

Detects the fire immediately sound the alarm, sending a signal to the cloud and notifying emergency service

fire detection system can limit the emission of toxic products created by combustion

Detecting a fire quickly and accurately

What do they  
**THINK AND FEEL?**  
what really counts  
major preoccupations  
worries & aspirations

Is the outcome accurate

Sensor analyzes the data it collects right there on a spot



What do they  
**SEE?**  
environment  
friends  
what the market offers

Natural resources can definitely be saved

Automated early fire detection protecting the global environment

Radio acoustic sounding systems with fine space, time resolution capabilities for monitoring are proposed

Can I predict the forest fire



What do they  
**SAY AND DO?**  
attitude in public  
appearance  
behavior towards others

Detection of the fire conditions, two analytical methods are used namely, threshold ratio analysis and analysis using a machine learning algorithm

Three types of alarm monitoring systems are used: ionization, photoelectric and combination



I think it may be expensive

Applying the machine learning techniques to fire detection systems has many limitations

Limited amount of energy, the energy required for the data processing



**PAIN**  
fears

can this product work in all situations

K means clustering algorithm characterized by high stabilization and versatility



**GAIN**  
"wants" / needs  
measures of success  
objectives

prediction is accurate

Improve the fire detection in real time and accurately