



NSC 2018 Winter Conference:

Managing for resilience and mid-term timber supply
on a dynamic landbase

February 27-28, 2018

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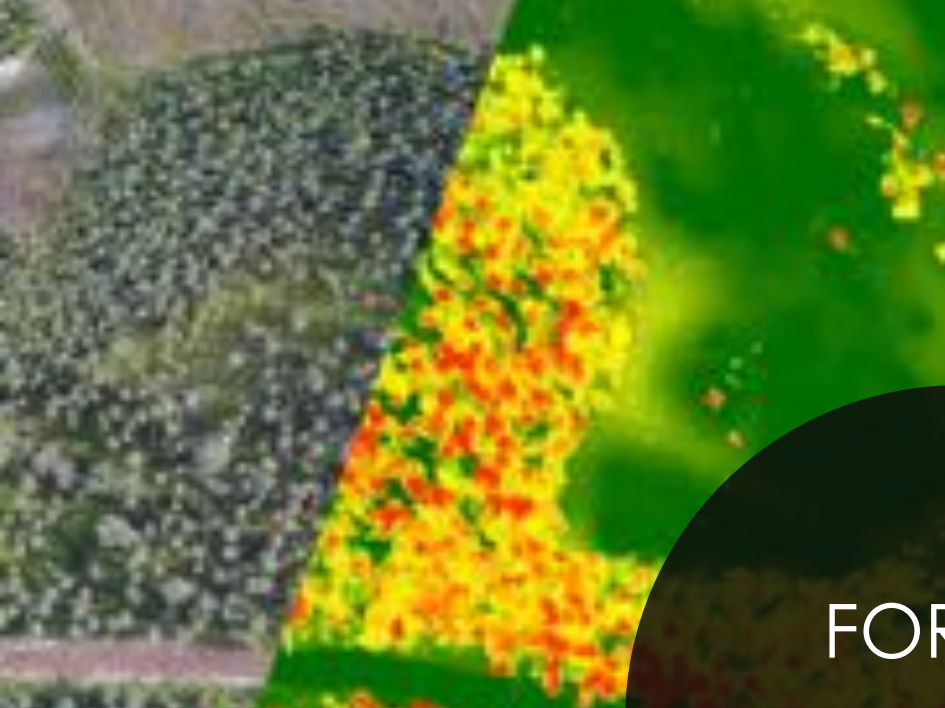


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“Complete supply chain optimization through advanced technologies, complete data, machine learning and industry intelligence.”



