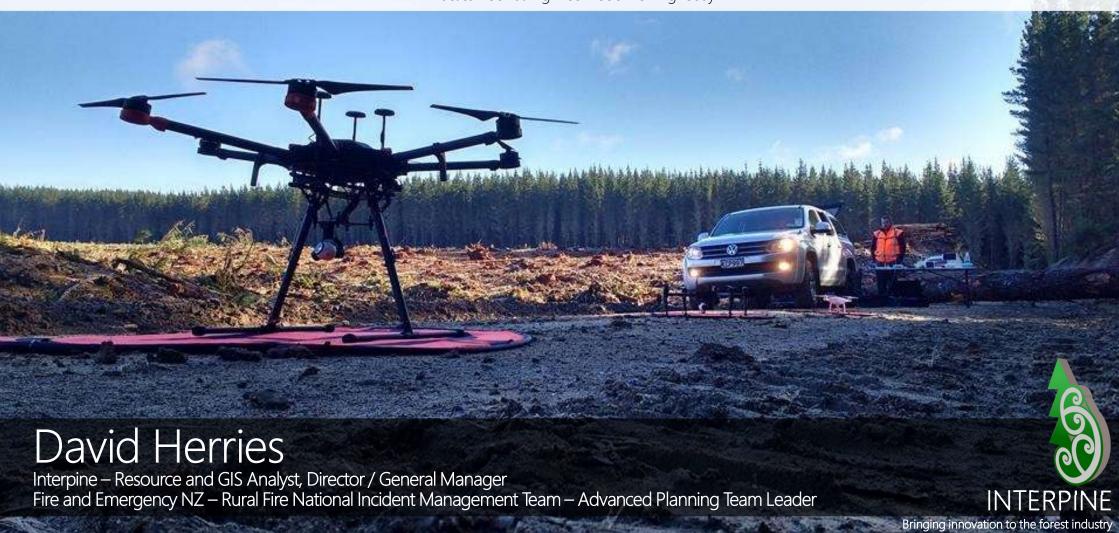
Implementing Precision Forestry A Practical Look at High Tech Tools Working Today



Implementing Precision Forestry A Practical Look at High Tech Tools Working Today













Tiwai Point Print Date: 26/01/2018 Print Time: 6:21:36 AM

Thermal Survey 26 Jan 0500 hr



Full burnt area has been surveyed by drone thermal sensor as of 0500 hrs.

Map can be downloaded to Avenza Maps (PDF Maps) app on smartphones by scanning the QR Code above.

Legend

Points SymboliD

- Priority Hotspot
- Hotspot

Fire_Points

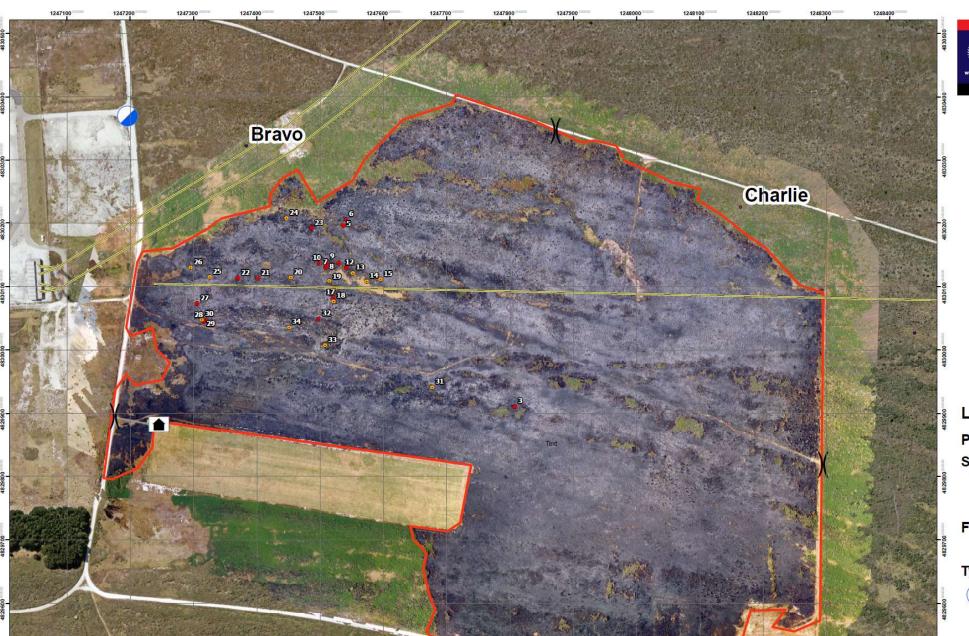
<all other values>

Type



Incident Control Point

Other Point Types





Tiwai Point Print Date: 26/01/2018 Print Time: 6:21:36 AM

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Fire_Points

<all other values>

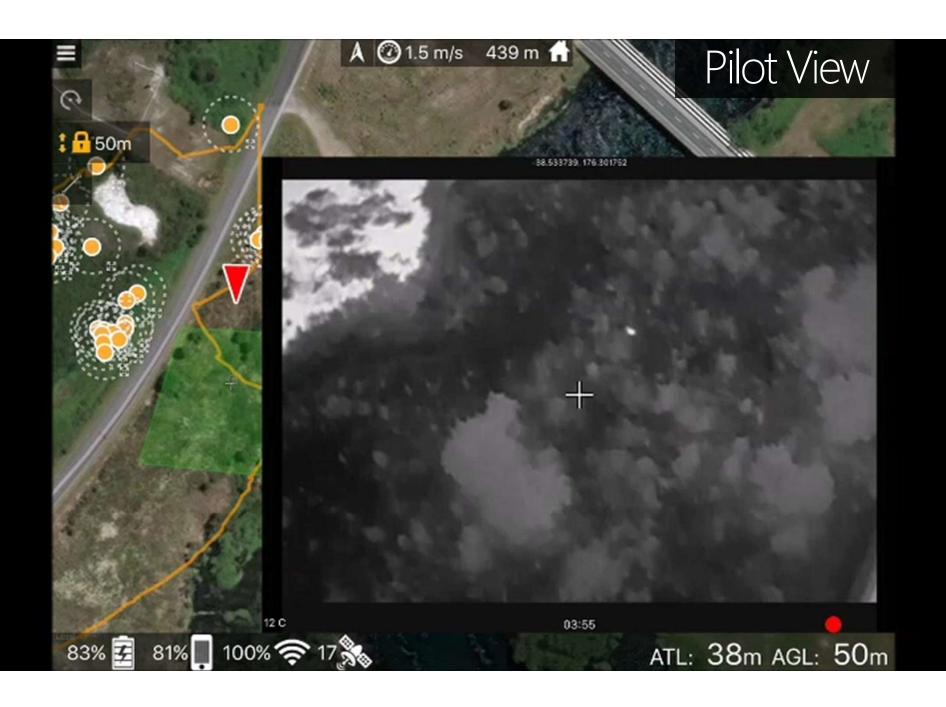
Type



Incident Control Point

Other Point Types









Tiwai Point

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<all other values>

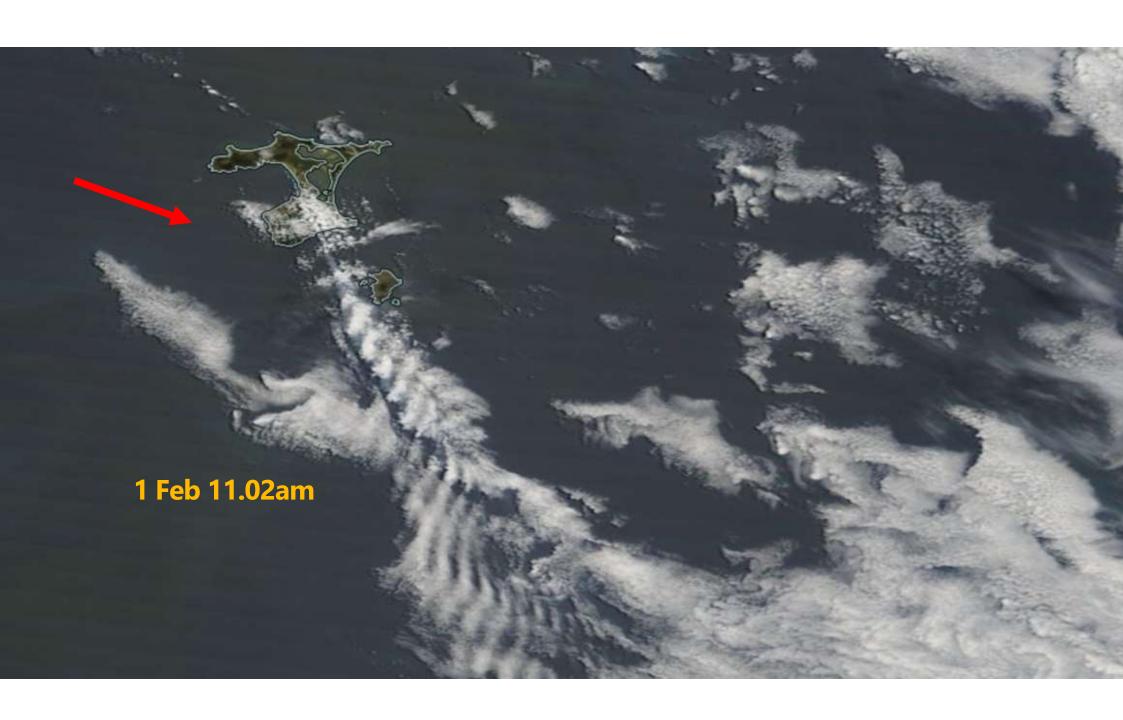
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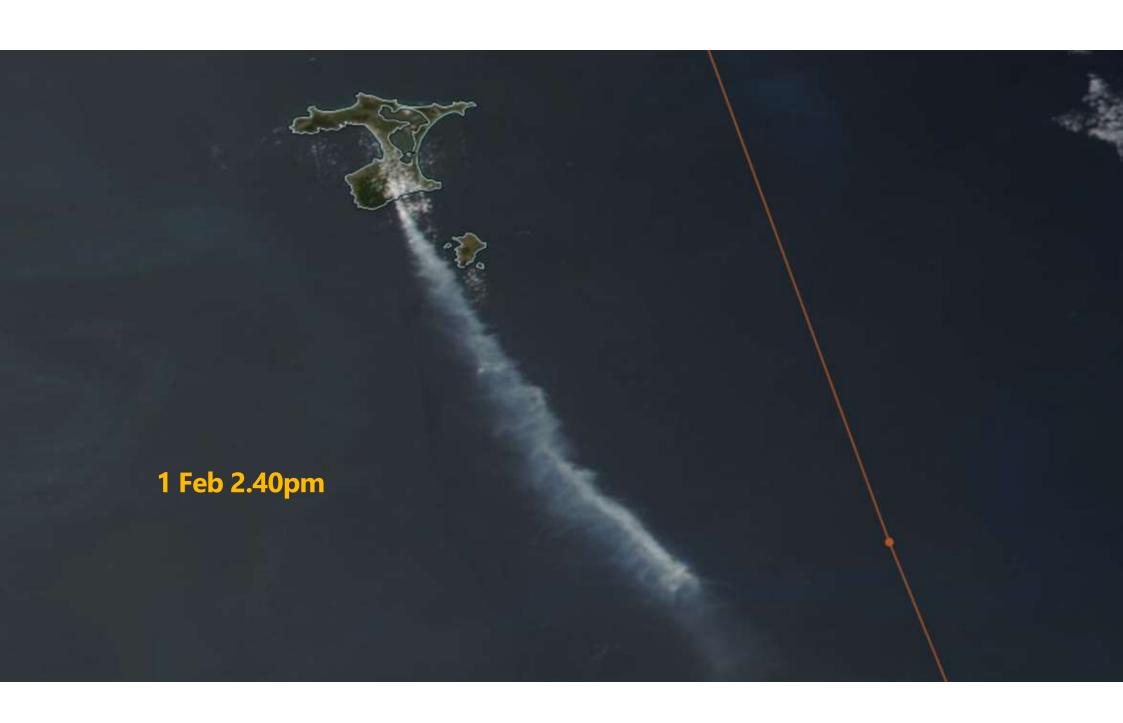


