Lidar; Huh that was easy.

J. Scott Sires Brookhaven College Geotechnology Institute

www.dcccd.edu/gis

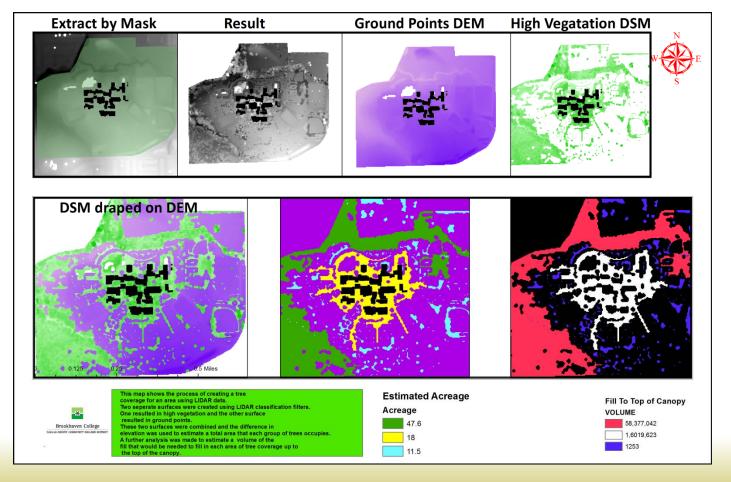
Backstory

CF

- At BHC the GIS students wanted to learn about Lidar while the College was also wanting to apply for the Tree Campus USA program.

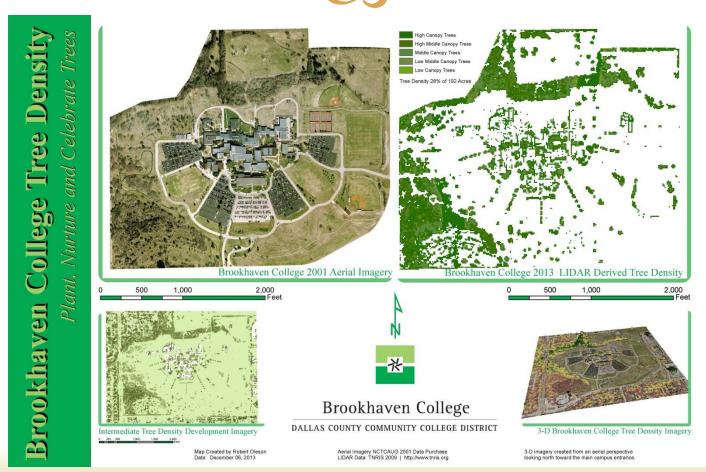
Sample student summary





... and another





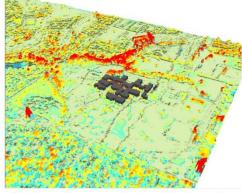
Last student example

CB

Canopy Cover of Brookhaven College Campus



Lidar Data Source: TNRIS 2009 Lidar



3D view of campus; facing Northwest

Campus Canopy Density

Value



High: 1

Low: 0

Of the 192 acre area that is the Brookhaven campus 28% (54 acres) is covered by tree canopy

Campus boundry represented with red outline

Map Created by: Michael Blake Map Created on: 12/02/13

Where, how, who?

CF

- **R** Definitions
 - **3** What is Lidar?
 - Active sensor VS. Passive sensor RS
 - What 'comes with' Lidar?
 - **S** ASPRS classifications
- Software (version ??)

Data Access:

CF

- Review Screen Captures
 - **Tnris.ORG**
 - Search for USGS CLICK closing
 - Search for USGS 3DEV about to unveil
 - USGS: www.csc.noaa.gov/inventory

Live Demonstrations

CS

- What toolbars, tools, processes, workflows:
 - ArcCatalog
 - S ArcMap 10.1
 - ArcScene 10.1

Contact Scott

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