FOREST
TO
CUSTOMER



ENTERPRISE DEPLOYMENT



OUR DEPLOYMENT SUPPORT

Regulatory

Insurance

Training

Technical Support

Data Utilization



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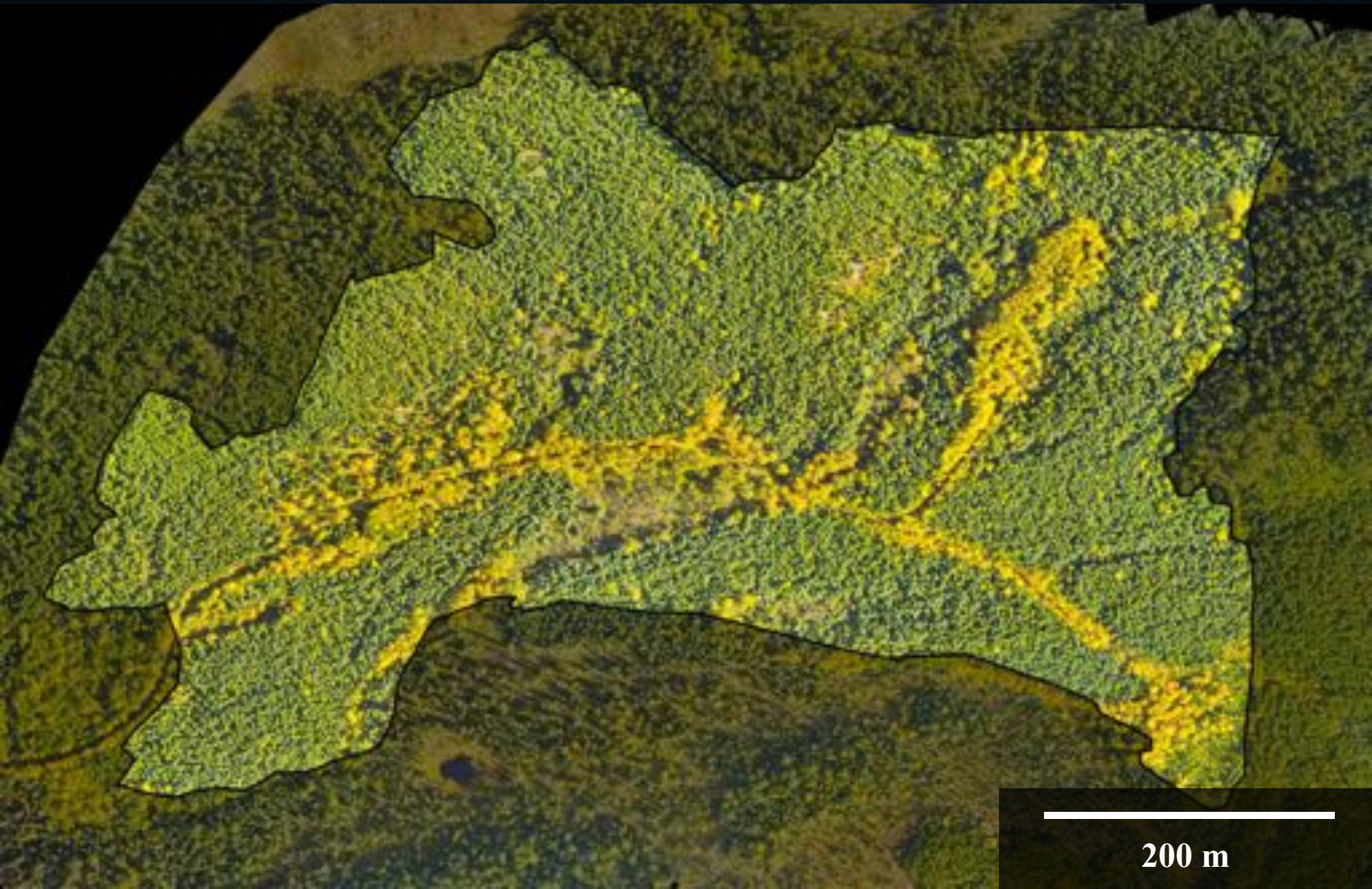
Drones fly fully autonomously, capturing data at
2.5 acres per minute.

HOW DOES IT WORK?



