



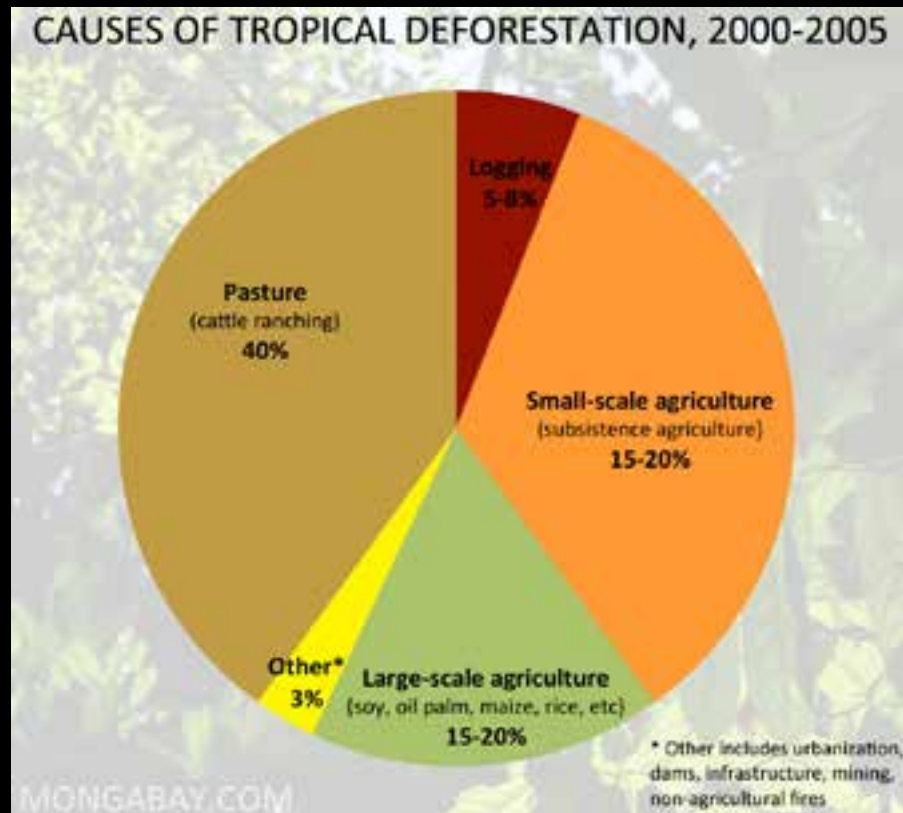
**GLOBAL
FOREST
WATCH**
COMMODITIES

**Better forest
information.
Better
supply chain
management.**

FOREST COMMODITIES

Major Drivers of Deforestation

- Palm Oil
- Timber
- Soy
- Beef
- Pulp/Paper
- Biofuels



GLOBAL FOREST WATCH - COMMODITIES

An online platform that provides practical analysis for zero deforestation supply chains, when and where companies need it.

commodities.globalforestwatch.org

BETA site “launched” June 4th at RSPO European summit.

A BUSINESS TOOL TO END DEFORESTATION



**Identify
sustainable
timber
suppliers**

A BUSINESS TOOL TO END DEFORESTATION

A world map with a light gray background and white outlines of continents. Two callout boxes with orange borders and black backgrounds are overlaid on the map. The first callout box is positioned over South America and contains the text 'Purchase certified sustainable beef'. The second callout box is positioned over Africa and contains the text 'Identify sustainable timber suppliers'. Two orange lines connect the boxes to the map: one from the South American box to the continent, and another from the African box to the continent.

**Purchase
certified
sustainable
beef**

**Identify
sustainable
timber
suppliers**

A BUSINESS TOOL TO END DEFORESTATION



**Purchase
certified
sustainable
beef**

A world map with a light gray background. Three callout boxes with black backgrounds and yellow borders are overlaid on the map. The first box is over South America, the second is over Africa, and the third is over Southeast Asia. Each box has a yellow line pointing to a specific region on the map.

