NSC 2018 Winter Conference:

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

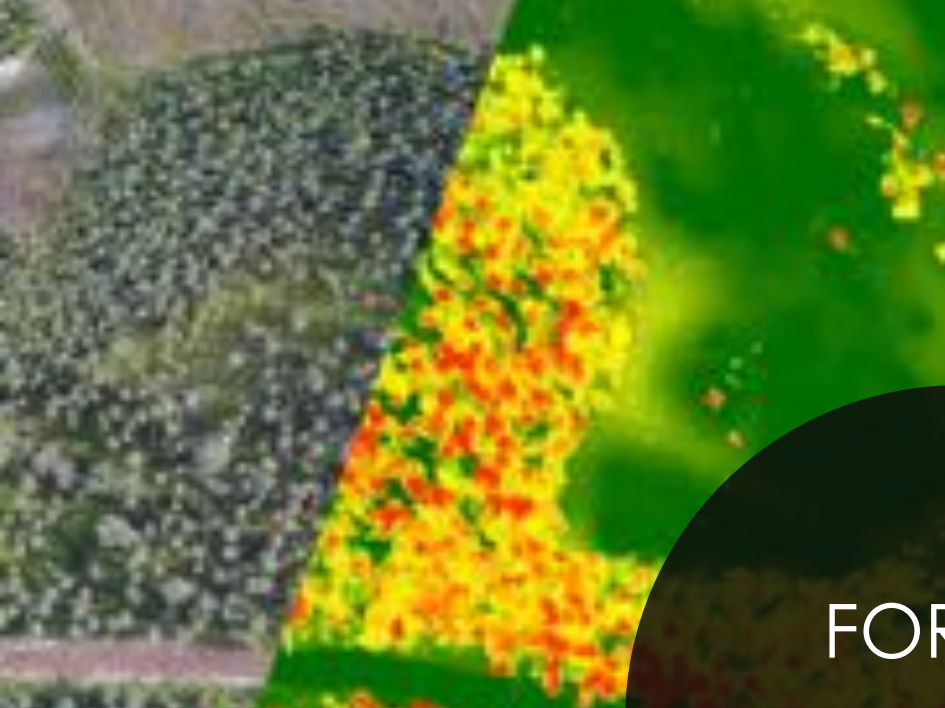**February 27-28, 2018**

Important Copyright Information

FYBR

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

FOREST
TO
CUSTOMER

ENTERPRISE DEPLOYMENT

Drone systems

Acquisition of data

Results delivered & data stored

Processing and Analyzing for inventory metrics