**Overlapping images
converted to a 3D model**



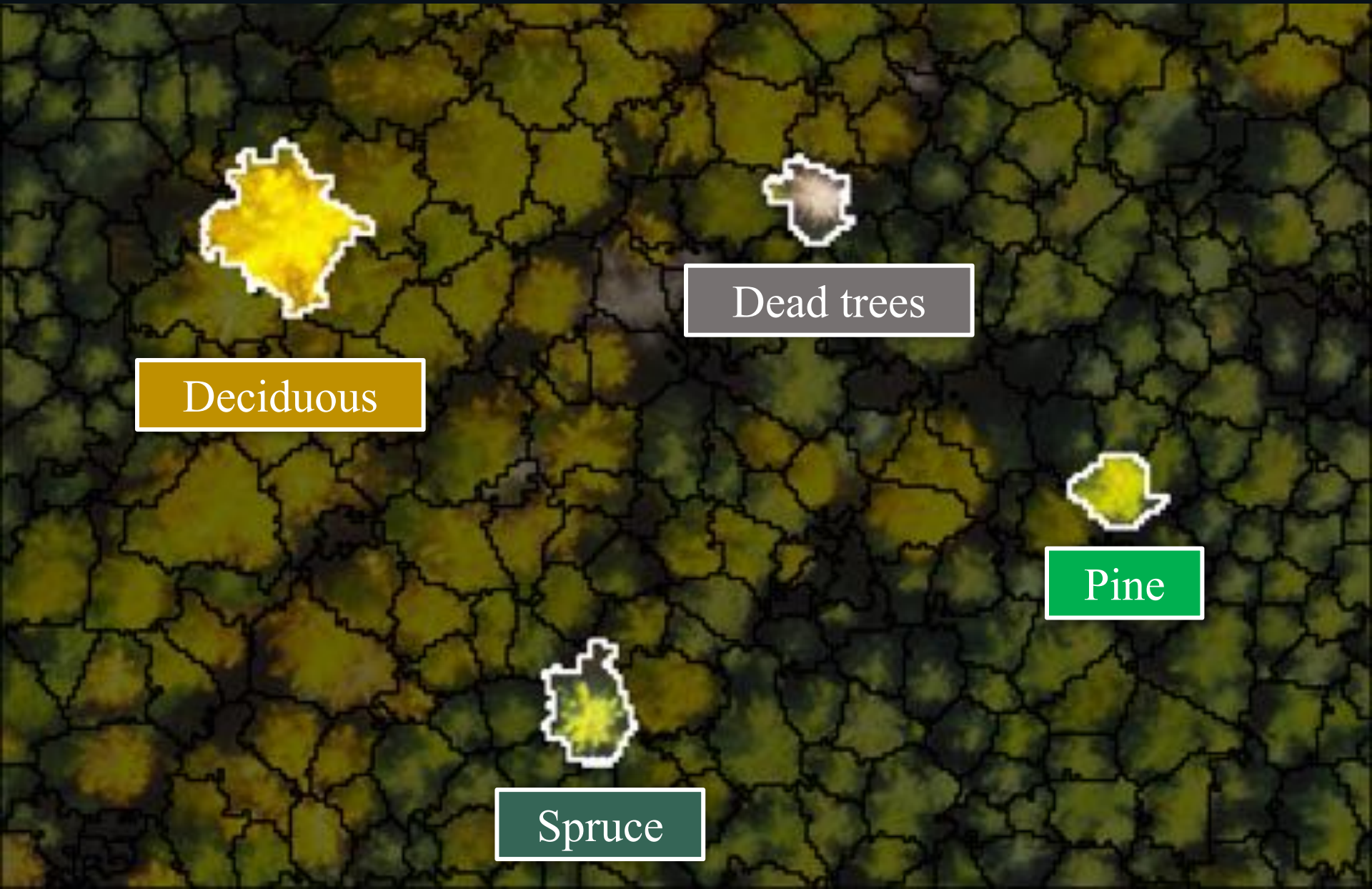




FYBR Imagery



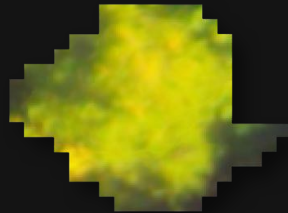
Google Earth



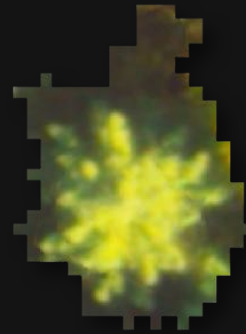
Deciduous



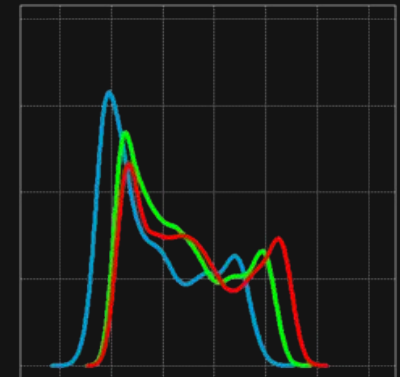
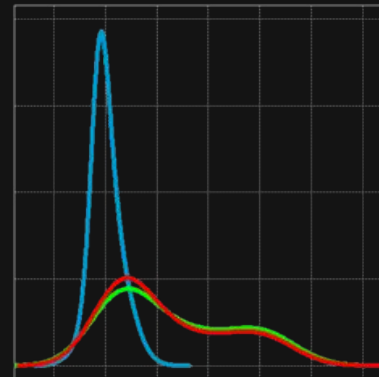
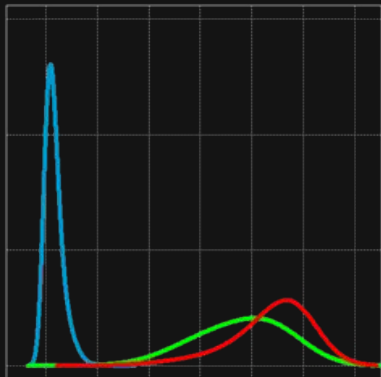
Pine