**Identify
sustainable
timber
suppliers**

**Monitor fires
on
palm-oil
concessions**

A BUSINESS TOOL TO END DEFORESTATION

A world map with a light gray background and dark gray outlines of continents. Four callout boxes with black backgrounds and yellow borders are connected to the map by yellow lines. The boxes contain the following text: 'Purchase certified sustainable beef' (pointing to South America), 'Identify sustainable timber suppliers' (pointing to Africa), 'Avoid developing on HCV areas' (pointing to Southeast Asia), and 'Monitor fires on palm-oil concessions' (pointing to Southeast Asia).

**Purchase
certified
sustainable
beef**

**Identify
sustainable
timber
suppliers**

**Avoid
developing
on HCV
areas**

**Monitor fires
on
palm-oil
concessions**

A BUSINESS TOOL TO END DEFORESTATION

A world map with a light gray background and dark gray outlines of continents. Five black callout boxes with yellow borders and yellow lines pointing to specific regions on the map. The boxes contain text related to business and deforestation. The regions pointed to are South America, Europe, Africa, Southeast Asia, and Indonesia.

**Purchase
certified
sustainable
beef**

**Reduce
investment
risk from
deforestation**

**Monitor fires
on
palm-oil
concessions**

**Identify
sustainable
timber
suppliers**

**Avoid
developing
on HCV
areas**

Data challenges

An aerial photograph of a forest landscape. A dirt road winds through the trees, leading to a small structure or clearing in the lower right. The forest is dense and green, with some areas appearing more open or cleared.

Forest Data

Not reliable

Not up-to-date

Dispersed

Expensive

Very technical

Not interactive

Commodity Data

No spatial context

Dispersed

Inaccessible

Not reliable

GLOBAL FOREST WATCH - COMMODITIES

The screenshot shows the homepage of the Global Forest Watch Commodities website. At the top left is the logo, and at the top right is a navigation menu with links for HOME, DATA, METHODS, ABOUT, and GFW. Below the navigation is a white banner with the text "A business tool to end deforestation in commodity supply chains." The main content area features a background image of a lush green forest with a dirt road. The text "Would you like to..." is positioned above three large, dark brown circular buttons with orange borders. A small white circle with the text "Start Exploring Here" is positioned above the first button. The buttons contain the following text: "Explore certified sustainable palm oil areas... (All users)", "Map areas for expansion... (Beta users)", and "Analyze forest loss in your supply chain... (Beta users)".

GLOBAL FOREST WATCH

HOME DATA METHODS ABOUT GFW

A business tool to end deforestation in commodity supply chains.

Would you like to...

Start Exploring Here

Explore certified sustainable palm oil areas...
(All users)

Map areas for expansion...
(Beta users)

Analyze forest loss in your supply chain...
(Beta users)

A project of Global Forest Watch.

Built on ESRI platform

- Map server enables on the fly-analysis

Forest Change: Tree cover loss/gain,
clearance alerts, fires,

Forest Use: Palm oil, timber, pulp/paper,
mining, certified palm oil

Conservation: Protected areas

Land Cover: Peat land, primary and
secondary forest,

1. Select Forest Change Maps >

Explore and select the type of forest change activity you want to analyze.

2. Select Contextual Maps >

Explore and select how you want forest activity analysis to be segmented.

3. Select Area for Analysis >

Analyze a specific area by zooming to a point on the map or drawing a shape.

