# Deforestation and Wildfires in Brazil



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### **Deforestation in Brazil**

From 2001 to 2021, Brazil lost 68.2 million of hectares of their three covers.



### Wildfires

In the last decades there has been a focus on the Amazonia. It extremelly important for the planet, often called the "lungs of the Earth". As a rainforest, it draws in carbon dioxide and breathes out oxygen.

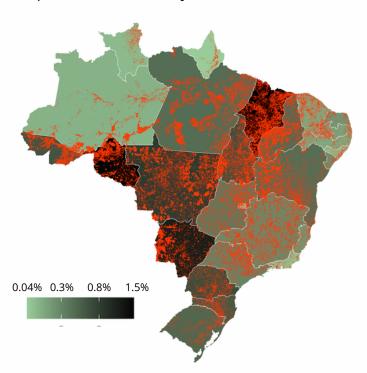


## 12% **FOCUS:** Since 2001, Brazil has lost up to 12% of its forest area due to the increasing presence of wildfires **Click here for interactive**

link!

### **DEFORESTATION VS WILDFIRES 2021**

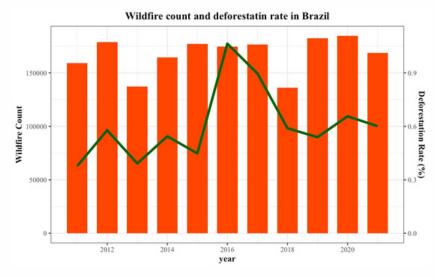
The map displays the ratio between the deforested area in 2021 and the total area of Brazil (in green) and the number of wildfires that had place in the same year



## **Deforestation and Wildfires across the years** in Brazil

#### **Connection between** deforestation and wildfires?

Since 2011, we could see that there are consistant number of wildfires and increasing deforestation rates



#### Any Correlation between the two?

We can see that there is correlation between the increase of wildfire counts and deforestation rates.

## Correlation of percentage change in Wildfire count and Deforestation rate Change in Wildfire counts (%) Spearman Correlation: 0.527 Kendall Correlation: 0.333 Change in Deforestation (%)

#### References (with link):

<u>Greenpeace</u> Global Forest Watch <u>UK Center for Ecology and Hydrology</u>