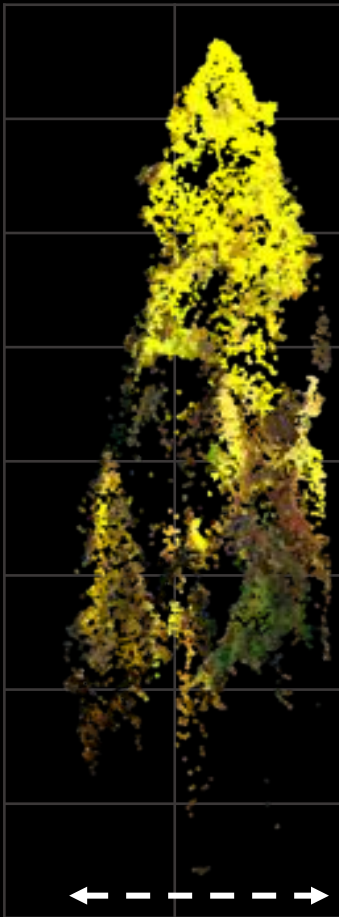
Spruce



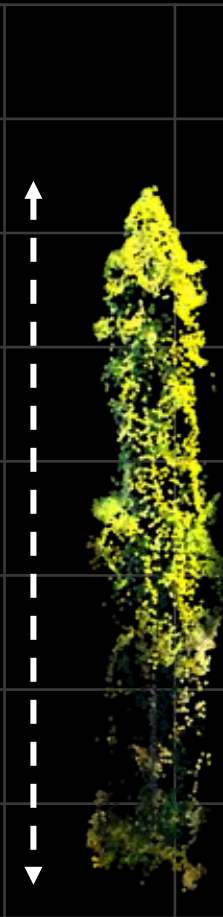
Dead trees



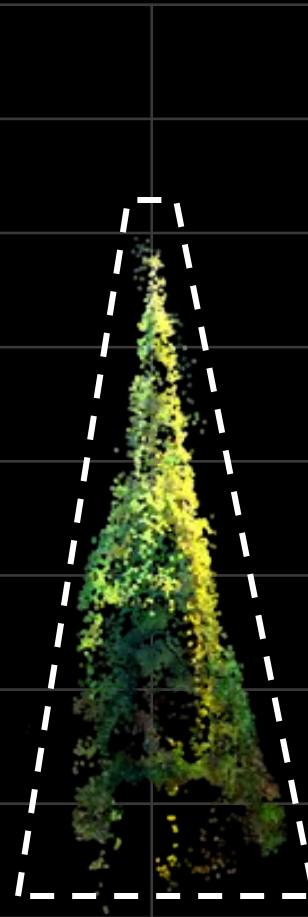
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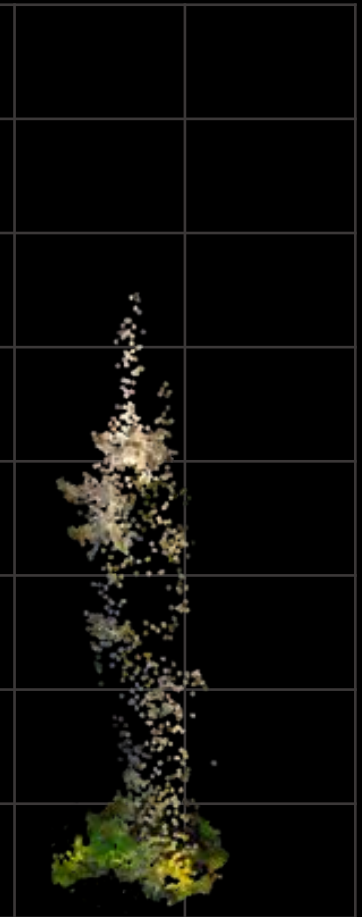
Pine



Spruce

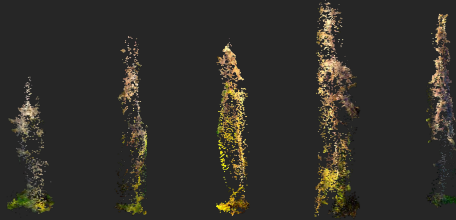


Dead trees

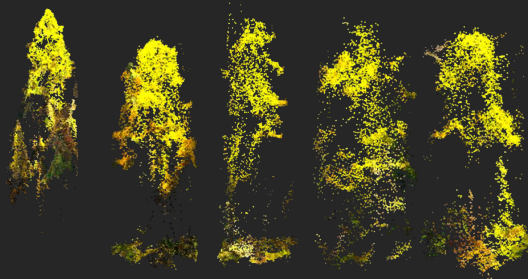


Machine learning unlocks exceptional capability to view and analyze forests.

