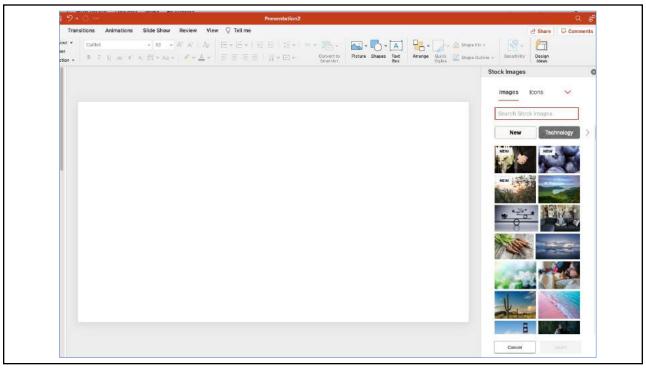


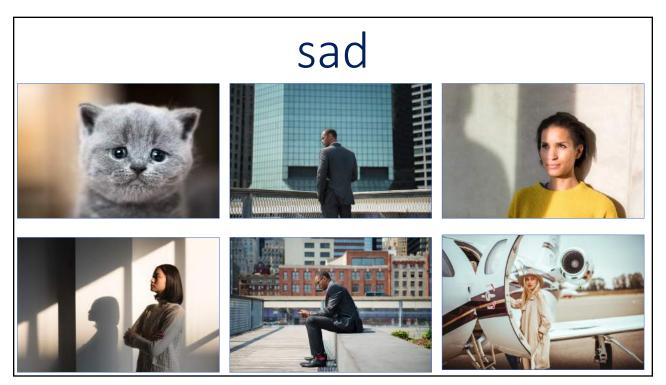
The Future of Tropical Rain Forests IDS 2935

Global Patterns of Forest Cover

1







How much forest do we have left?

How much did we start with?

How much have we lost?

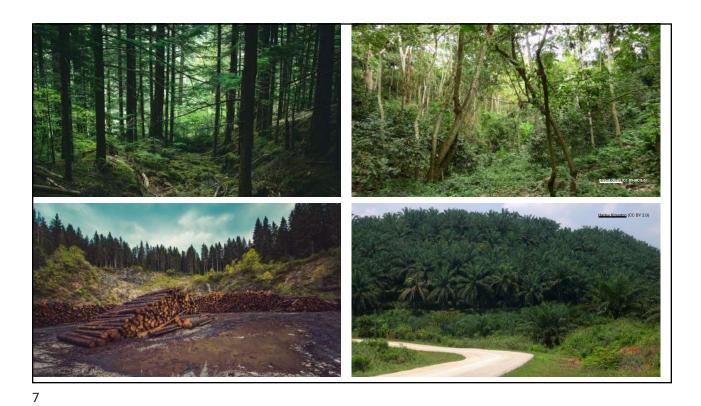


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What is a FOREST?

www.menti.com/alav9534zo7m





Forest
Resources
Assessment
(FRA)

L 8



FOREST

Land spanning more than 0.5 hectares with <u>trees</u> higher than 5 meters and a <u>canopy cover</u> of more than 10 percent, or trees able to reach these thresholds *in situ*. It does not include land that is predominantly under agricultural or urban land use.