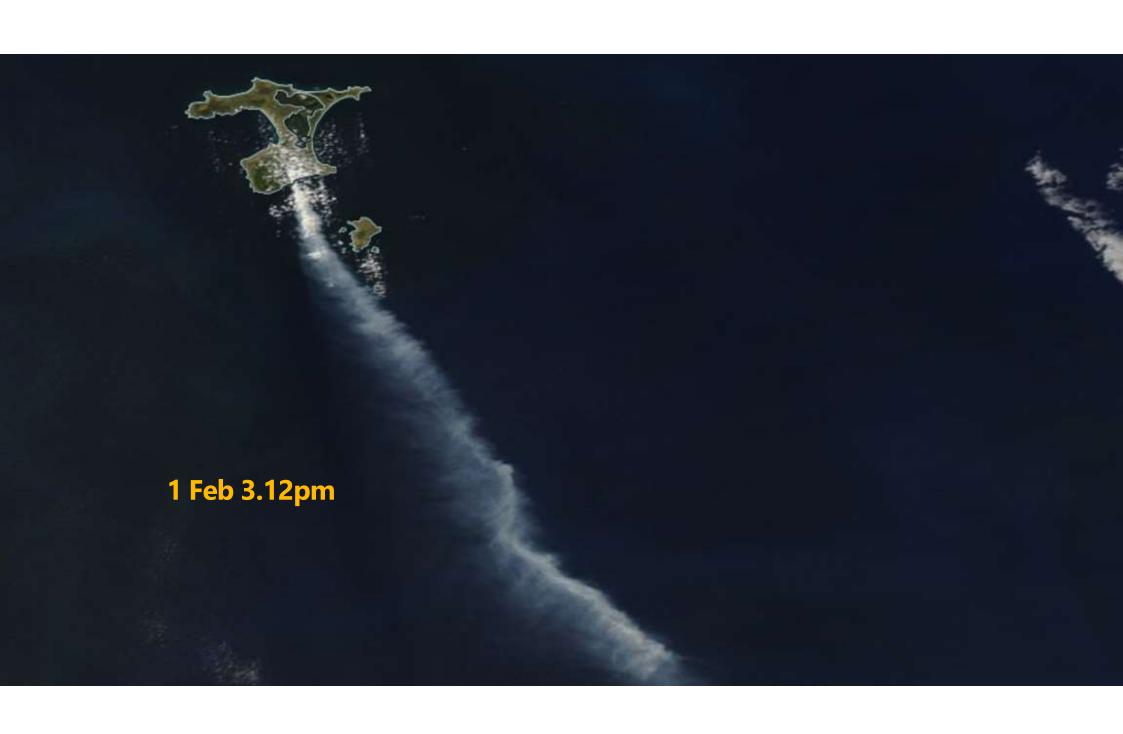
Incident Control Point

Other Point Types

1



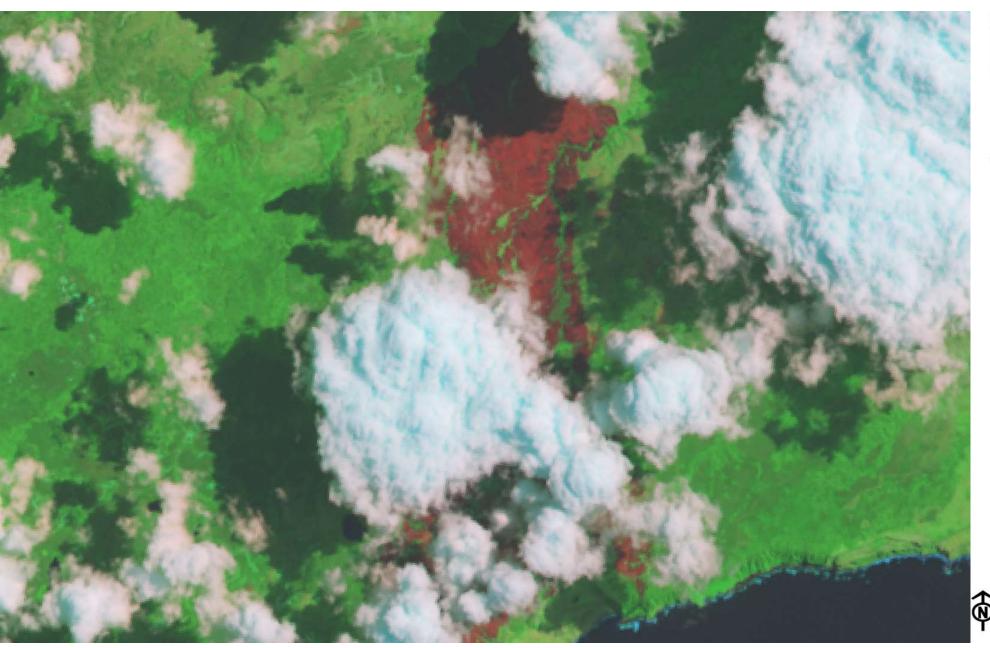






First Night of Fire 2.05am 2 Feb 2018







Makara Fire

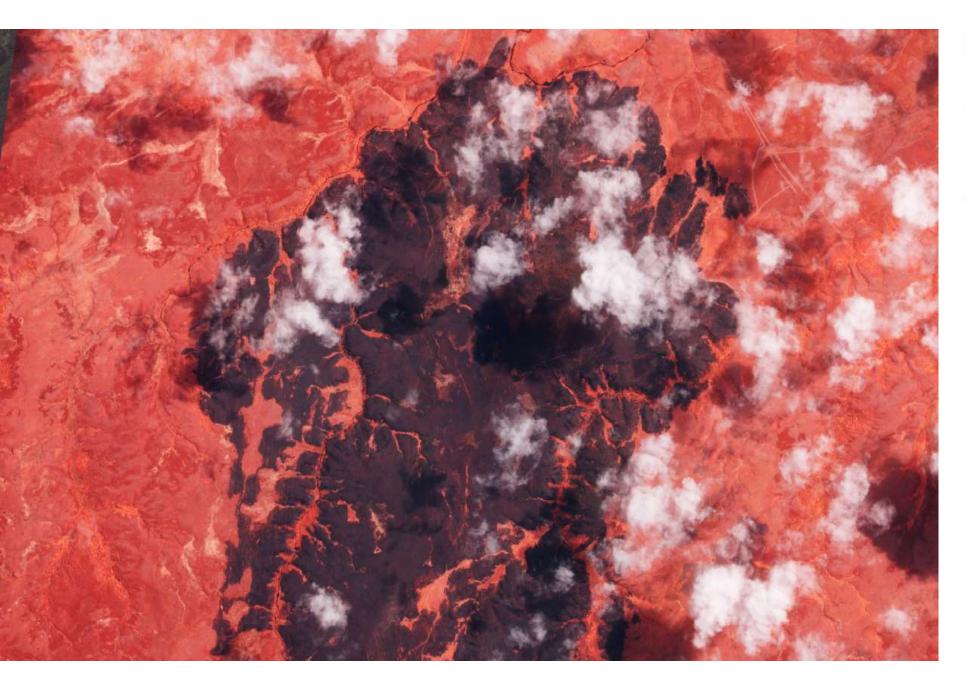
Map Date: 04/02/2018 Map Produced: 0700 10/02/2018

Aerial Satellite Shortwave Infrared 4 Feb



1:30,000 1 cm = 300 meters

Page size: A2 Coordinate System: NZTM Prepared by: Patrick de Jong



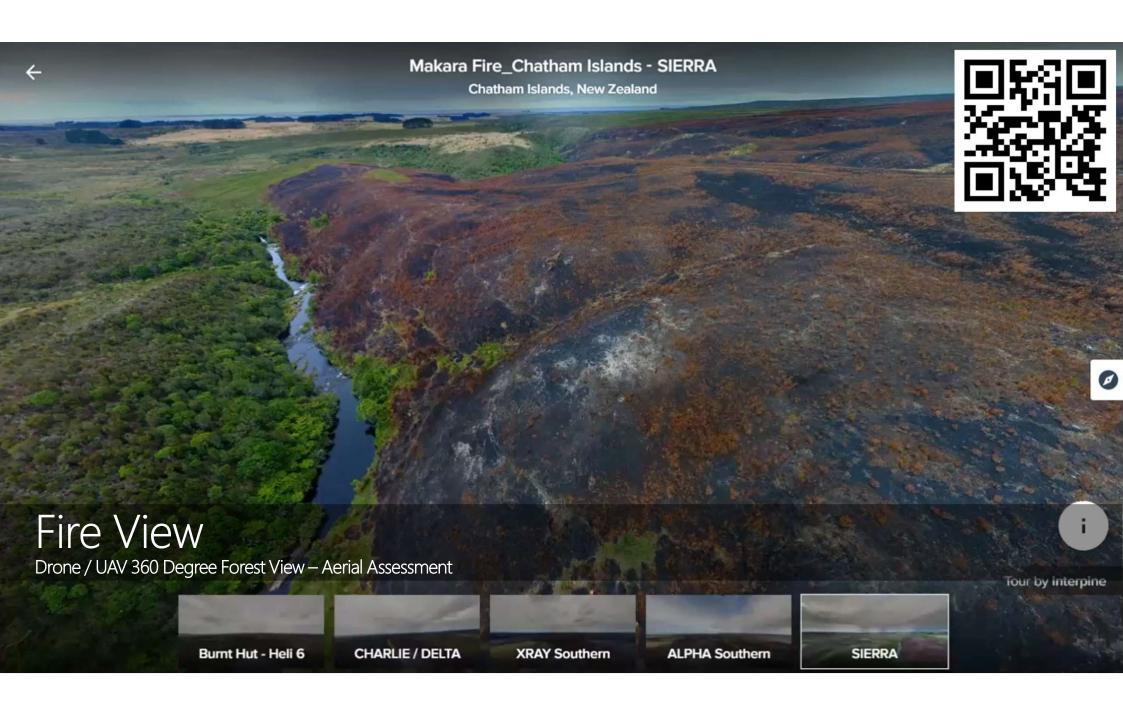


Makara Fire

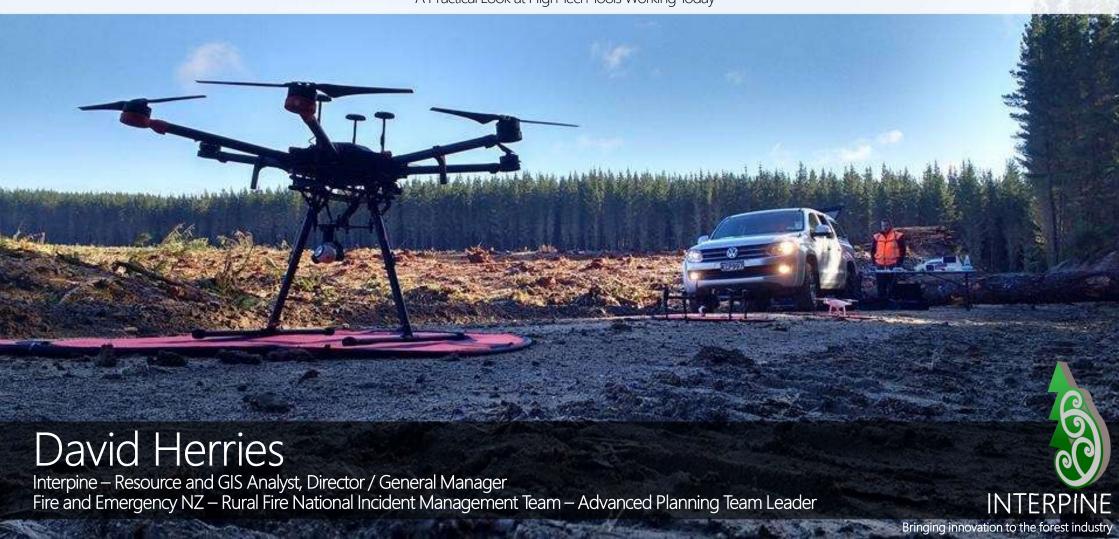
Map Date: 06/02/2018 Map Produced: 0700 10/02/2018

Aerial Satellite NIR North Extent 6 Feb 10.43am





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Tue 23/01/2018 5:06 PM

NASA FIRMS <noreply@modx.nascom.nasa.gov>

FIRMS Rapid Alert Id 17526, modis-c6 (Mark)