prapat

Kotaparang

Dumai

Duri

Pekanbaru

Sarimbak

Port Dickson

Melaka

Enter address or longitude: 11



Latitude/Longitude

3.6418, 100.0411

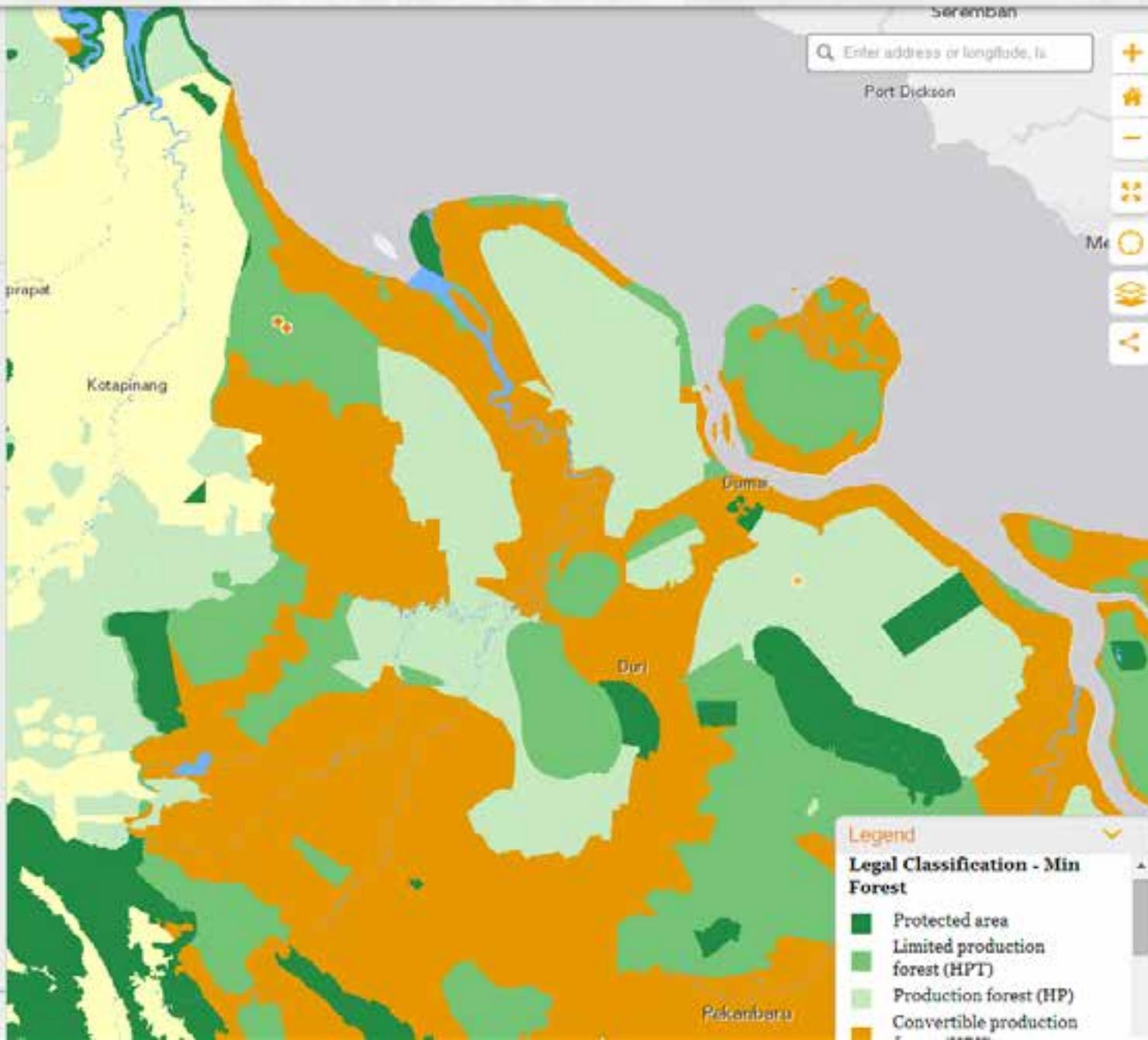
Seremban

Enter address or longitude, lat

Port Dickson



- 1. **Select Forest Change Maps** >
Explore and select the type of forest change activity you want to analyze.
- 2. **Select Contextual Maps** >
Explore and select how you want forest activity analysis to be segmented.
- 3. **Select Area for Analysis** >
Analyze a specific area by zooming to a point on the map or drawing a shape.



