

WORKSHOP ON SMART INFORMATICS FOR SUSTAINABILITY



- **FLOOD AND DROUGHT:**
A PERSPECTIVE FROM FIRE AND
RESCUE DEPARTMENT OF
MALAYSIA



Prepared By



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Flood Risk Assessment

- ✓ Occur every year
- ✓ To determine the flood hazard and the degree of flood risk
- ✓ To identify the flood hazard areas and flood risk within those areas
- ✓ To identify the flood-prone areas involves



Flood Control & Mitigation



- ❑ Logistic preparedness
 - Rescue boat
 - Personal floating device
 - Rescue rope
- ❑ Familiarization flood-prone areas
- ❑ Frequent training with inter-agencies
 - Betterment of inter-agencies cooperation
 - Synchronize task and responsibility



Pre-Incident Planning



- ❑ Preparedness is playing important role
- ❖ The goal is rescue life and properties
- ❖ Minimize life lost
- ❖ Collaboration with local community
- ❖ Safety campaign to school children and villagers



Response Procedures



- ❑ Response time is critical element during disaster
- ✓ Staging rescue team at strategic place
- ✓ Patrolling flood-prone area
- ✓ Distribute hotline to community leaders and members of public

Information Gathering



- ❑ Information gathering will help FRDM to identify the situation and to deploy the fire fighters to the site
- Difficult in getting information because of :
 - Remote area
 - Local network not available

Drought Season



- ❑ Scientifically proven give bad affect to human
- Assist by oil palm workers
- Collaboration with Department of Environment (DOE) in getting the data
- Involve pit soil



Preparation



Logistic preparation

- ✓ Portable pumps
- ✓ Hose fitting
- ✓ Forest fire equipments
- ✓ Drone for air surveillance
- ✓ Access road to the site



Drought Control & Mitigation



- Fire safety campaign
Distribute fire safety pamphlet to oil palm company, villagers and farmers
- No open burning during dry season



The End



Thank You

