

Forest loss 'hotspots' bigger than Germany: WWF

13 January 2021, by Patrick Galey



leading to a 32.8-percent loss of forest area between 2004-2017.

The UN's Intergovernmental Panel on Climate Change issued a groundbreaking report on land use in 2019, in which it outlined a string of looming trade-offs in using land.

In that same year, the UN's biodiversity panel said that 75 percent of all land on earth had been "severely degraded" by [human activity](#).

Swathes of forest continue to be flattened each year mainly due to industrial-scale agriculture

More than 43 million hectares of forest—an area bigger than Germany—have been lost in a little over a decade in just a handful of deforestation hotspots, conservation organisation WWF said Wednesday.

Swathes of [forest](#) continue to be flattened each year—mainly due to industrial-scale agriculture—as biodiversity-rich areas are cleared to create space for livestock and crops.

Analysis by WWF found that just 29 sites across South America, Africa and South East Asia were responsible for more than half of the global forest loss.

The Brazilian Amazon and Cerrado, the Bolivian Amazon, Paraguay, Argentina, Madagascar, along with Sumatra and Borneo in Indonesia and Malaysia were among the worst affected, it said.

In Brazil's Cerrado region, home to five percent of the planet's animals and plants, land has been cleared rapidly for soy and cattle production,

Deforestation worldwide

Over 43 million hectares of forests destroyed in 13 years

■ Major existing forests in 2018

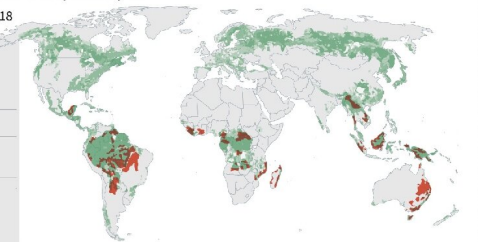
■ "Deforestation fronts"
Key areas identified by WWF where fragmentation has occurred 2004 - 2017

Total: 710 million ha

Over 10% of it has been lost: 43 million ha

Half of the area (377 million ha) is currently forested, holding 256 million ha of primary or intact forest

Source: WWF



AFP

Graphic showing the world's forests in 2018.

Forests are an enormous carbon sink, together with other vegetation and soil sucking up roughly a third of all the carbon pollution humans produce annually.

Yet they continue to disappear rapidly, threatening irreparable losses to Earth's crucial biodiversity.

'Humanity's best interest'

And, as wild species find their living space shrinking further each year, the risk of a repeat of zoonotic diseases—such as the COVID-19 pandemic—jumping to humans is ever higher.

"We must address over-consumption and put

greater value on health and nature rather than the current overwhelming emphasis on economic growth and financial profits at all cost," said Fran Raymond Price, Forest Practice lead at WWF International.

"This is in humanity's best interests: the risk of new diseases emerging is higher in tropical forest regions that are experiencing [land-use](#) change."

Price warned that if deforestation was not rapidly curbed, "we could miss out on our chance to help prevent the next pandemic".

with it."

Recent research has shown that, beyond a certain threshold, deforestation in the Amazon basin could tip the region into a new climate regime, turning tropical forests into savannah.

The WWF report urged citizens to do their bit by avoiding products linked to deforestation such as some meat, soy and palm oil products.

It also urged governments to work to secure the rights of indigenous peoples and conserve biodiversity-rich areas.



© 2021 AFP

The WWF report urged citizens to do their bit by avoiding products linked to deforestation such as some meat, soy and palm oil products

There is also a huge threat to indigenous communities that have lived off what forests provide for centuries or longer.

Ana Mota da Silva, a member of the Mumbuca community in the Cerrado—where deforestation rose 13 percent in 2020—said she feared for the future.

"Knowing that our rivers are drying up, that so many trees are dying... the certainty that my sons, cousins, my descendants will not see what I have seen," she said.

"We now face the Cerrado being devastated and us

APA citation: Forest loss 'hotspots' bigger than Germany: WWF (2021, January 13) retrieved 17 January 2021 from <https://phys.org/news/2021-01-forest-loss-hotspots-bigger-germany.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.