Legend

Legal Classification - Min Forest

- Protected area
- Limited production forest (HPT)
- Production forest (HP)
- Convertible production forest

Latitude/Longitude
2.1206, 100.8278

1. **Select Forest Change Maps**

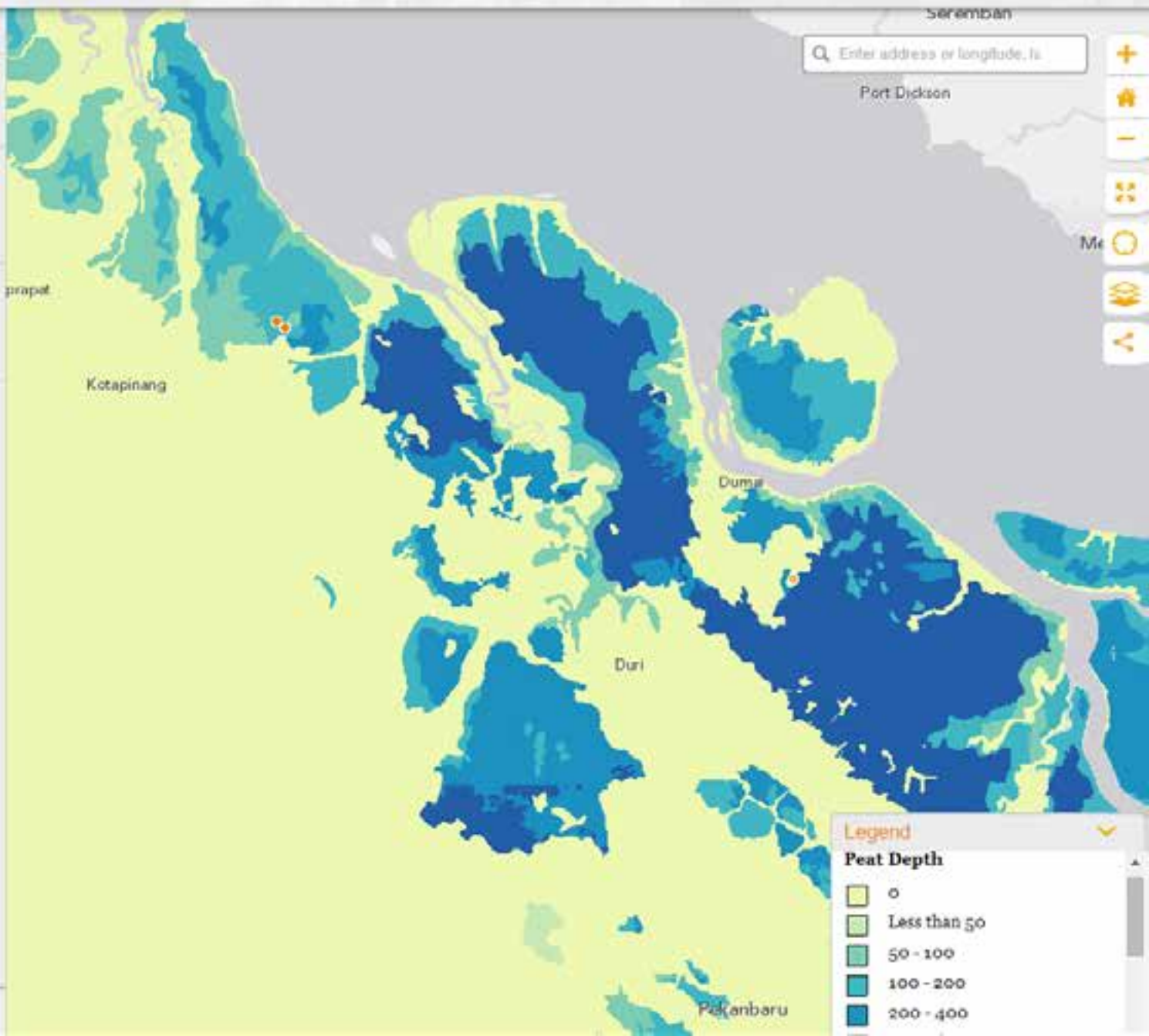
Explore and select the type of forest change activity you want to analyze.

