



# PLANET MONITORING FOR FORESTRY

Understand and monitor your forest areas with Planet's high-cadence, broad-area solution for Forestry and Land Use. Analyze regions of interest, detect change, and derive timely insights that improve your forest operations.

Planet's global stream of daily, 3-5 meter resolution, visible and near infrared imagery provides an always-recent picture of forest resources. This enables better assessment of forest health, faster response to disruptive events, and more sustainable management decisions. Unlike alternative sources, Planet imagery offers:

- Higher resolution and more frequent imagery than traditional satellite resources
- Multiple formats of imagery to suit your needs, including daily imagery in both the visible and near infrared bands and cloud-free monthly mosaics
- A more efficient broad coverage data source that can complement and inform higher resolution aerial operations

## PLANET'S SOLUTION FOR FORESTRY AND LAND USE



### Always-on

Daily RGB and  
NIR collections



### Reliable

Monthly cloud-free  
mosaics



### Precise

Canopy-level detail  
at 3-5 meter resolution



### Scalable

Broad-area coverage  
and extensive archive



## USE CASES

Use cases for Planet imagery include:



### Disease Monitoring and Forest Health

Detect, monitor, and assess the spread and impact of disease



### Forest Surveying and Reporting

Detect and analyze change over time for reporting and inventory assessment



### Wildfire Management and Burned Area Assessments

Operationalize every stage of wildfire risk management



### Monitoring Logging Operations

Optimize every stage of the timber logging lifecycle

## BURNED AREA ASSESSMENT

NIR image displayed in false color, showing extent of burned area in Chantada, Spain



October 13, 2017

## DISEASE MONITORING

Pine beetle disease spreading in Mississippi, 2017.



## ABOUT

Planet is an integrated aerospace and data analytics company that operates history's largest fleet of Earth-imaging satellites, collecting a massive amount of information about our changing planet. Planet is driven by a mission to image all of Earth's landmass every day, and make global change visible, accessible and actionable. Founded in 2010 by three NASA scientists, Planet designs, builds and operates over 150 satellites, and develops the online software and tools that serves data to users. Decision makers in business, government, and within organizations use Planet's data and machine learning-powered analytics to develop new technologies, drive revenue, power research, and solve our world's toughest challenges.

To learn more visit [www.planet.com](http://www.planet.com) and follow us on Twitter at [@planetlabs](https://twitter.com/planetlabs).

## GET IN TOUCH

### Contact Us

Learn how Planet can help you turn data to actionable insights  
[go.planet.com/getintouch](http://go.planet.com/getintouch)

### Try a Free Trial

Trial our daily imagery or monthly basemaps products today over your forest areas  
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