Explanatory notes

- Forest is determined both by the presence of trees and the absence of other predominant land uses. The trees should be able to reach a minimum height of 5 meters in situ.
- 2. Includes areas with young trees that have not yet reached but which are expected to reach a canopy cover of 10 percent and tree height of 5 meters. It also includes areas that are temporarily unstocked due to clear-cutting as part of a forest management practice or natural disasters, and which are expected to be regenerated within 5 years. Local conditions may, in exceptional cases, justify that a longer time frame is used.
- 5 years. Local conditions may, in exceptional cases, justify that a longer time frame is used.
 Includes forest roads, firebreaks and other small open areas; forest in national parks, nature reserves and other protected areas such as those of specific environmental, scientific, historical, cultural or spiritual interest.
- Includes windbreaks, shelterbelts and corridors of trees with an area of more than 0.5 hectares and width of
 more than 20 meters.
- Includes abandoned shifting cultivation land with a regeneration of trees that have, or are expected to reach, a canopy cover of 10 percent and tree height of 5 meters.
- 6. Includes areas with mangroves in tidal zones, regardless whether this area is classified as land area or not.
- 7. Includes rubber-wood, cork oak and Christmas tree plantations
- 8. Includes areas with bamboo and palms provided that land use, height and canopy cover criteria are met.
- 9. Includes areas outside the legally designated forest land which meet the definition of "forest"
- 10. Excludes tree stands in agricultural production systems, such as fruit tree plantations, oil palm plantations, olive orchards and agroforestry systems when crops are grown under tree cover. Note: Some agroforestry systems such as the "Taungya" system where crops are grown only during the first years of the forest rotation should be classified as forest.

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Shade-grown Coffee Plantation Colombia

Not Forest

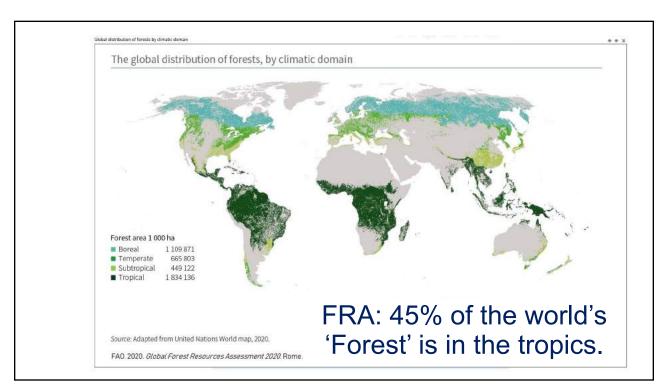
How much forest do we have?

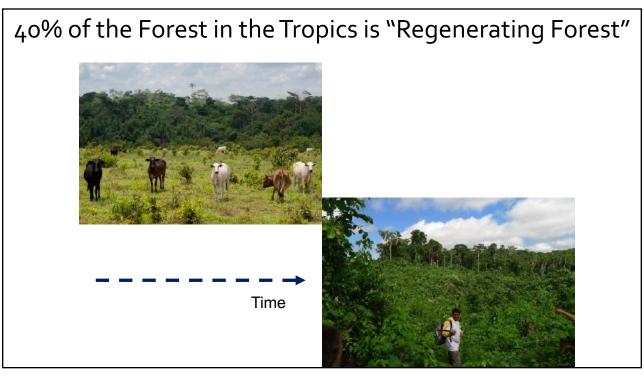


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- Data on "tree cover" derived from satellite imagery
- Because this cannot distinguish between intended land uses, their monitoring systems rely entirely on biophysical criteria

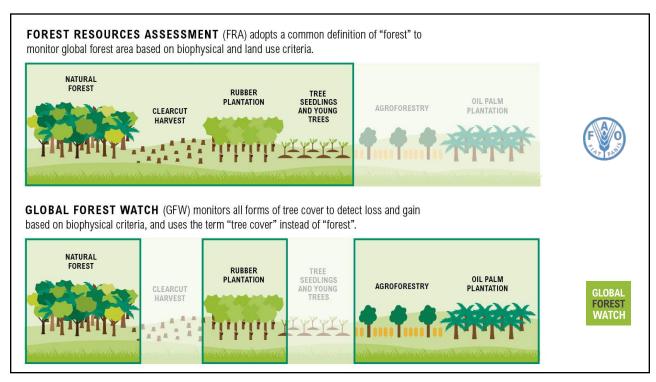
tree height, canopy cover, extent (area) of trees

 GFW does not adopt a specific definition of forest – it monitors all forms of tree cover including natural forests & tree plantations.

