

Project Scope and SGD alignment

Project Scope Group 14

Our project is a website which tracks natural disasters around the world, for example wildfires (which will be included in our first version). This website raises awareness of ongoing and past natural disasters, such as the impact locally and globally.

Features:

- Map with fires
- Mapping wildfires.
- Approximating the amount of trees burnt down.
- Approximating speed of spread.
- Approximating which fire to prioritize.
- Damage to wildlife
- Damage to environment

SGDs:

SDG 11: Sustainable Cities and Communities

SGD 13: Climate Action

SGD 15: Life on Land

SGD alignment

As a group, we are working on an application that tracks live and past natural disasters, which aligns with the United Nations' Sustainable Development Goals (SDGs). Specifically, our work contributes to SDG 13: Climate Action, which aims to combat climate change and its impacts. The application we are developing provides real-time and past information about natural disasters, allowing authorities to respond quickly and effectively, reducing the damage caused by natural disasters.

Our application also contributes to other SDGs, such as SDG 15: Life on Land, which seeks to protect, restore and promote the sustainable use of terrestrial ecosystems. By tracking live natural disasters such as wildfires, we can reduce the damage caused by these disasters, which often lead to deforestation and loss of biodiversity.

Moreover, our application also supports SDG 11: Sustainable Cities and Communities, which aims to make cities and human settlements inclusive, safe, resilient, and sustainable. Fires, for example, are a major threat to urban areas, and our application can help local authorities respond to fires more quickly, reducing the damage caused to buildings, infrastructure, and human life. By making cities more resilient to this, our application can contribute to safer and more sustainable urban areas.

In conclusion, our work on an application that tracks live natural disasters aligns with SDG 13: Climate Action and also supports other SDGs, such as SDG 15: Life on Land and SDG 11: Sustainable Cities and Communities. By providing real-time information about natural disasters, our application can help authorities respond quickly and effectively, reducing the damage caused by those natural disasters. Additionally, our application will provide data that can inform policies and practices that reduce the risk of wildfires and make cities more resilient to fires, contributing to a more sustainable and safer future for all.