To Mark Forward

1 If there are problems with how this message is displayed, click here to view it in a web browser.



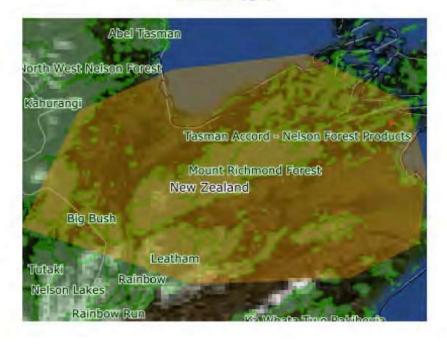
R_FirePoints_17526_180122230543_modis-c6.csv _ Xa, 560 bytes

Bing Maps

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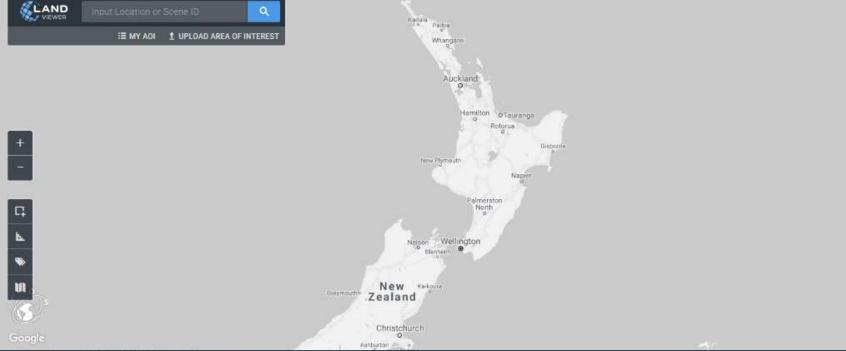


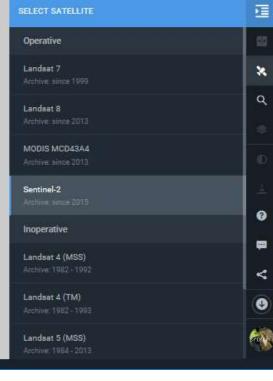
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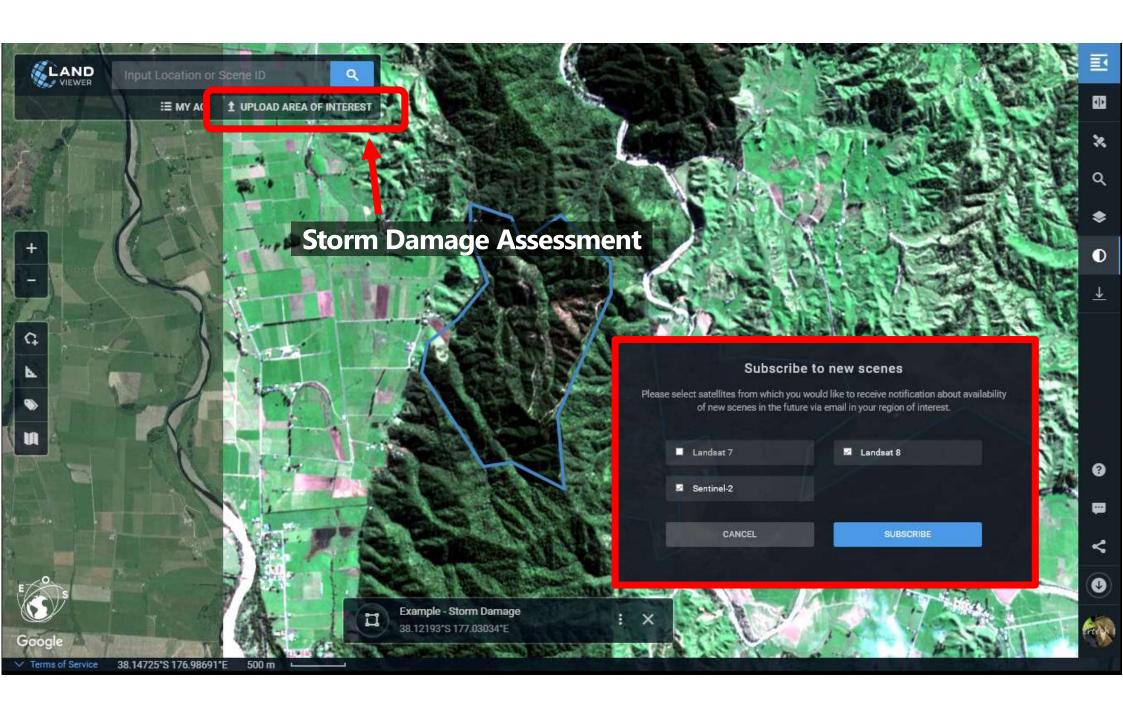
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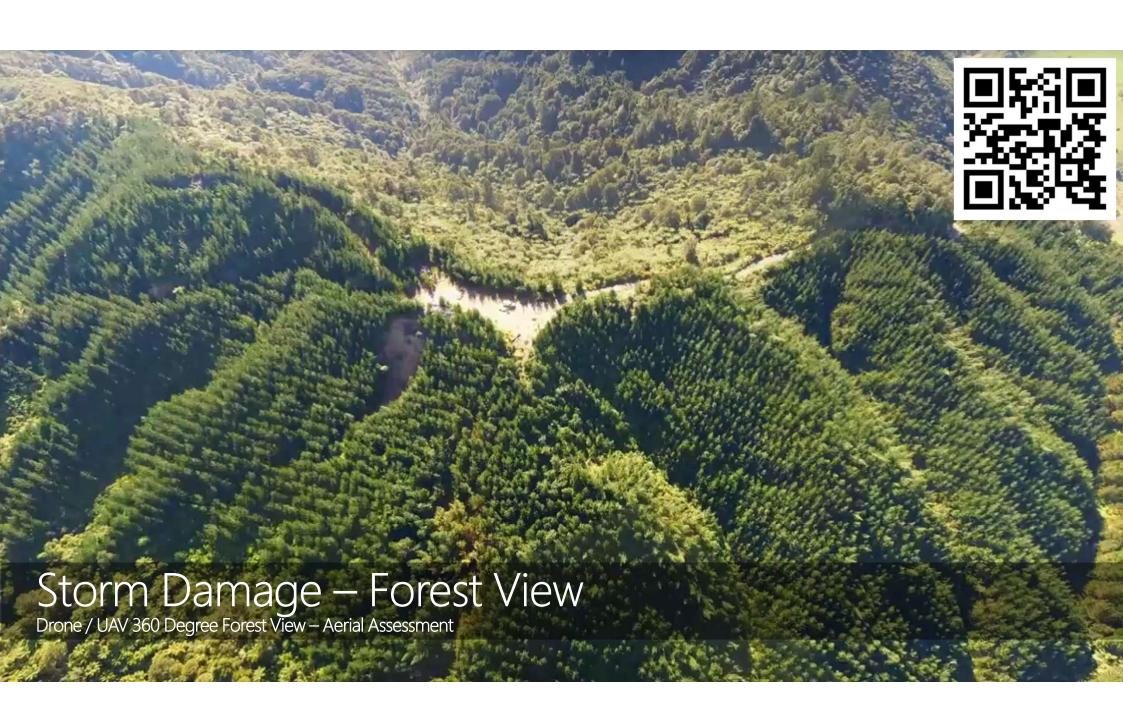
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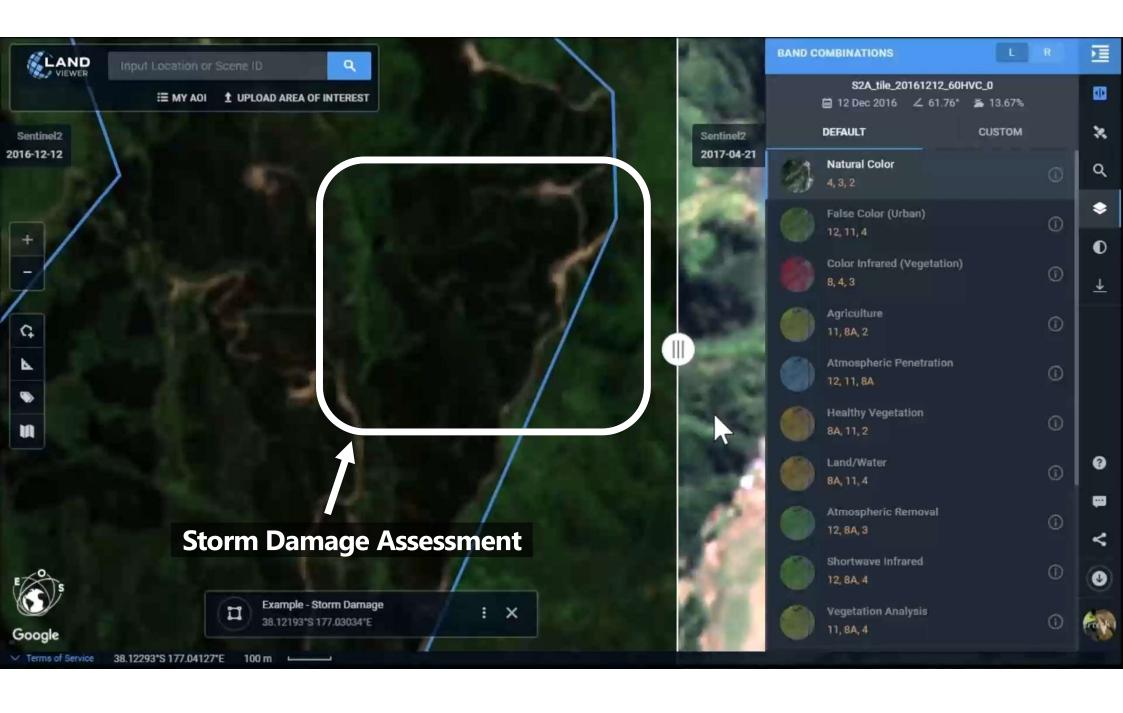


