lew Lapine, Chief SCGS
- Checkpoint surveys to support LiDAR QA / QC accuracy assessment
- Observations performed with SC Virtual Reference Station (VRS) network

Consortium of Universities / Colleges
- Lynn Shirley, Project Coordinator
- Consortium Tasks:
  - Generate 10-ft DEMs (~ 3-meter)
  - Generate 2-ft Topographic Contours
On-line Storage Options

South Carolina DNR
http://www.dnr.sc.gov/GIS/gisdownload.html

LAS Point Cloud data
Center for LiDAR Information & knowledge (CLICK)
http://lidar.cr.usgs.gov
http://gisdata.usgs.net/website/lidar/viewer.php

Bare-earth DEMS
The National Map Seamless Server
http://seamless.usgs.gov
Consortium Member Meeting

August 2008

- Project Updates
- Status on available Funding
- Decide counties for 2009 flight
Contact Information

Jim Scurry
Dept. of Natural Resources
(803) 734-9494
ScurryJ@dnr.sc.gov

Gary Merrill
U.S. Geological Survey
(803) 750-6124
glmerrill@usgs.gov