FYBR

200 m

FYBR

FYBR imagery averages 1 inch/pixel.
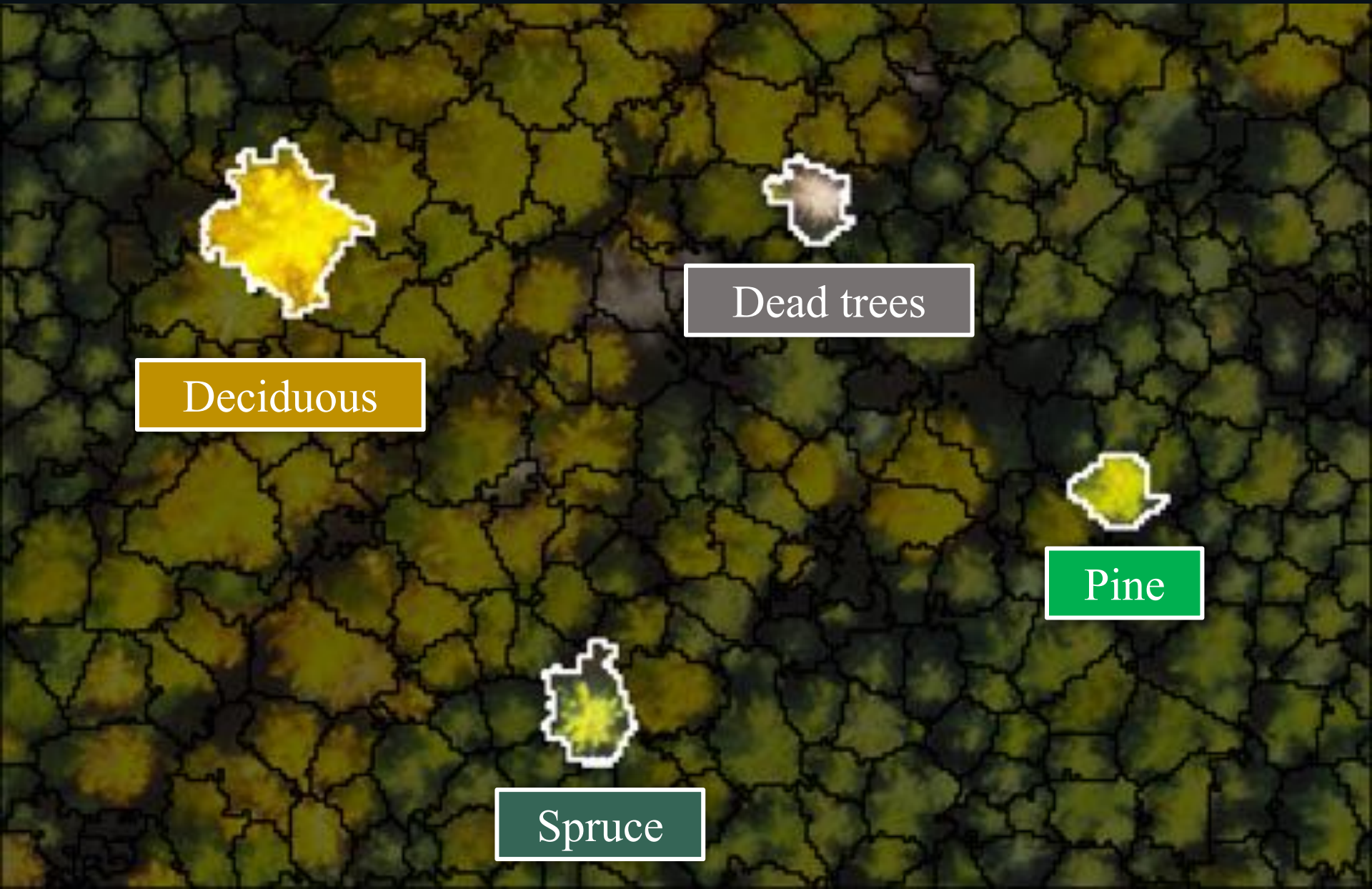
FYBR Imagery

Google Earth

FYBR

Automated individual tree detection.

Dead trees

Deciduous

Pine

Spruce

FYBR

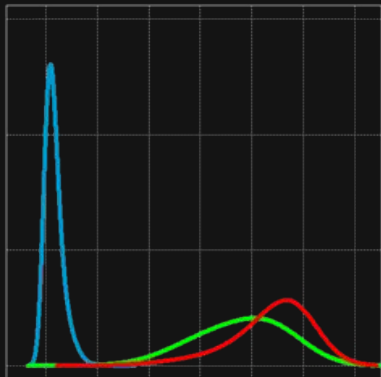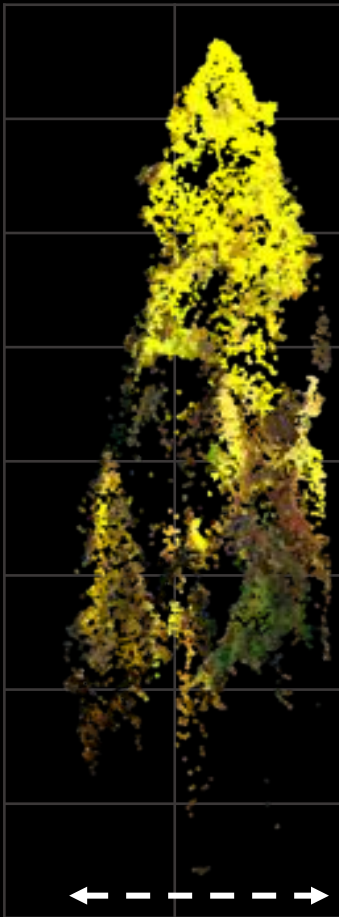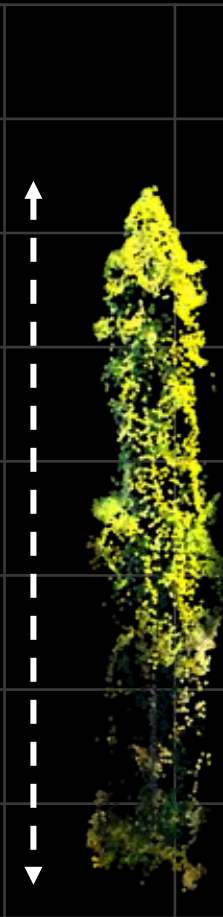High resolution spectral data supports the study of each stem.

