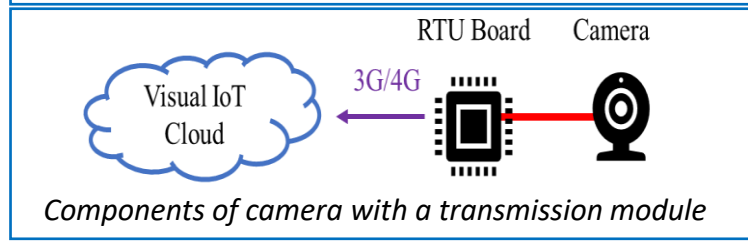
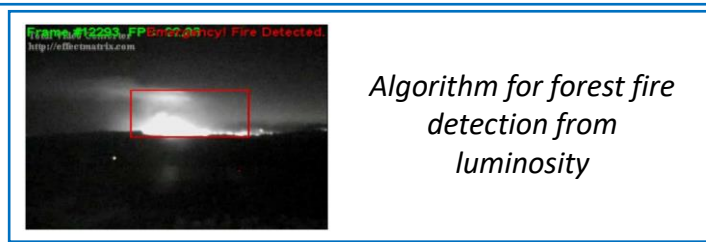
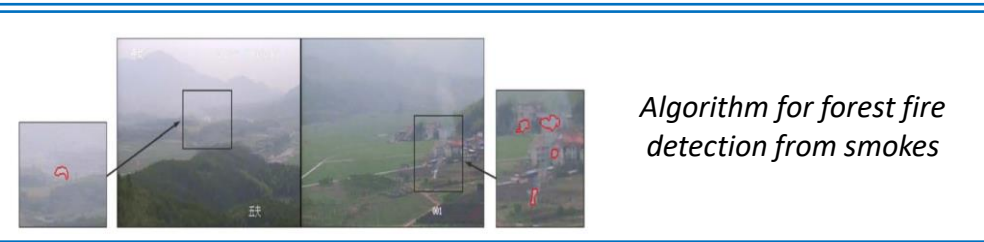
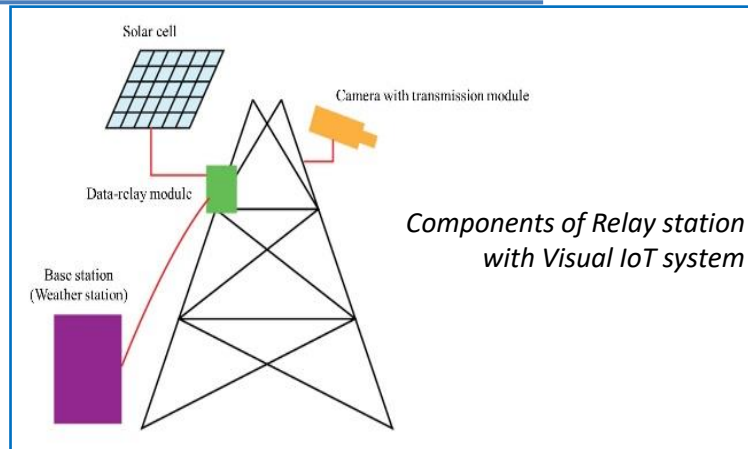


The air pollution problem due to PM2.5 and PM10 are still the main issues for ASEAN countries that have to be solved sustainably. One of the leading causes of those air pollution problems is a forest fire. It is found that about 92% of burned area in Chiang Mai are in the conservation forest and national park. Furthermore, with the problem of high steep mountainous terrain in conservation and national parks and insufficient patrol staff, it is very difficult to do the effective monitoring and firefighting task with a quick response. Speed in evaluating, announcing, and distributing news about the situation in the event of a forest fire has a great effect on reducing or preventing damage that may occur both to life and property in the area of the disaster. Using Visual IoT in the forest fire monitoring system will increase the ability to accurately assess and provide information about the situation of the scene quickly. In this project, Visual IoT will be used in conjunction with other sensors such as satellite image in order to assess the situation of forest fire.



Name/Position/Institution	Name/Position/Institution	Name/Position/Institution	Name/Position/Institution	Name/Position/Institution
Kanokvate Tungpimolrut (PhD)/ Project Leader/ Principal Researcher/ NECTEC, Thailand	Ken T. Murata (PhD)/ Research Executive Director/ NICT, Japan	Jennifer Dela Cruz (PhD)/ Professor/ Mapua University, Philippines	Thin Lai Lai Thein (PhD)/ Professor/ UCSY, Myanmar	Ei Phyu Myint (PhD)/ Professor/ UCSY, Myanmar
Khampasith Thammathevo (PhD)/ Head of Department of Engineering/ NUOL, Lao PDR	Keophousone Phonhalath (PhD)/ Deputy Head of Department of Engineering/ NUOL, Lao PDR	Phoummixay Siharath (PhD)/ Head of Climate Change Unit/ NUOL, Lao PDR	Phetnakhone Xaixongdet (PhD)/ Head of Pollution and Management Unit/ NUOL, Lao PDR	Jessada Karnjana (PhD)/ Researcher/ NECTEC, Thailand
Rangsarit Vanijjirattikhan (PhD)/ Researcher/ NECTEC, Thailand	Suthum Keerativitayanun (PhD)/ Researcher/ NECTEC, Thailand	Nathavuth Kitbutrawat (PhD)/ Researcher/ NECTEC, Thailand	Jirayut Phontip/ Researcher/ NECTEC, Thailand	Pasakorn Tiwatthanont/ Researcher/ NECTEC, Thailand
Montri Chatpoj/ Researcher/ NECTEC, Thailand	Pairin Palasak/ Forestry Technical Officer/ Doi Suthep-Pui National Park, Thailand	Eakaphop Tonpakad/ Disaster Prevention and Mitigation/ Pa Miang sub-district municipality, Thailand	Suwit Jaitoon/ Chief of Disaster Prevention and Mitigation/ Chadi Mae Krua sub-district municipality, Thailand	Sangdaun Potha/ Research Assistant and Teacher Assistant/ Chiang Mai University, Thailand
Praphan Pavarangkoon (PhD)/ Lecturer/ KMITL, Thailand				