2. **Select Contextual Maps**

Explore and select how you want forest activity analysis to be segmented.

3. **Select Area for Analysis**

Analyze a specific area by zooming to a point on the map or drawing a shape.



Legend

Peat Depth

- 0
- Less than 50
- 50 - 100
- 100 - 200
- 200 - 400

Latitude/Longitude

3.7076, 100.7057

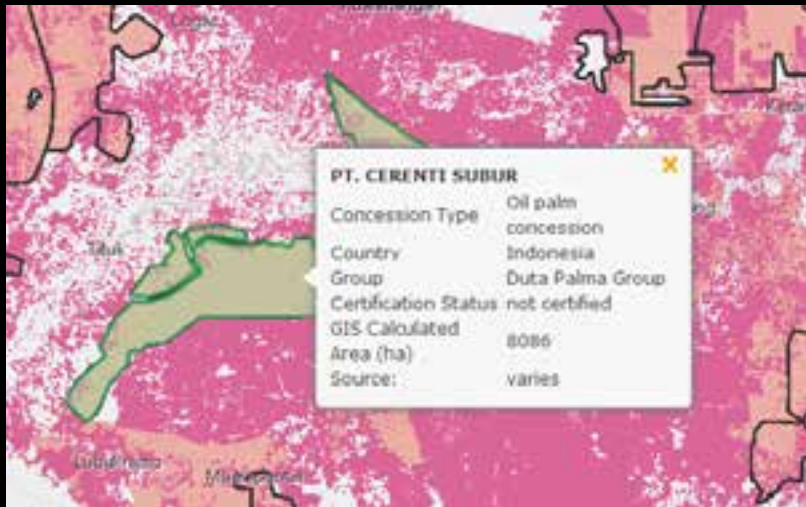
RSPO CERTIFIED AREA MAPS



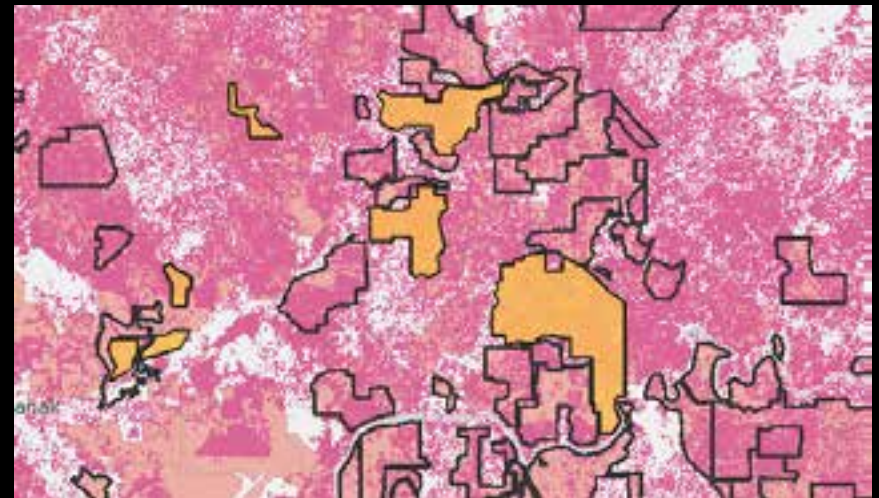
1.6 million hectares of certified palm oil concessions