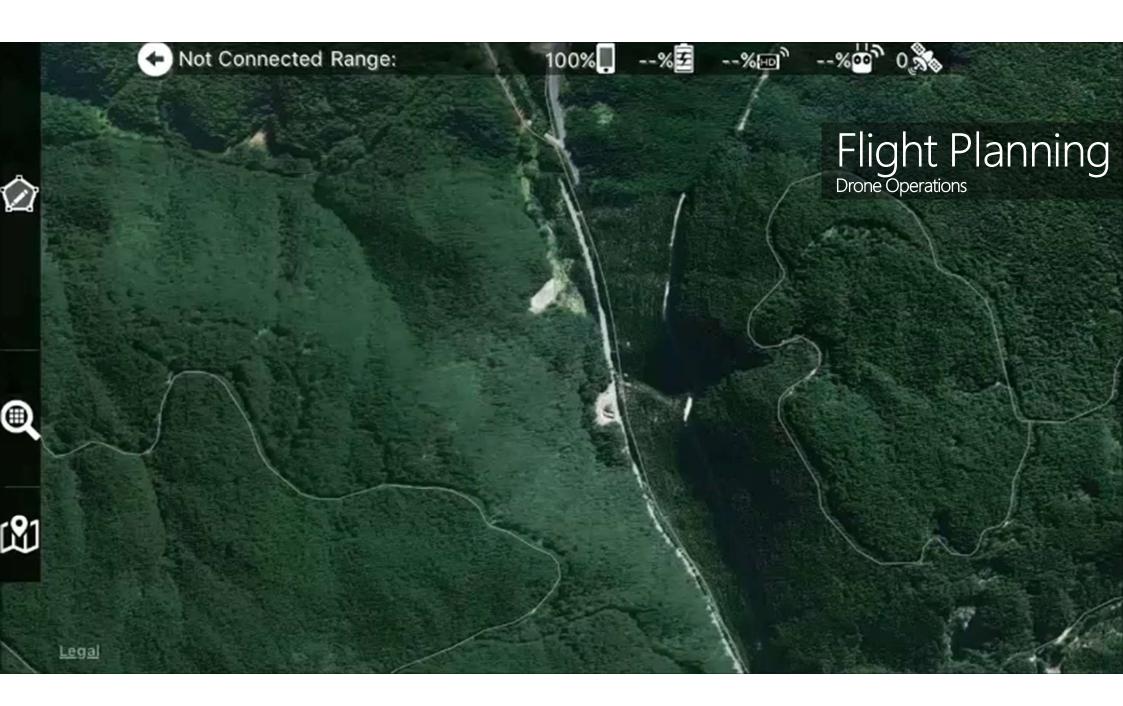




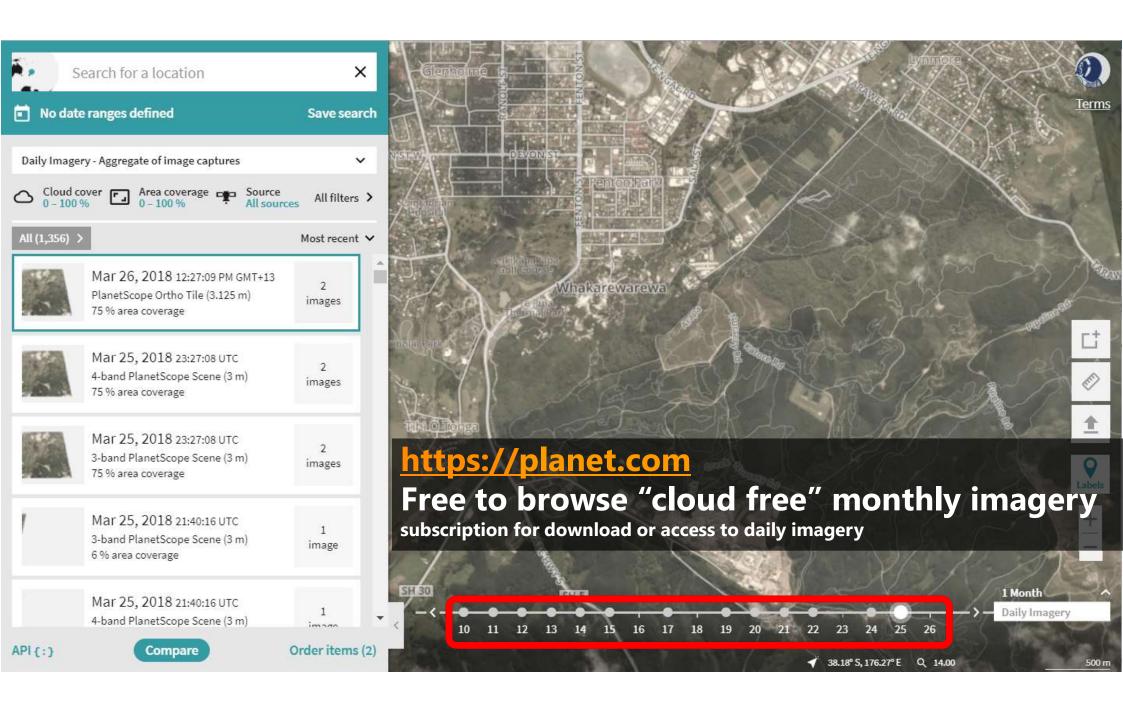


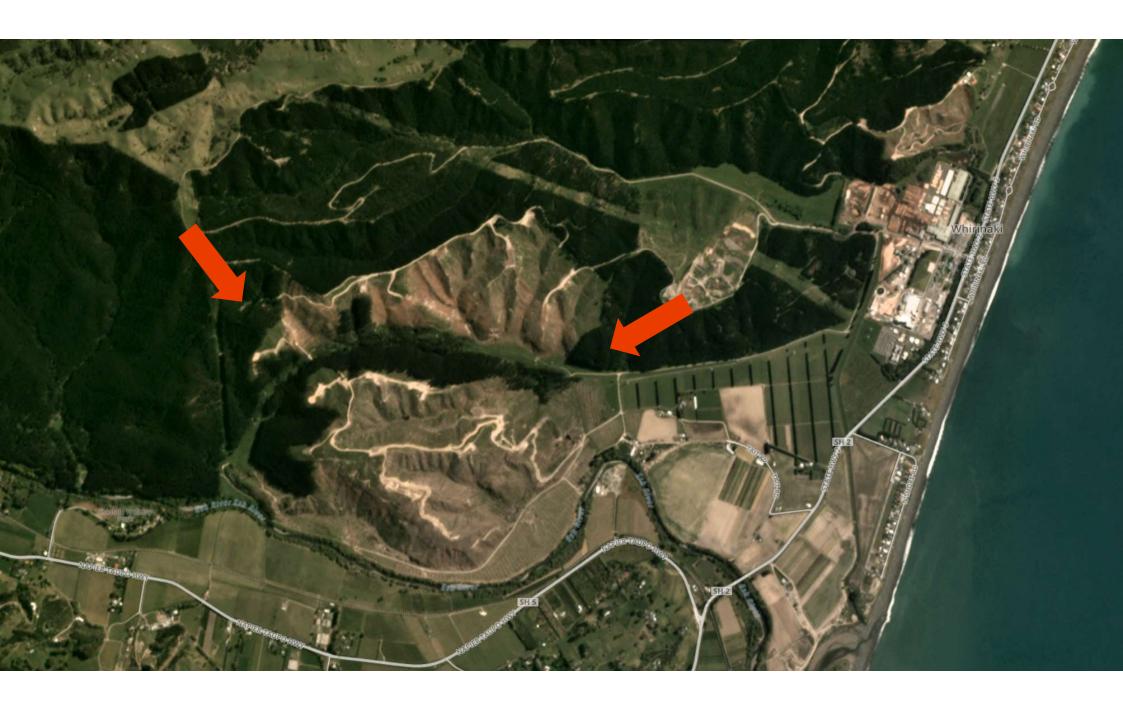






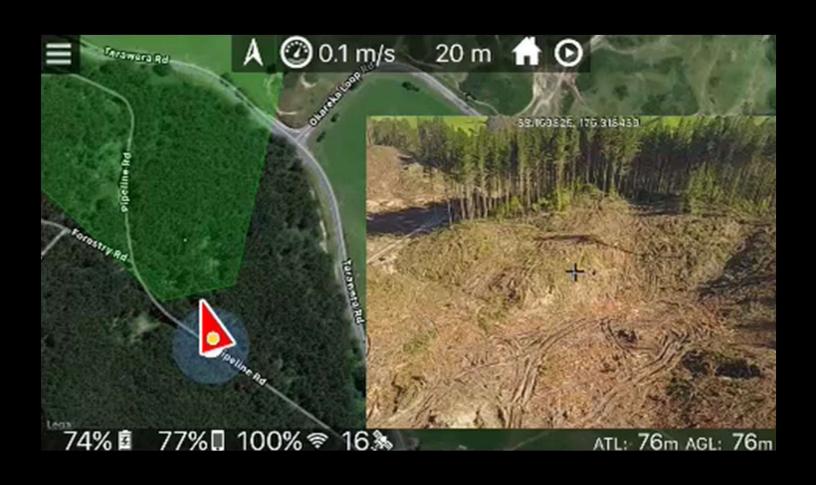


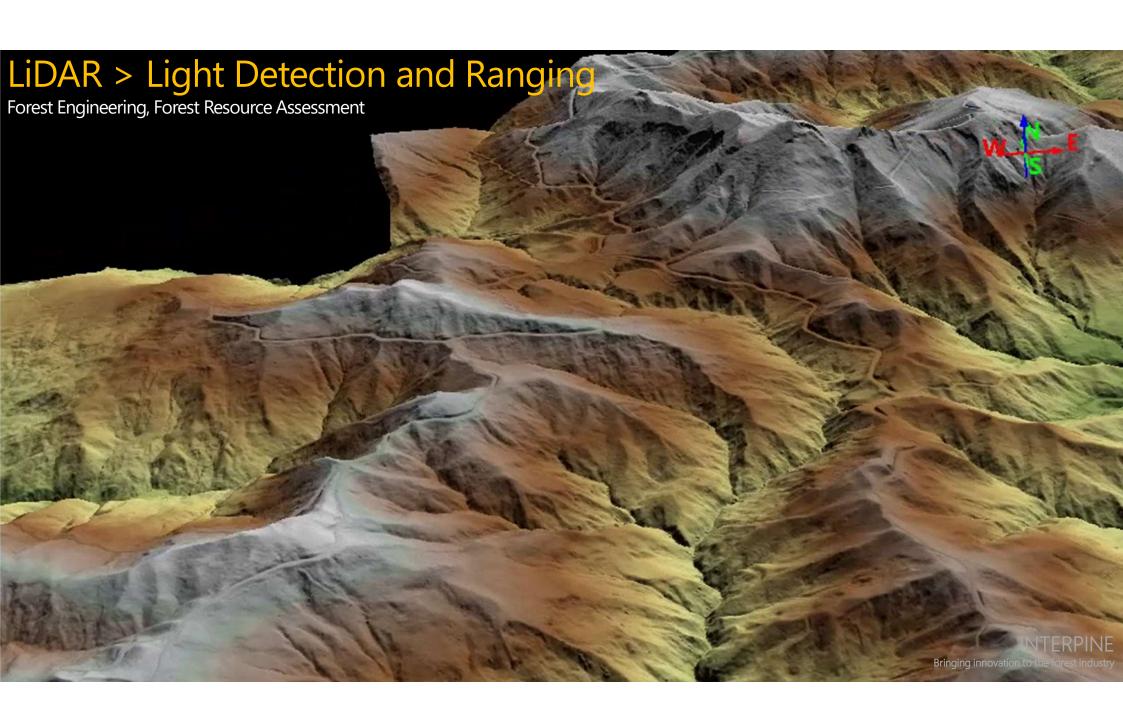


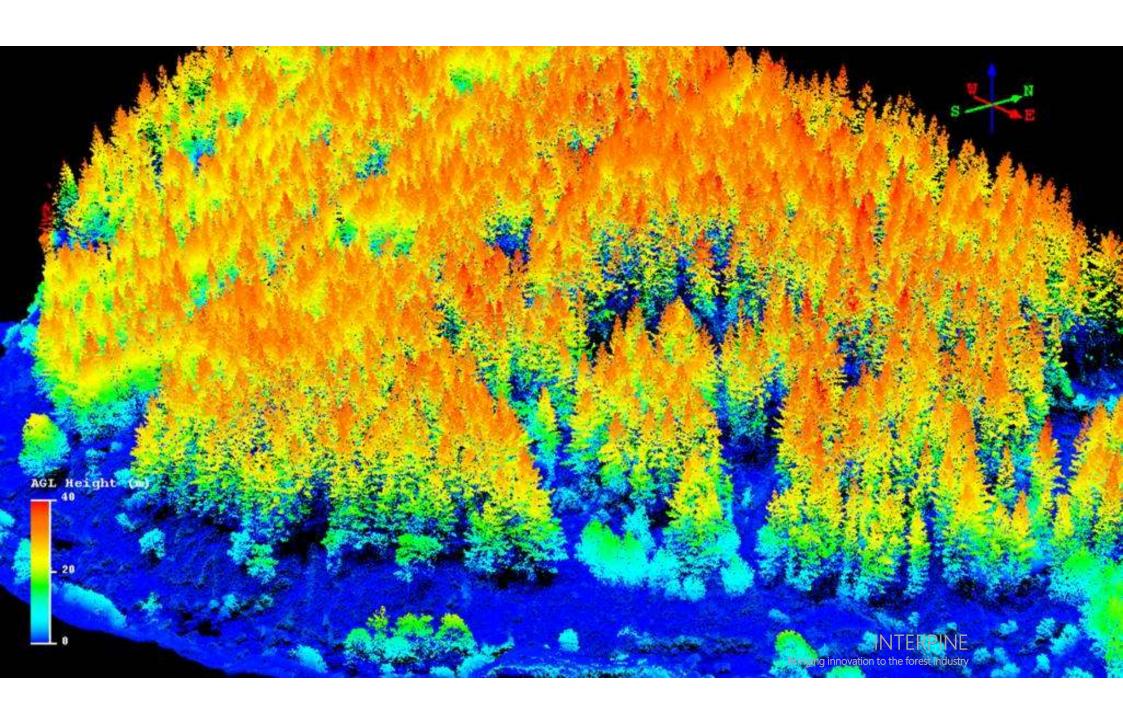


