EMERGING METHODS FOR EARLY DETECTION OF FOREST FIRES

LITERATURE SURVEY

S.NO	Title	Author	Advantage	Disadvantage
1	Detect fire by smoke detection	Surapong Surit,Watchara Chatwiriya	Can detect the alarms at faster rate with the help of Smoke alarms	Uncharged batteries are very useless because it don't work properly

2	Detect fire based on Wavelet Transform	R.Gonzalez	It can detect fine details of the signal	Shift sensitivity, Poor directionality

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3	Fire detect using fireflame detection	Dimitropoulos	can detect the fire in advance	High cost requirements

4	Fire detection system using Neural network	Cheng	Temperature detection and co detection	Requires the black box

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5	Fire and smoke detection without the use of sensors	Celik	Can detect the hazard very quickly	no centralised monitoring

| 6 | Infrared image processing for fire detection | Jorge Morgues,Ignacio Bosch,Luis vergara | Can prevent the damage at highest potential rate by detecting the hazard very faster | Segmentation of images |