Electronics and Communication Engineering

IBM NALAIYA THIRAN

LITERATURE SURVEY

<u>**Title**</u>   **:** Emerging Methods for Early Detection of forest fires

<u>**Domain name**</u>   **:**   Artificial Intelligence

<u>**Leader Name**</u>   **:**   Vasugi P

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<u>**Abstract**</u> **:**

Forest fires are occurring throughout the year with an increasing intensity in the caused by the actions of humans, but different nature and environmental phenomena, like lightning strikes or spontaneous combustion of dried leaves or sawdust, can also be credited for their occurrence.

Introduction : Forest fires have been and still are serious problem for the European Union and for all other countries in Europe. In the year 2000, the EU has established the European Forest Fire Information system (EFFIS) , which will soon become part of the European Emergency Management Service, maintained by the Copernicus Earth Observation Program.

Literature Survey :

1] Official webpage of the European Forest Fire Information System at: http://effis.jrc.ec.europa.eu/

2] Official webpage of the Copernicus Earth Observation program   at: http://www.copernicus.eu

3] The 2018 Attica wildfires Wikipedia webpage available at: https://en.wikipedia.org/wiki/2018_Attica_wildfires

4]Official webpage of the ALTi Transition VTOL UAV, [online] Available: https://www.altiuas.com/transition/.