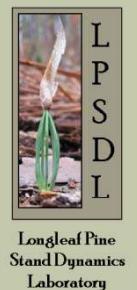




Using Spatial Technology for Forestry and Other Natural Resource Applications



By

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April 23, 2011



Spatial Resources

- Rapid expansion of technology
- GPS (Global Position System)
- GIS (Geographic Information System)
- Rule rather than the exception!

Spatial Opportunities

- ❑ Basic navigation
- ❑ Identify site and stand locations
- ❑ Utilize both tabular and spatial data
- ❑ Planning and management activities
- ❑ Tools often available online and free

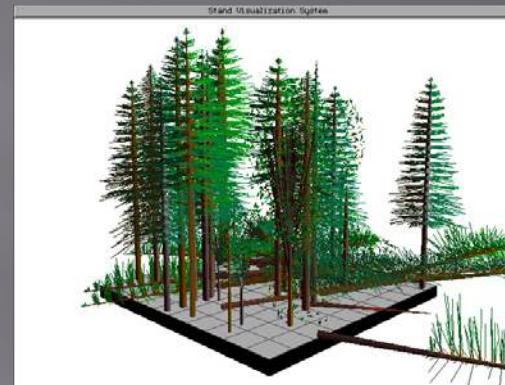
How can this help you?

- Upload GPS data
- Create maps
 - Property boundaries
 - Soil type
 - Aerial photos
 - Topographic maps
- Calculate areas
- Conduct Analyses
- Build databases

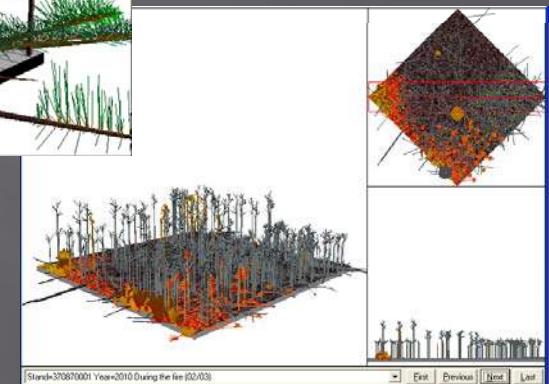


3D Stand Simulations

- Forest Vegetation Simulator (FVS)
 - Growth and yield model



- Stand Visualization System (SVS)
 - Post processor
 - Produces a 3D stand



- CanVis
 - Image editing
 - Realistic simulations



Current Projects

- Longleaf Pine Stand Level GIS Database
- Short Course: Introduction to ArcGIS for Forestry and Other Natural Resource Applications (May 12-13, 2011)
- Brochure: Online Spatial Resources for Private Forest Landowners and Natural Resource Professionals (brochure coming soon)

Future Courses (TBA)

- Online Spatial Resources for Private Forest Landowners and Natural Resource Professionals (brochure and short course)
- Advanced Online Spatial Resources for Private Forest Landowners and Natural Resource Professionals

Future Courses (TBA) continued

- Advanced ArcGIS Applications with Vector Data for Forestry and Other Natural Resource Applications
- Introduction to GPS for Forestry and Other Natural Resources Applications
- Advanced GPS for Forestry and Other Natural Resource Applications

For More Information

- See handouts
 - Introduction to ArcGIS for Forestry and Other Natural Resource Applications
 - Future Courses (TBA)
 - Longleaf Pine Mapping Project
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Questions or Comments