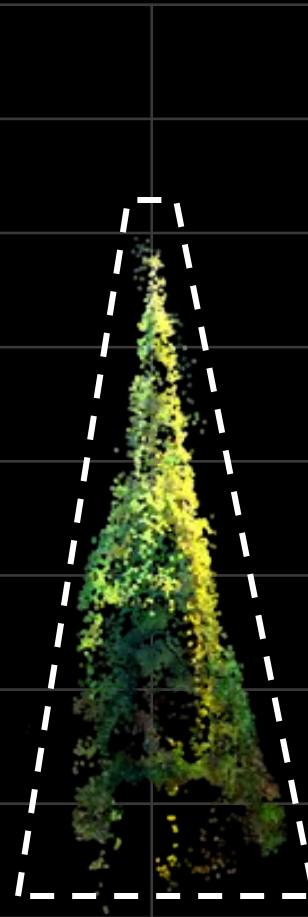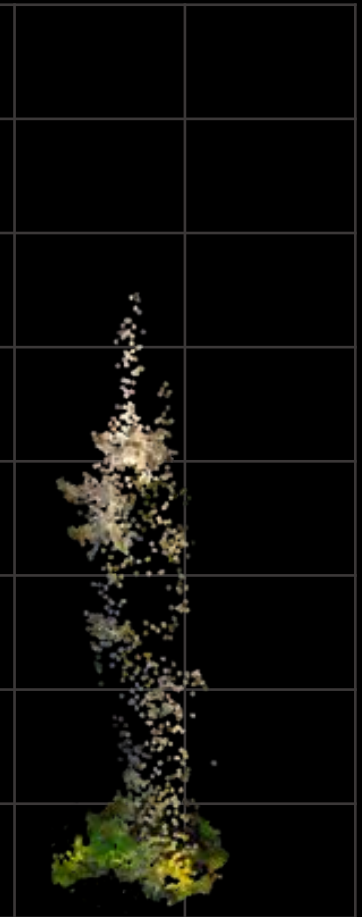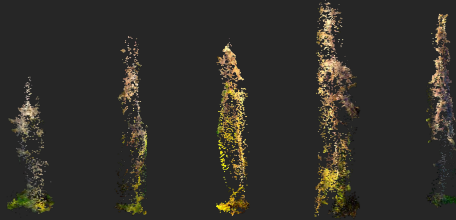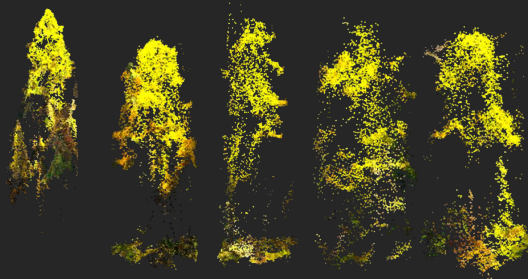Deciduous   Pine   Spruce   Dead trees

Deciduous

Pine

Spruce

Dead trees

FYBR

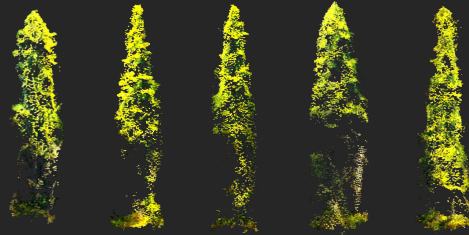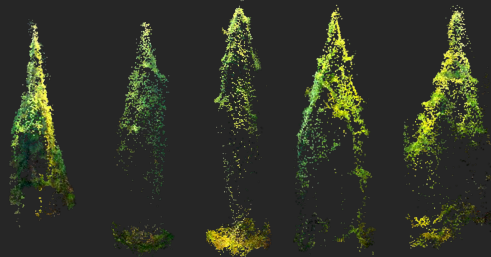Machine learning unlocks exceptional capability to view and analyze forests.

