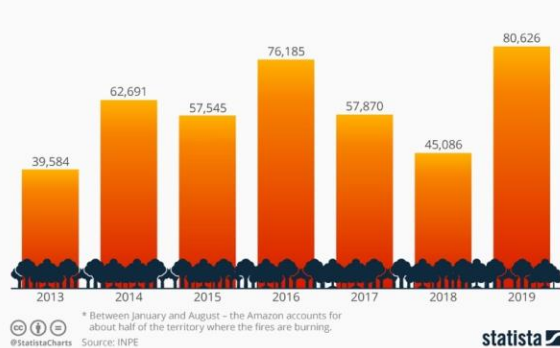


The Amazon rainforest is found in South America. It extends into many countries such as Brazil and Colombia. It has sustained human existence for more than 10,000 years.

In the 2019, there were over 80 000 fires throughout Brazil, 46 000 fires were recorded in the Amazon – 78% increase since 2018.

**Record Number Of Wildfires Burning In The Amazon**  
Number of wildfires recorded in Brazil by year\*



The Amazon plays an important role in regulating the world's carbon and oxygen cycles by acting as a huge carbon sink. Currently rainfall in the Amazon has been reduced by 10-20% as global temperatures are getting warmer.

## Climate change in the Amazon Rainforest

### *COOL FACT:*

The Amazon rainforest is home to 10% of the world's species this includes 2.5 million species of insects!!!



Temperatures are expected to rise 0.3°C and 4.8°C, leading to a sea level rise of 0.26m to 0.98m. Local temperature rise of 2°C and 3°C, having knock on effects on water and food supplies, ecosystems, coastal stability and public health.

Each year global temperatures are increasing due to the increase in human activity and the enhanced greenhouse effect – This is evident on the graph.

Fires come from the human attempt of 'slash-and-burn' which is a form of deforestation. It helps farmers reach the rich soil underneath. 99% of fires are started this way.

