**PROBLEM STATEMENT**

● Forest fires are a major environmental issue, creating economic and ecological damage while endangering human lives.

● There are typically about 1,00,000 wildfires in the United States every year. Over 9 million acres of land have been destroyed due to treacherous wildfires.

● It is difficult to predict and detect Forest Fire in a sparsely populated forest area.

**Social Impact:**

● Tribal people who live in forest and forest department.

● Saving the most essential Forest cover.

**Business Impact:**

● Supply chain, power & supply, Fires stations and government by providing services.

**Existing Solutions:**

● <https://www.bosch.com/stories/early-forest-fire-detection-sensors>

● http://catalogue.servirglobal.net/Product?product\_id=11 Recommended

**Technology Stack:**

● Artificial intelligence, Computer vision, IBM Watson, etc.

**Reference:**

● https://ieeexplore.ieee.org/document/8534245