Dead trees

Deciduous

Pine

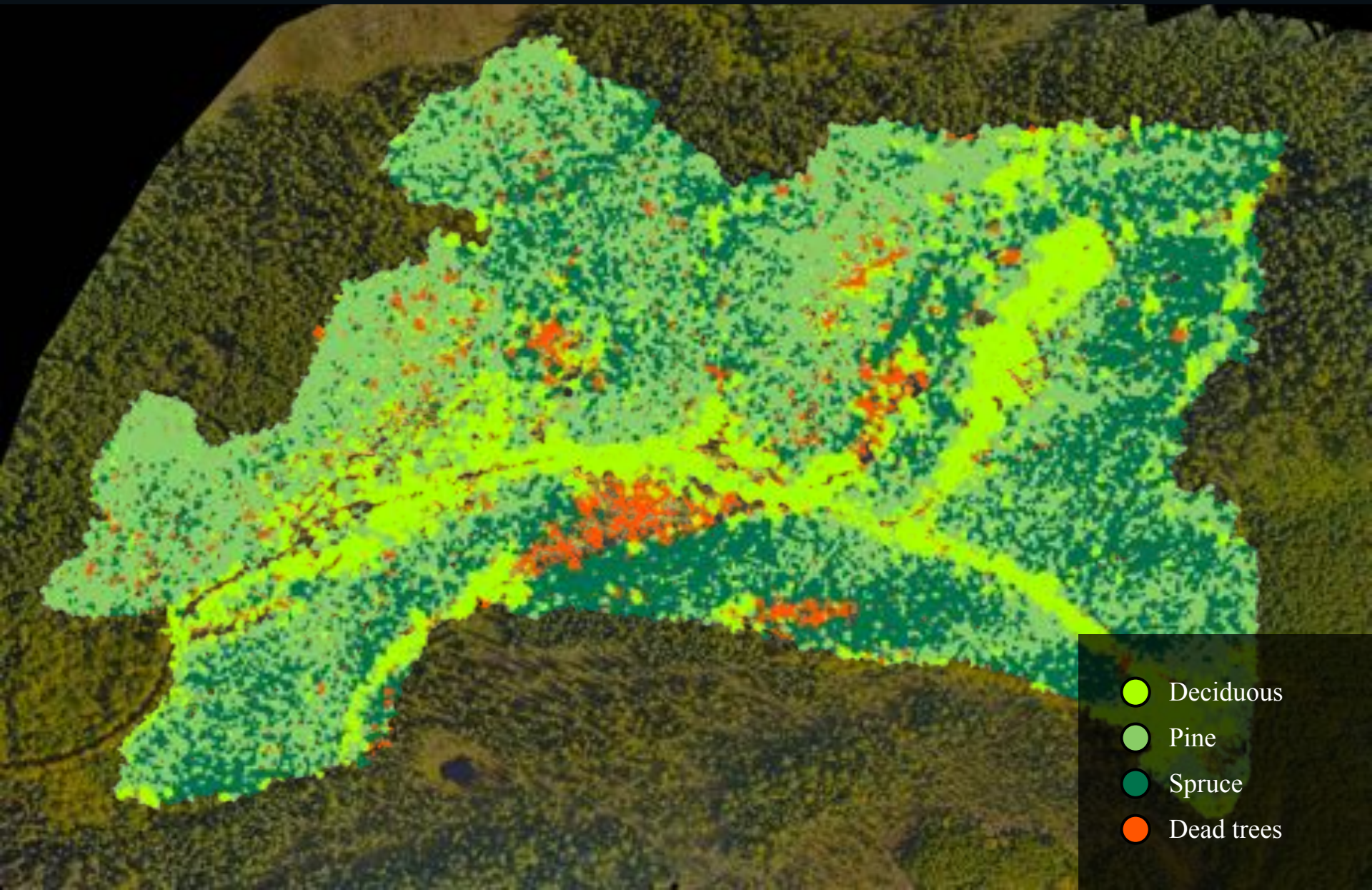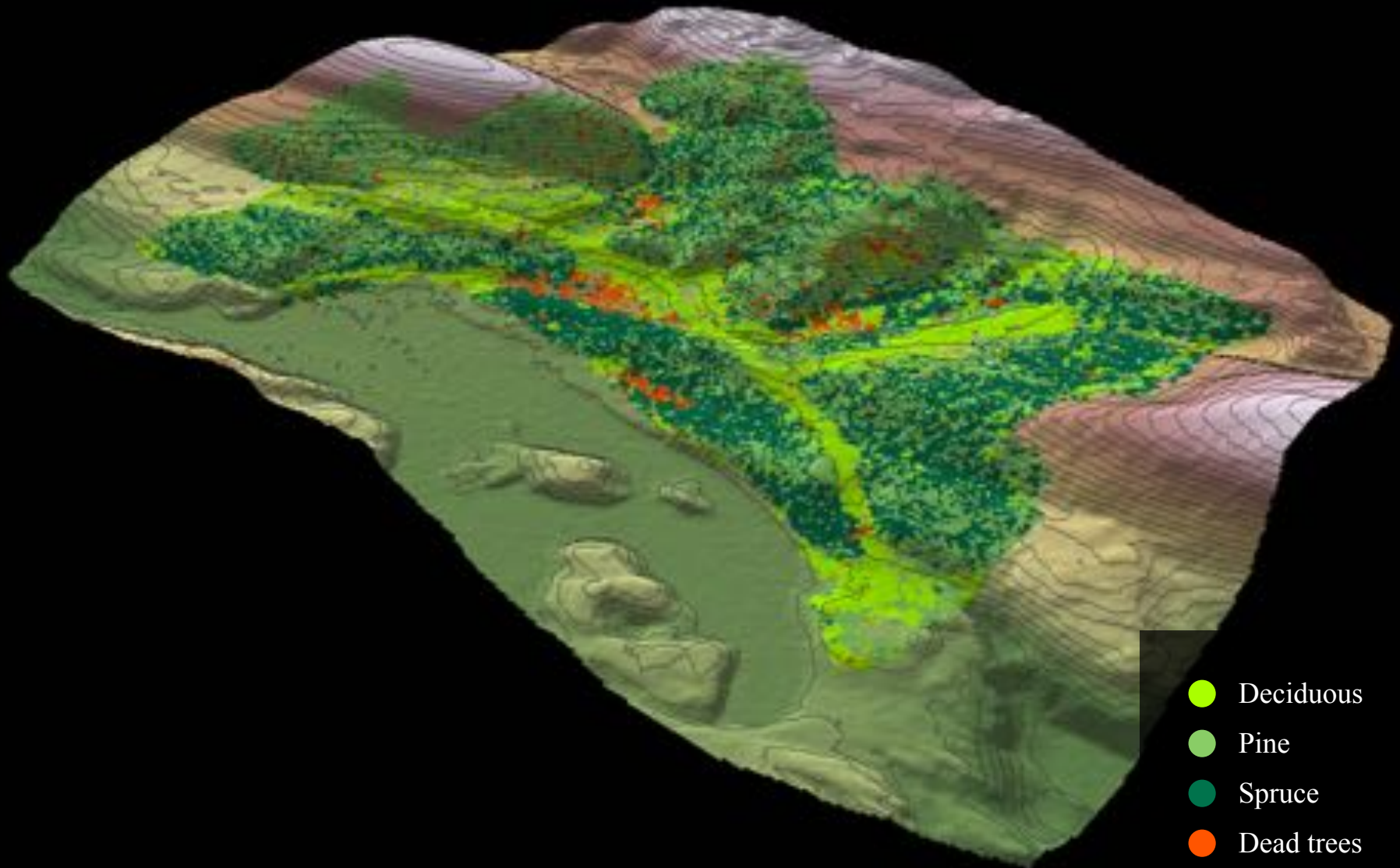Spruce

FYBR

Deciduous

Pine

Spruce

Dead trees

- Deciduous
- Pine
- Spruce
- Dead trees

FYBR

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

Quantity

Height above ground (m)

- Deciduous
- Pine
- Spruce
- Dead trees

EXAMPLE FOREST APPLICATIONS

Harvest Planning

Standing Inventory

Post-harvest Monitoring

Silviculture

Regeneration Monitoring

Photos: Canadian Real Property Law

EXAMPLE MILL APPLICATIONS

Site Monitoring

Log Deck Inventory

Chip & Hog Pile Volume

Lumber Package Tracking

Environmental Monitoring