12% of global palm oil production area

ANALYSIS



Individual concessions



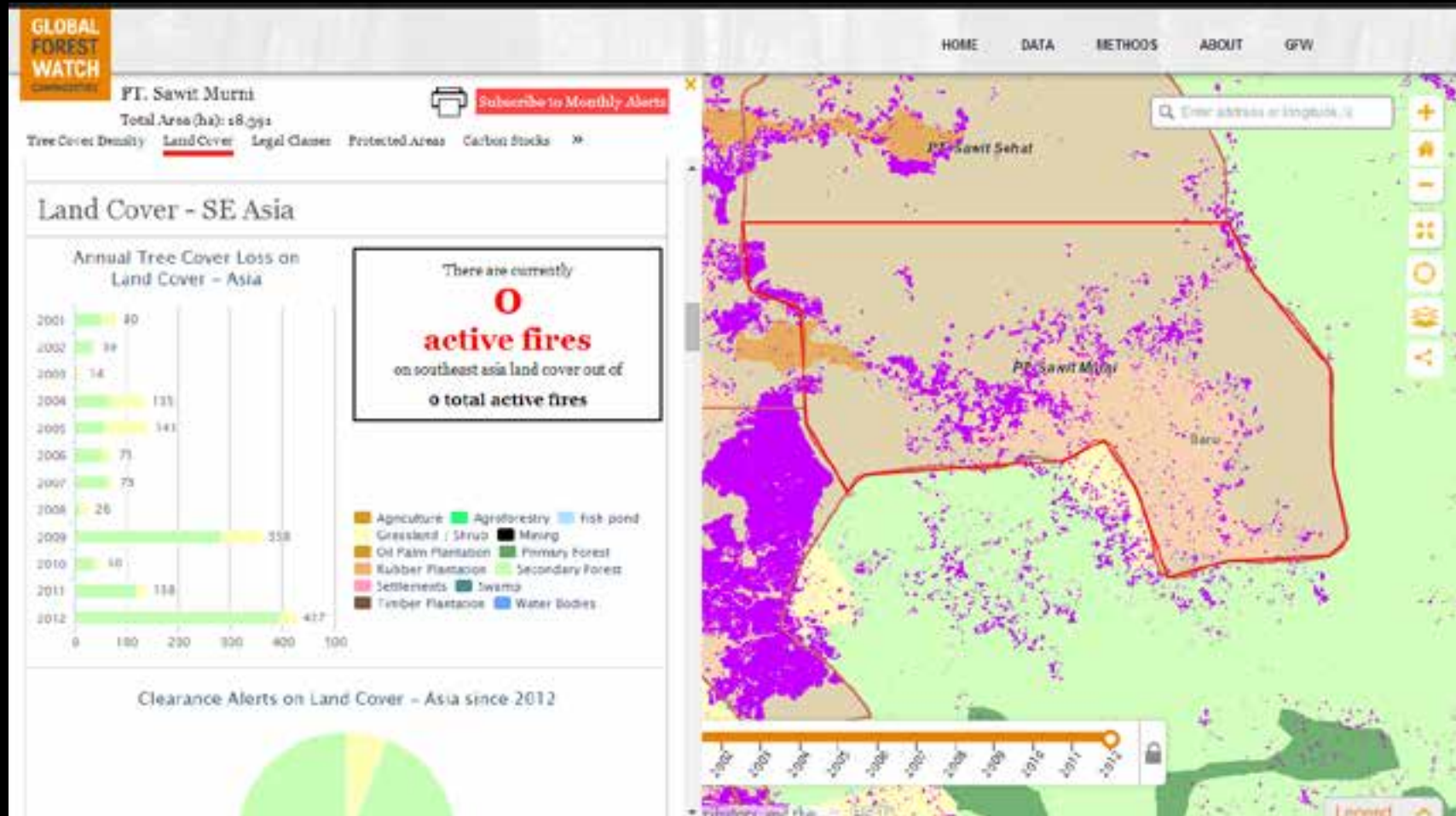
Group of concessions
by owner

ADDITIONAL DATA SETS



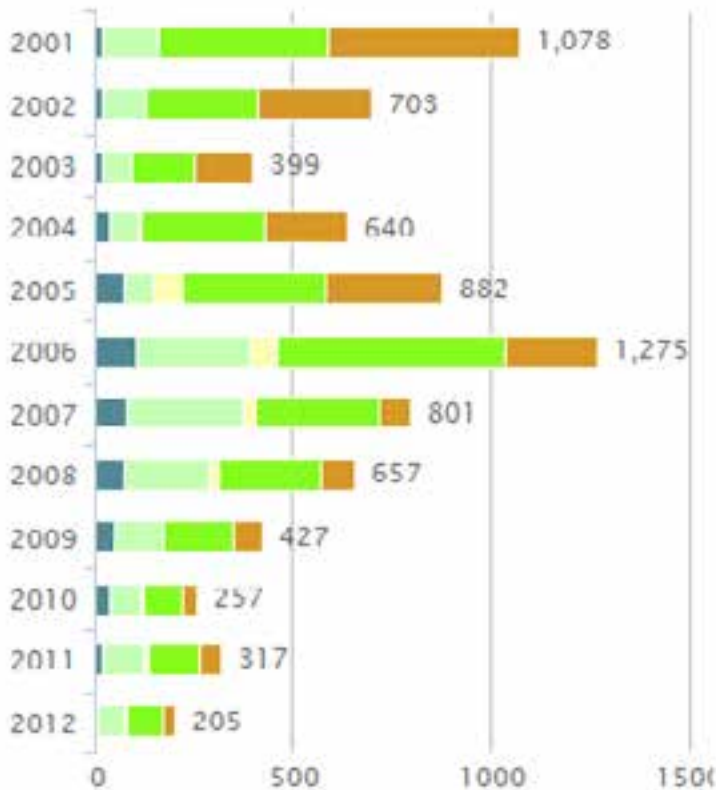
Peat depth, legal classification, land cover type

GEOSPATIAL CONTEXT



ANALYSIS

Annual Tree Cover Loss on Land Cover - Global



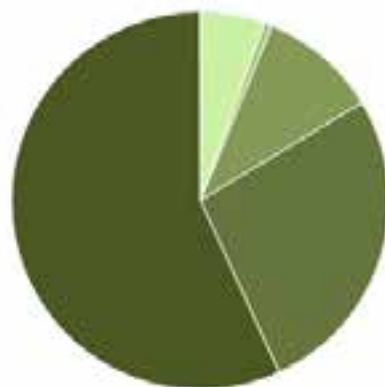
Active Fires by Land Cover - Global over the past 7 days



- Agriculture
- Mixed agriculture and forest
- Grassland / Shrub
- Mixed forest and grassland
- Non-forest
- Primary Forest
- Secondary Forest
- Settlements
- Swamp
- Water Bodies