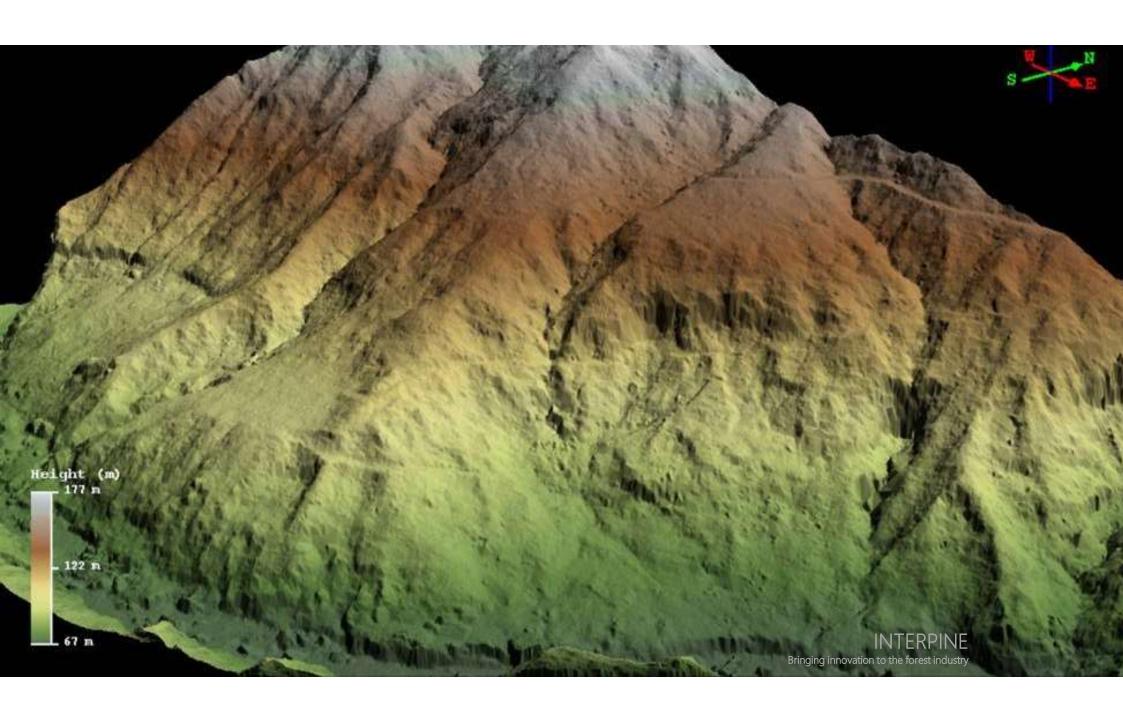


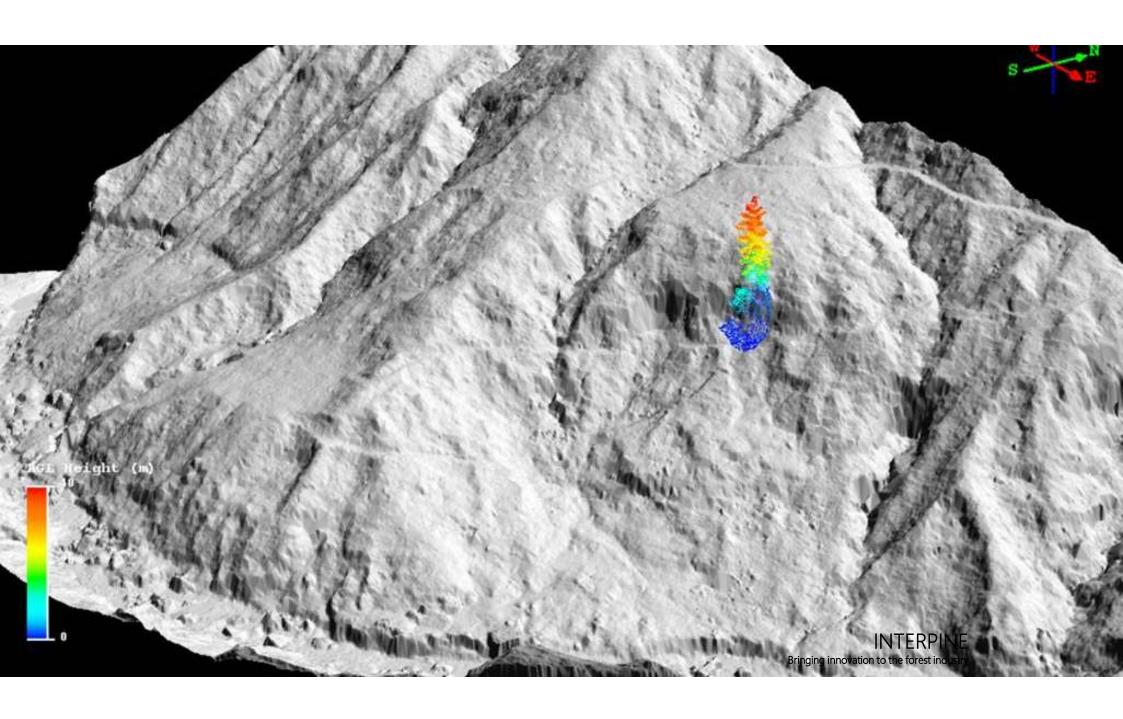
Harvest Area Markup > Live Full Motion Video Analysis

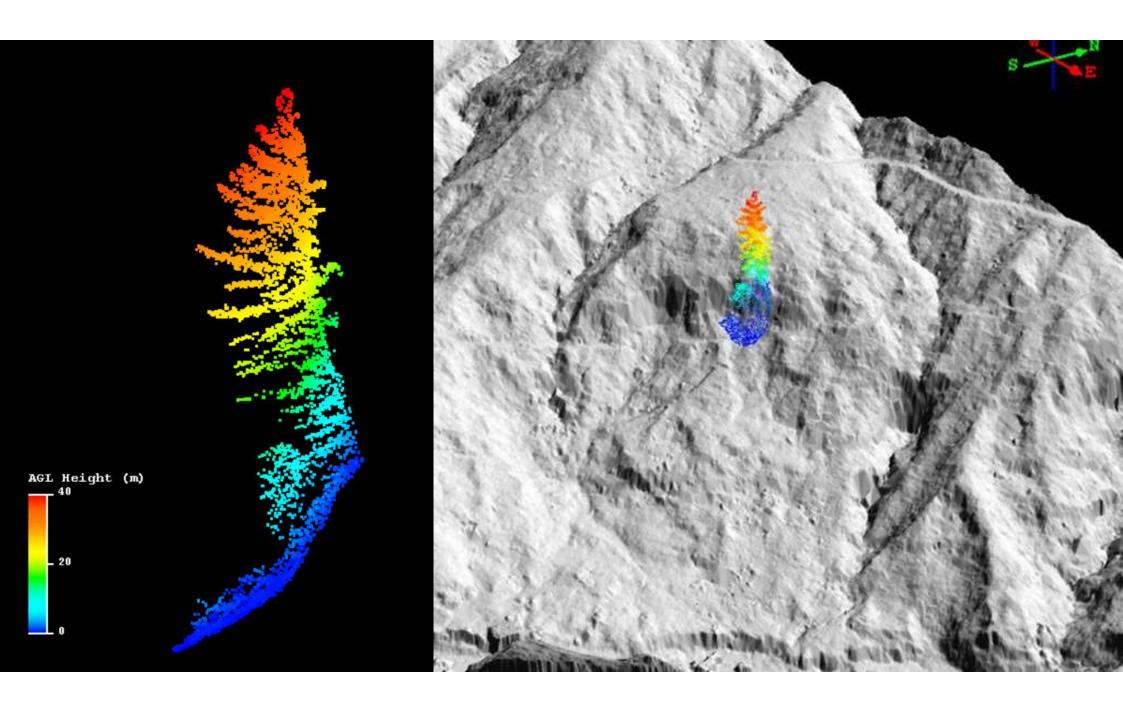


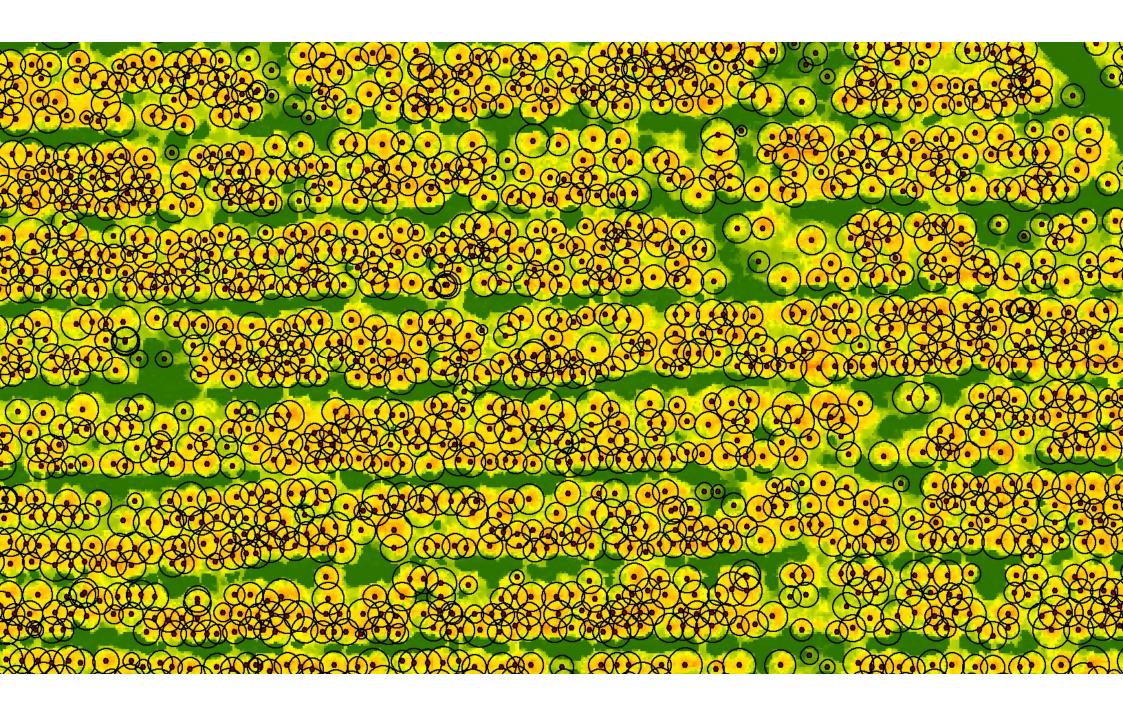












LiDAR Why?

