Emerging Methods For Early Detection Of Forests Fire Empathy Map.

Detecting forest fire before it even starts,now thats interesting

**Forest fires are really dangerous**

**A really exciting project**

This would save millions of different species that reside in the

forests

**It notifes the necessary departments upon detecting signs of fire**

**Really useful if it is**

**developed properly**

**Most recent and hazardous forest fire happend in Australia last year**

**A lot of flora and fauna is destroyed in the region**

**Enables user to detect signs of fire before it is too late**

Really helpful for the forest department of

India

# Machine learning algorithm identifes fire in a video or photo that is provided as input

**It is really tideous to stop a forest fre once it started**

**OpenCV allows us to identify the difference between a forest fire and normal forest photo or video**

Sensors may or may not detect



**It can be done in low cost**

**Allows us to identify and differentiate between a**

**forest**

**fre and a false**

**alarm**

sometimes

Reallly tough for the authorities to reach the

place

Technical glitches

Accuracy is mostly 99.99%

Protect the flora and fauna