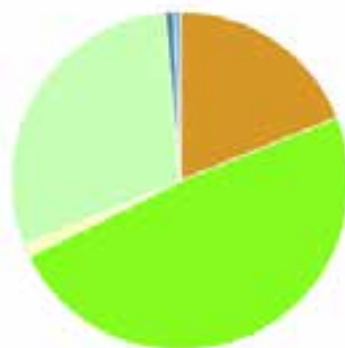
ANALYSIS

Clearance Alerts on Tree Cover Density since 2012



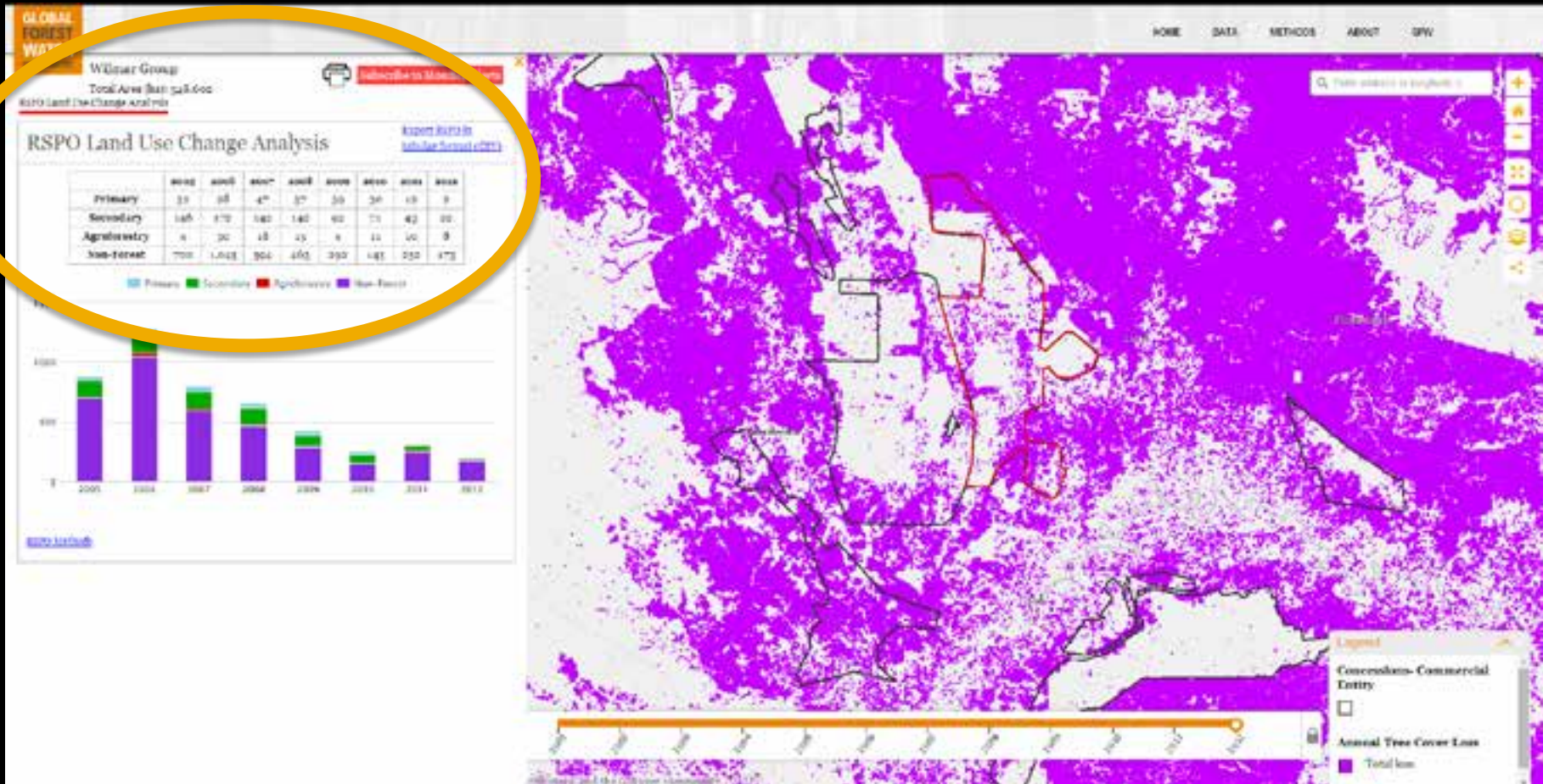
0 - 10% 11 - 25% 26 - 50% 51 - 75% 76 - 100%

Clearance Alerts on Land Cover - Global since 2012



■ Agriculture ■ Mixed agriculture and forest ■ Grassland / Shrub
■ Mixed forest and grassland ■ Non-forest ■ Primary Forest ■ Secondary Forest
■ Settlements ■ Swamp ■ Water Bodies

DETAILED ANALYTICAL TOOLS



CONTEXTUALIZED IN THE SUPPLY CHAIN

- **Upload** function allows users to analyze their own shape files
- **Analyze by unit** – commercial, administrative, or certified areas
- **Search attribute data** and perform analysis
- **Prototyping additional features**

NEXT STEPS

- **Road testing**
 - GFWbusiness@WRI.org
- **Developing** new data sets
- **Expanding** to include other commodity sectors & certification schemes
- **Integrating** with systems at key leverage points

Sign up
now!



THANK YOU
Sarah Lake
World Resources Institute

Commodities.Globalforestwatch.Org