"proved eerily correct"

"Convincing everyone of the benefits, both financial and operational is key, but once they have LiDAR – operationally and strategically they will wonder how they ever lived without it"

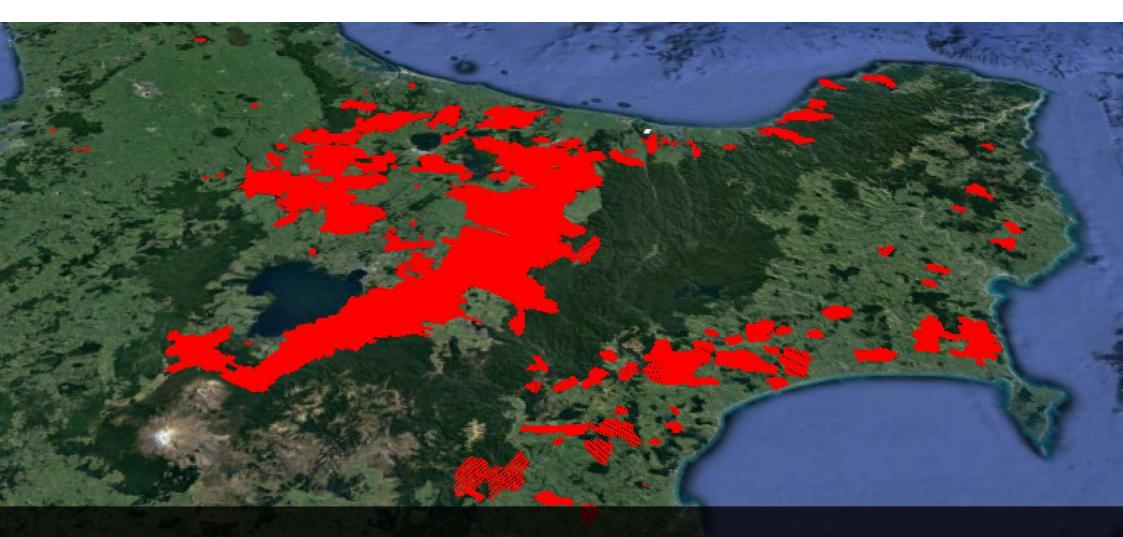
FCNSW – Mark McRostie

"predictions and realised volumes are highly consistent at the grade level, spatial patterns of grade recovery and volume were consistent with harvester data provided by Interpine's STICKS"

OneFortyOne – Jan Rombouts

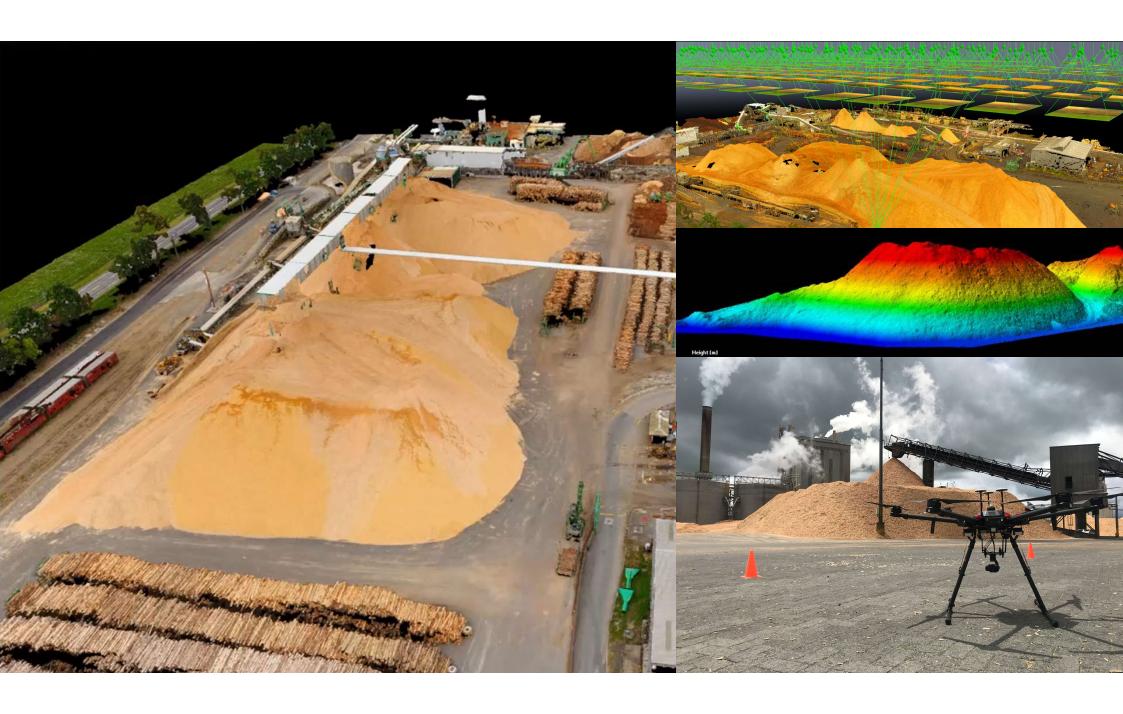
"provided a comprehensive description of the estate, generic yield tables have replaced with LiDAR and results feed into 5 year cutplan and harvesting, silviclutural prescriptions"

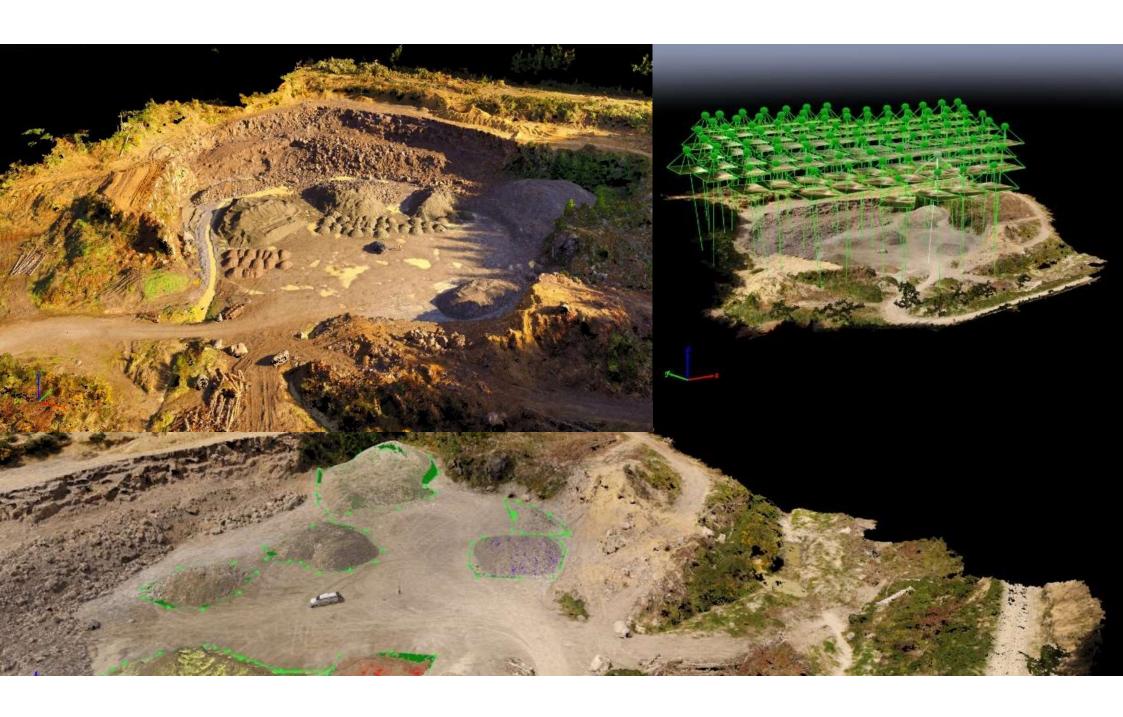
Timberlands Pacific – John Moore

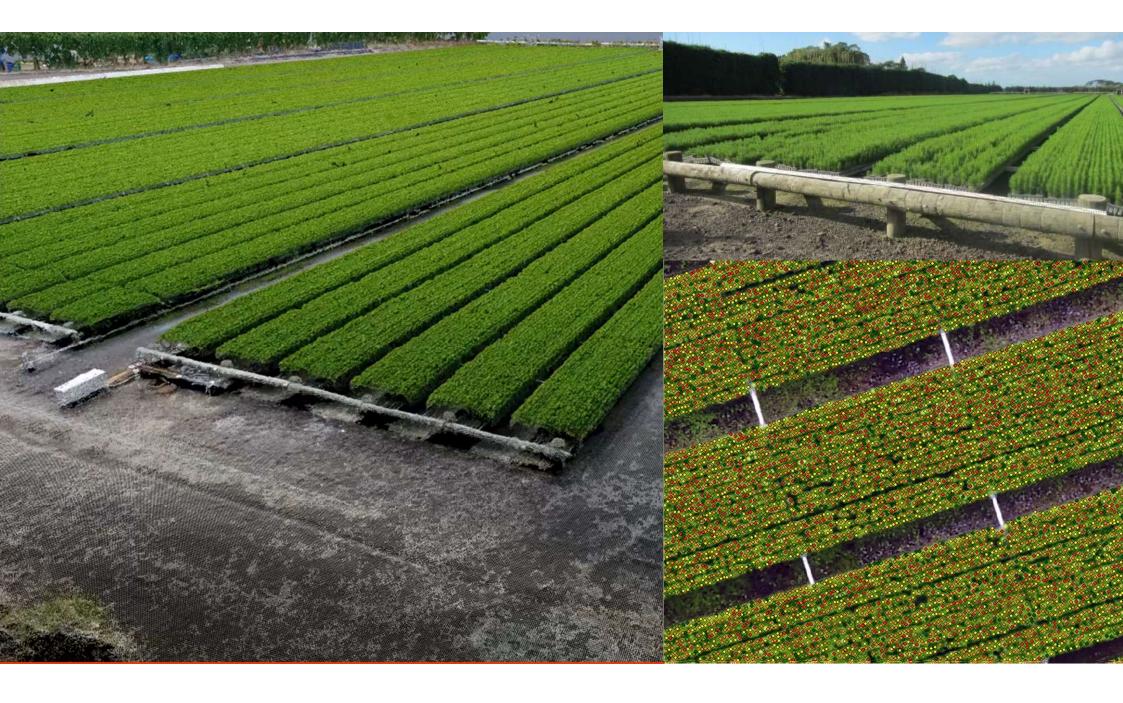


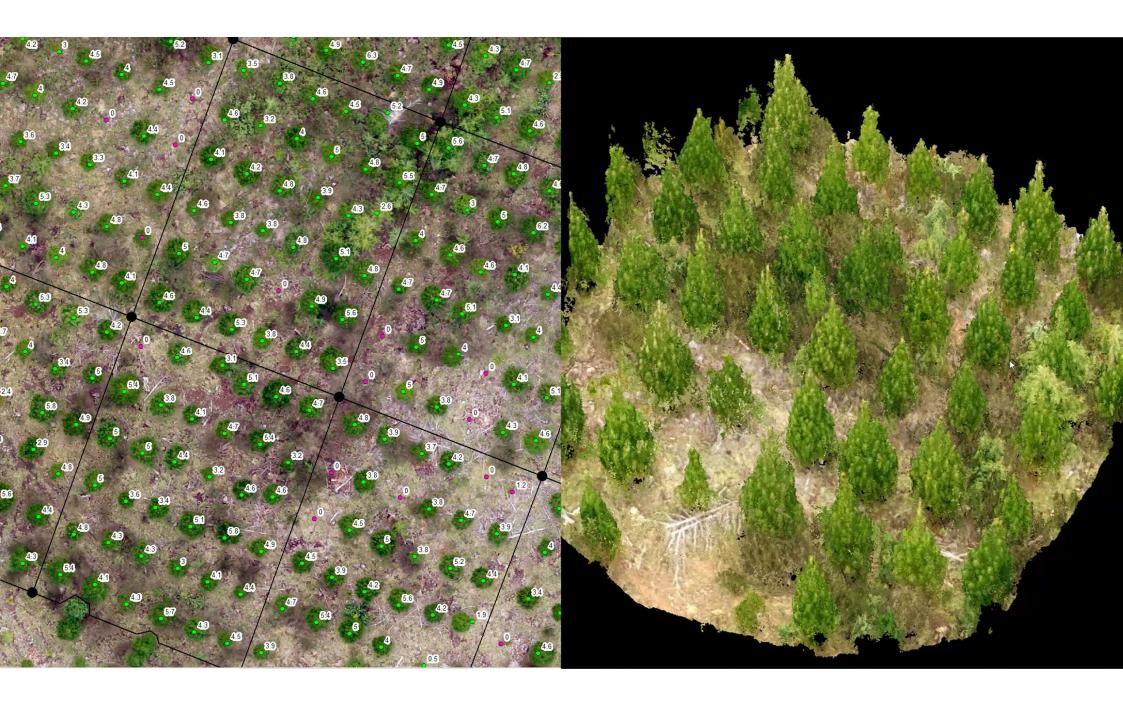
New Zealand 2017 Forestry Sector Initiative 561,000 ha Plantation Forest across 15 Parties