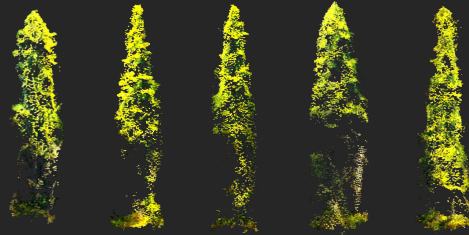
Dead trees



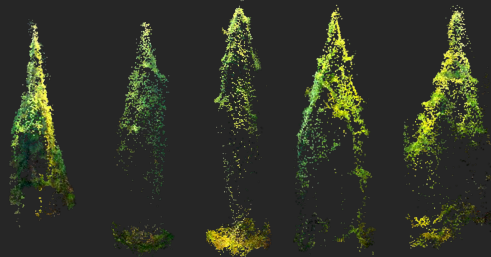
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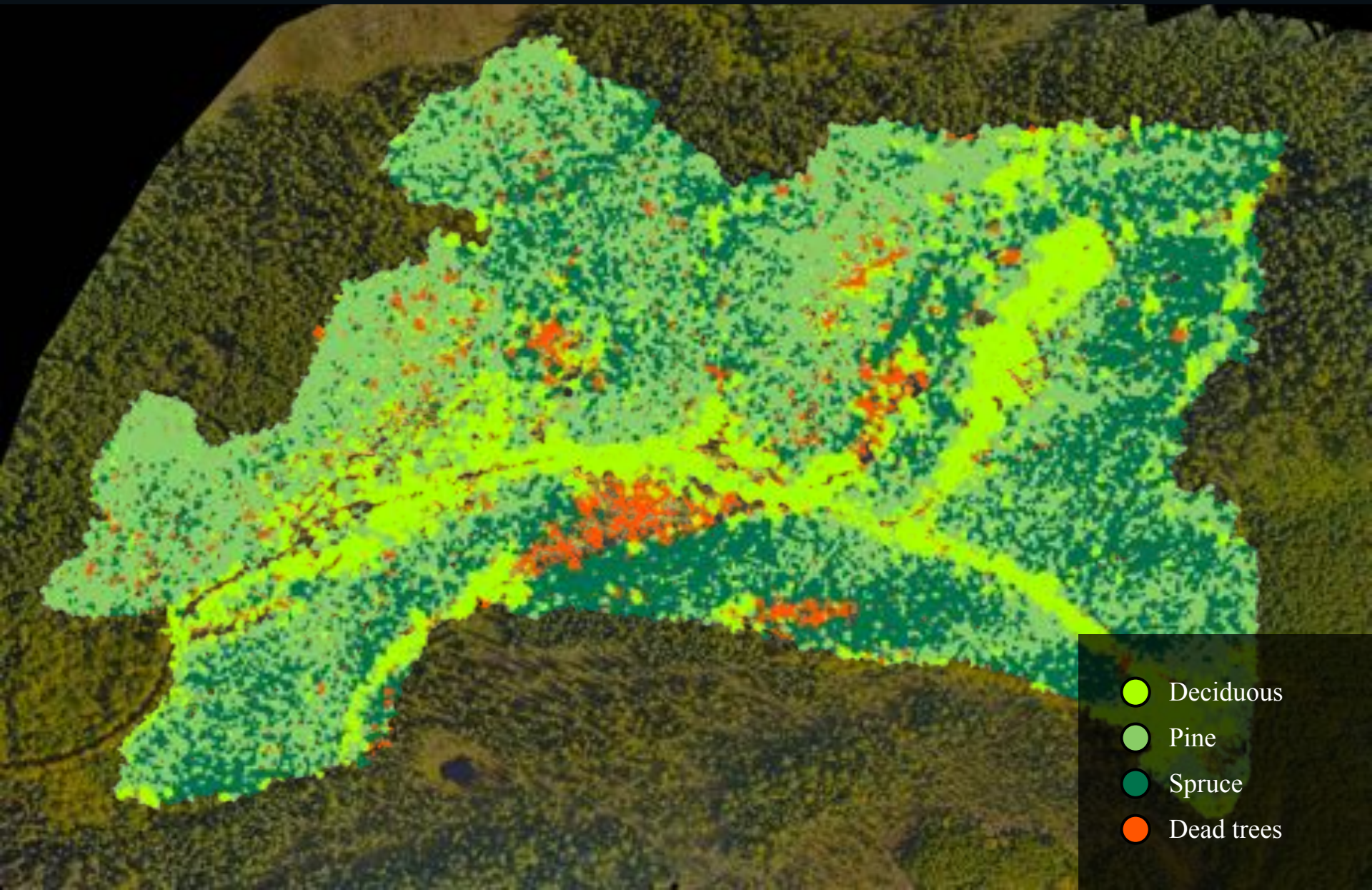
Pine

