



## MONITORING FIRE PROJECT

The Amazon is one of the biomes of the world most vulnerable to deforestation, mainly due to uncontrolled outbreaks of fire in the forests. In the year 2019 alone over 89,000 fire outbreaks were recorded throughout the Amazon, devastating a huge amount of untouched forests and endangering cities, indigenous villages, ecosystems, rivers and riparian forests as well as releasing a huge amount of CO<sub>2</sub> into the atmosphere and contaminating the air with thick smoke retained in the lower levels of the atmosphere.

The purpose of this project is to monitor outbreaks of fire and smoke in the entire Amazonian territory, using meteorological models, satellite images, data from meteorological stations and various other environmental monitoring technologies, as well as research methods aimed at assessing integrity of tropical ecosystems and quality of life in indigenous villages.