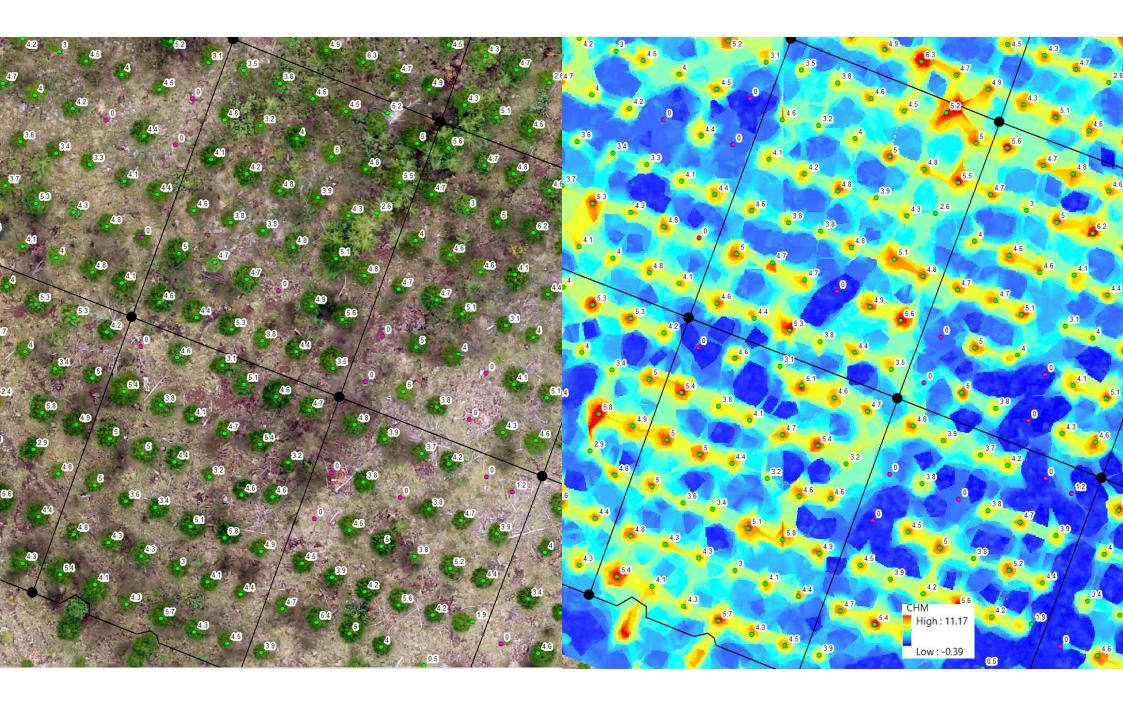
Ultra Dense Point Cloud Data for Forest Inventory 7,700 pulses per m2, up to 11 returns per pulse