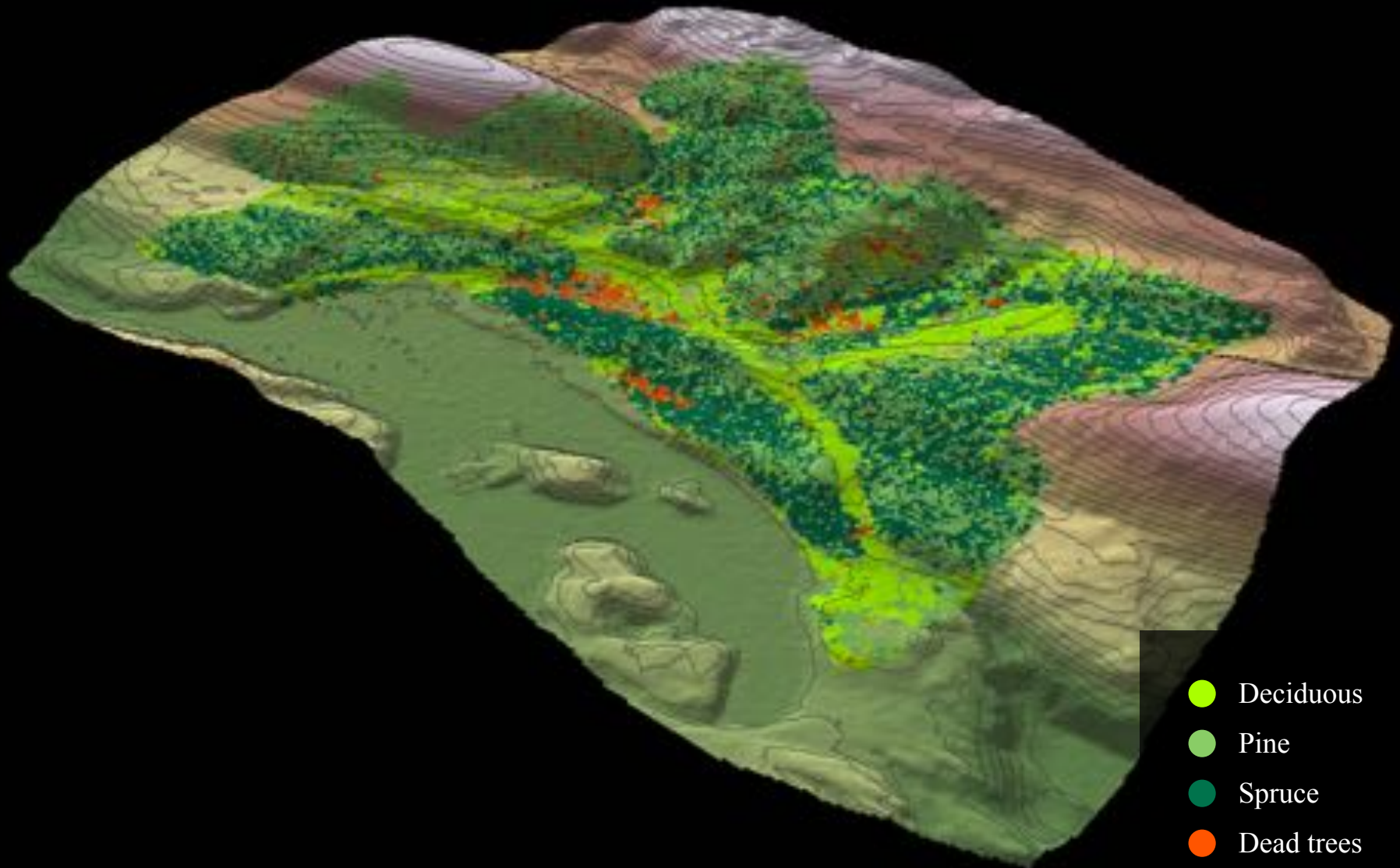


Spruce

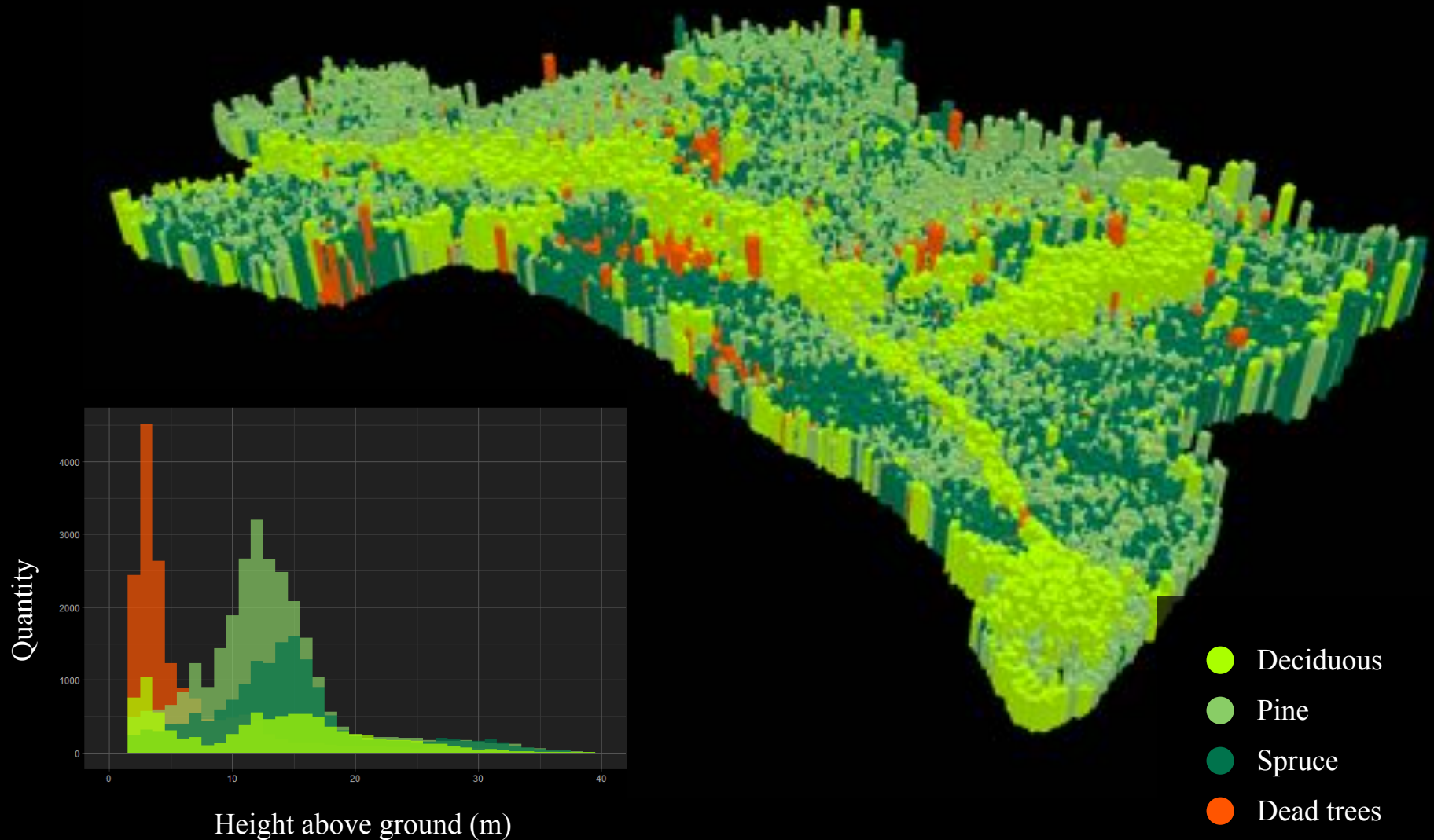


Resulting distribution of species across an
example 150 acre block.





Every tree is measured and tracked, along with other land and forest variables.





EXAMPLE FOREST APPLICATIONS

Harvest Planning

Standing Inventory

Post-harvest Monitoring

Silviculture

Regeneration Monitoring



EXAMPLE MILL APPLICATIONS

Site Monitoring

Log Deck Inventory

Chip & Hog Pile Volume

Lumber Package Tracking

Environmental Monitoring





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