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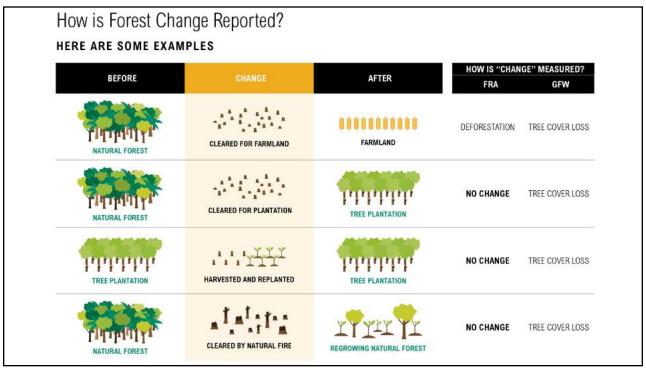
How do FAO-FRA and GFW compare?





FAO's definition of deforestation *requires permanent change* in land-use.

Loss in tree cover considered temporary (e.g., clear-cut forests that will be left to regrow) is *not counted as deforestation*.



How much forest do we have left?

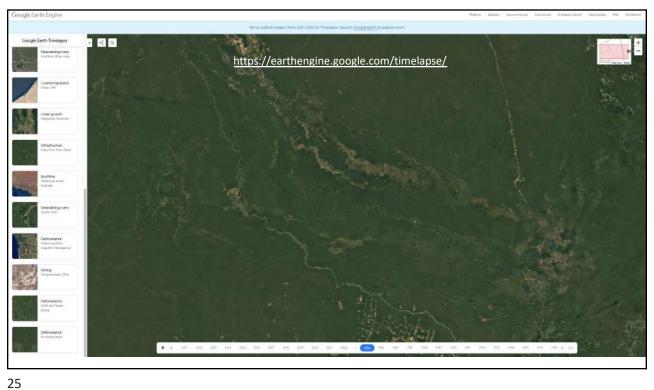
How much did we start with?

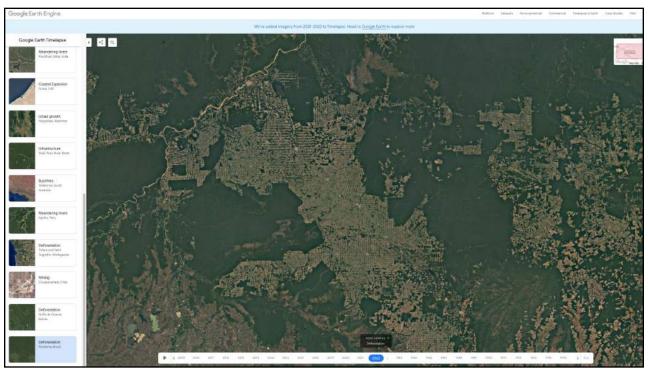
How much have we lost?

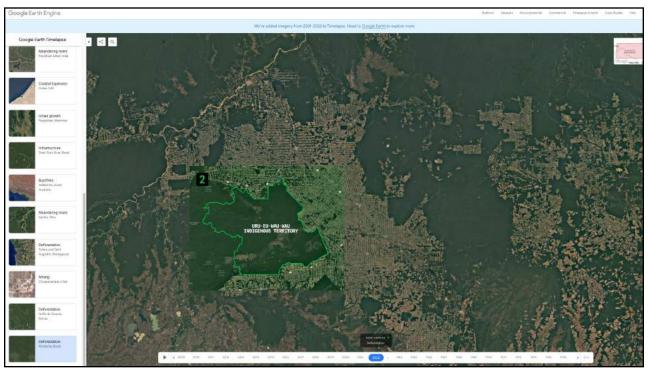














NEXT TIME:

How does deforestation differ between countries and over time?

What is the difference between total deforestation and deforestation rate?

What happens *after* forest is cleared?

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