# PROBLEM STATEMENT

**Emerging Methods For Early Detection Of Forest Fire**

- In this project, we are going to design a system which helps detecting forest fires in early stage and help to avoid greater damage.

- It helps to automate the detection process instead of human monitoring in an efficient way and to conserve forest and natural resources.

- It reduces the difficulty of getting aerial images and manually processing it detect fire.

- It uses image processing to detect fire.

- We can use satellite images to process and compare the temperature pattern to detect images.

- Using image processing, we can detect and alert about forest fire and help extinguishing the fire without greater damage.

- Using this method can notify with The beep sound when it detects the fire.

- Using this method can also notify with sms alert for the corresponding mobile number