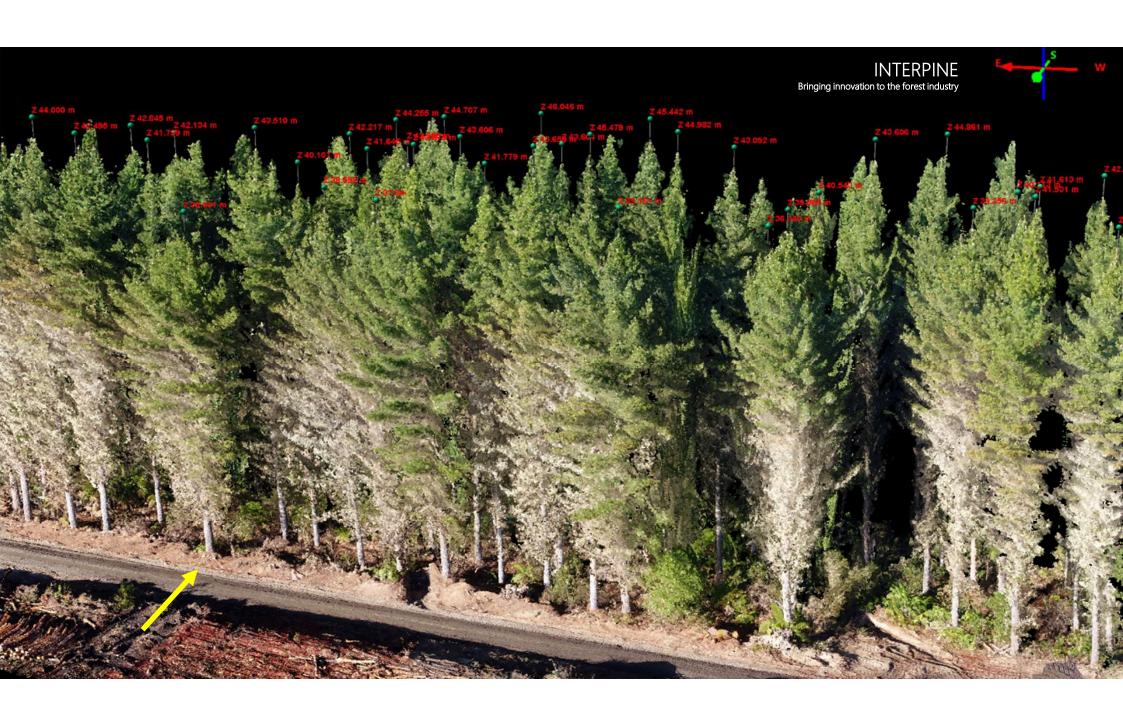




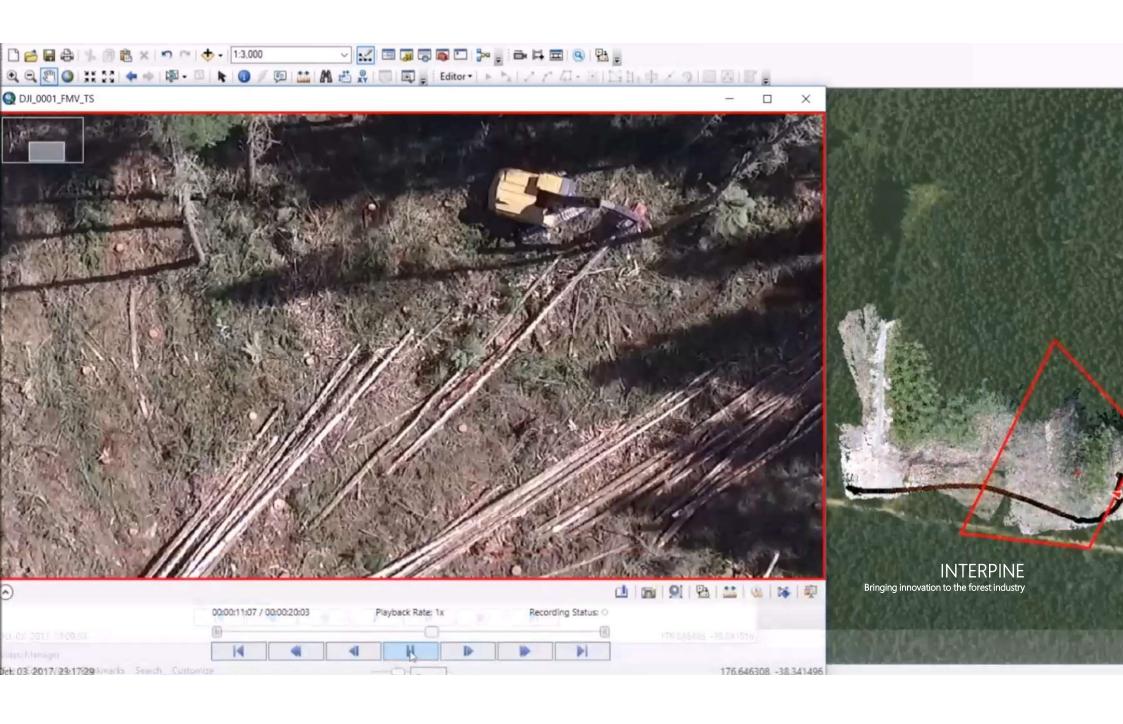


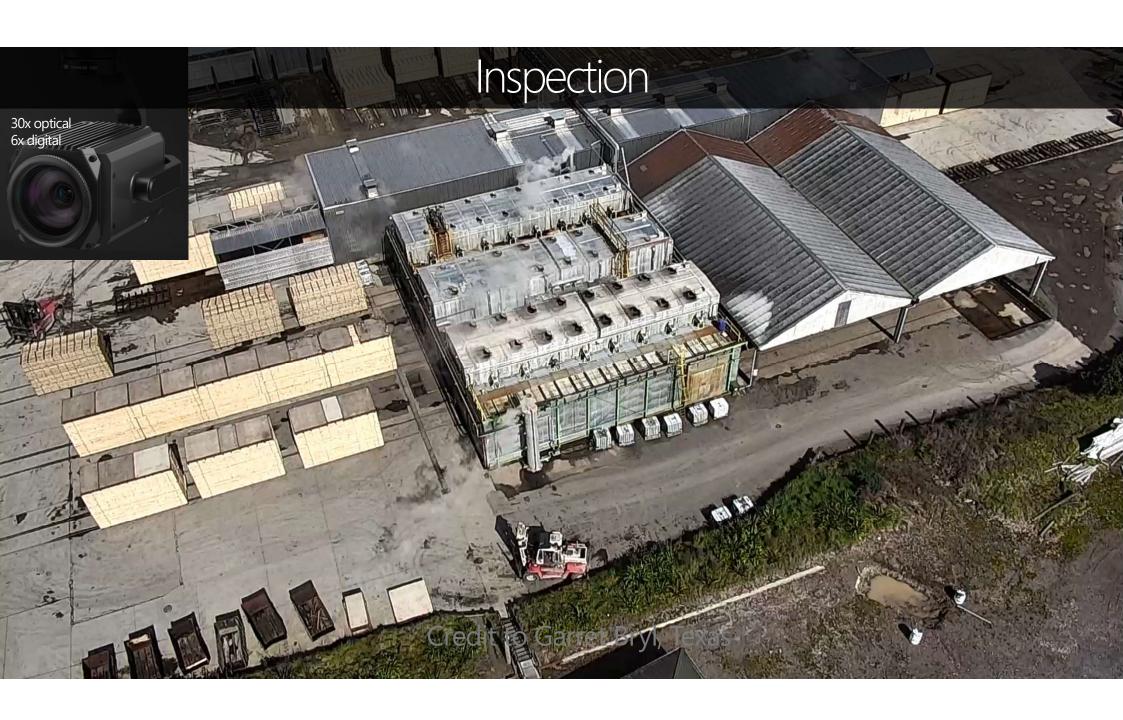












Inspection

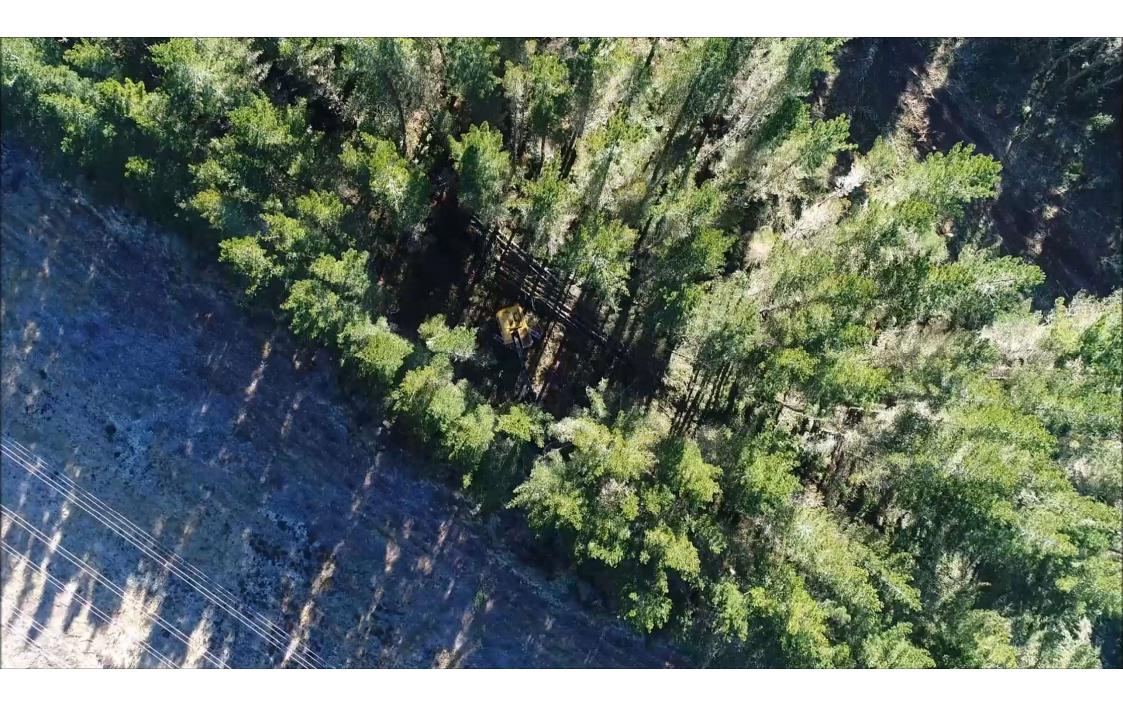


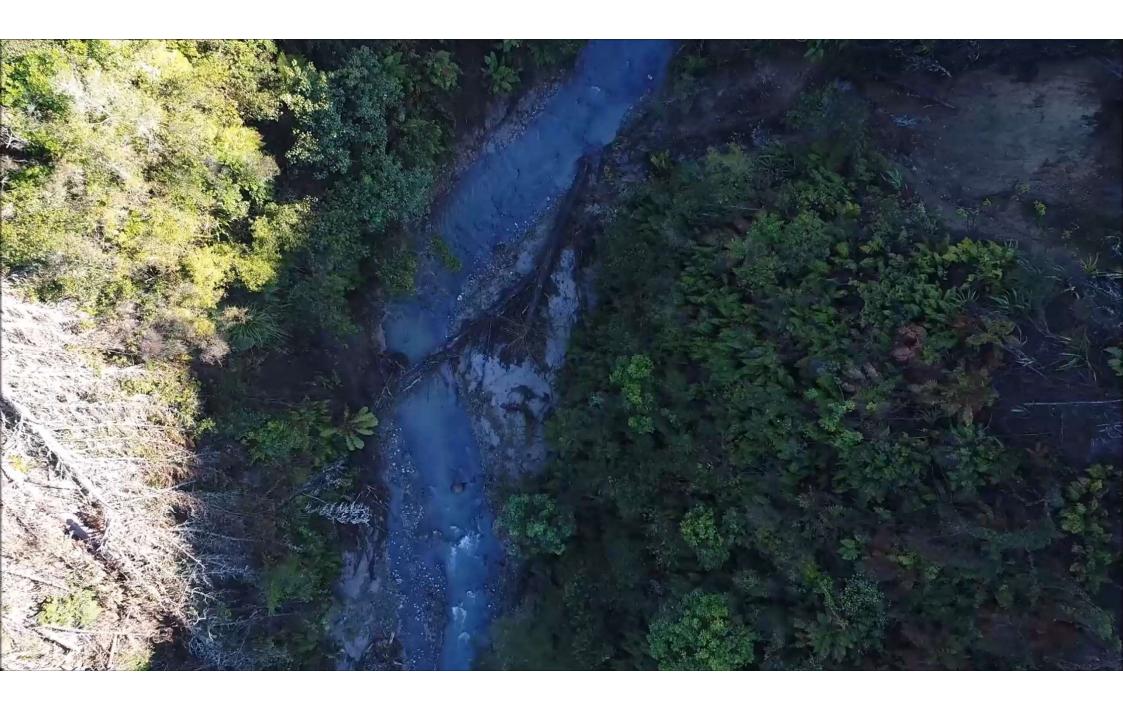
Seedling Delivery and Synthetic Straw-line Layout

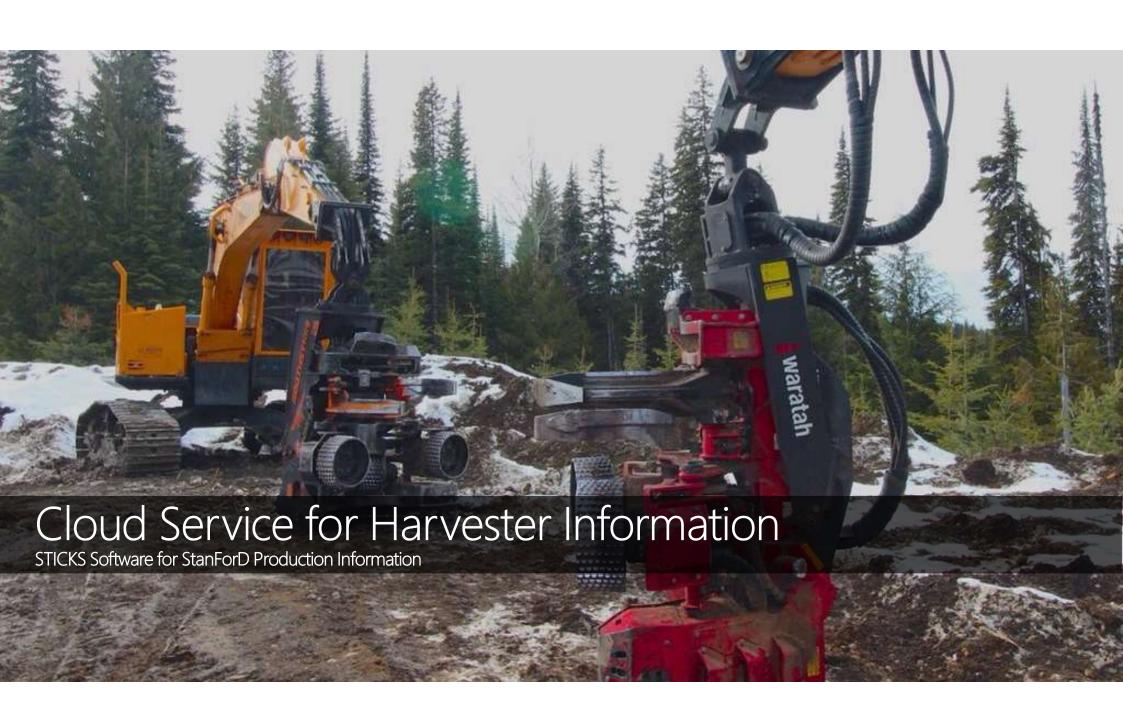








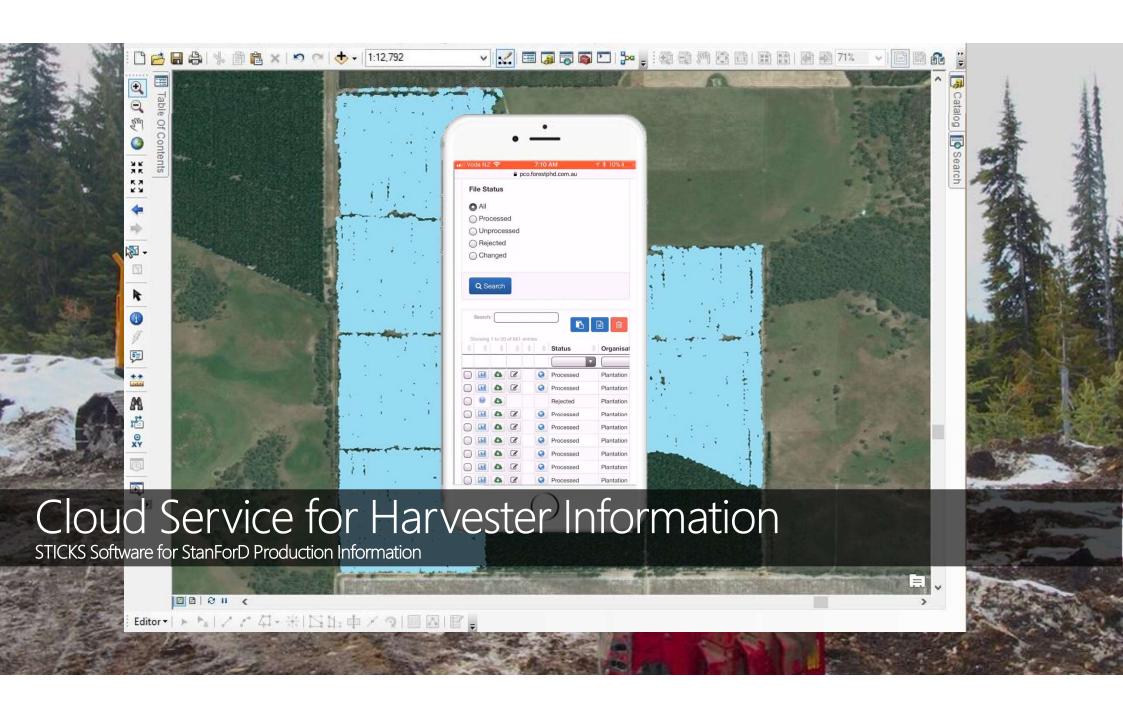






Cloud Service for Harvester Information

STICKS Software for StanForD Production Information

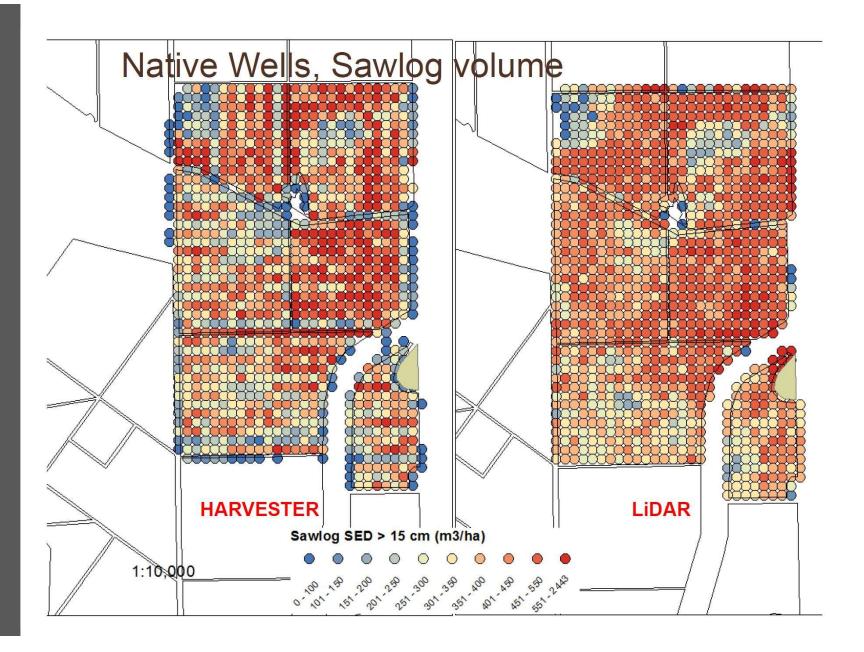


Cloud Service for Harvester Information

STICKS Software for StanForD Production Information

One Forty One Plantations 2016 ForestTech Presentation

Jan Rombouts



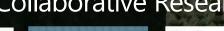
Questions

Shaping Today's Forests with the Technology of Tomorrow

> He rangahau tenei ra he hangarau apopo









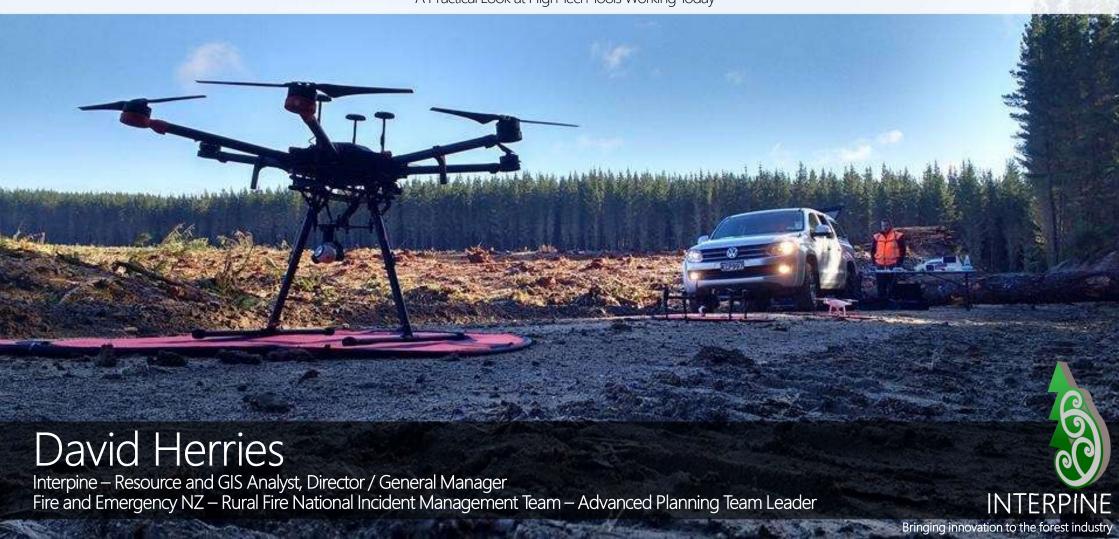








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