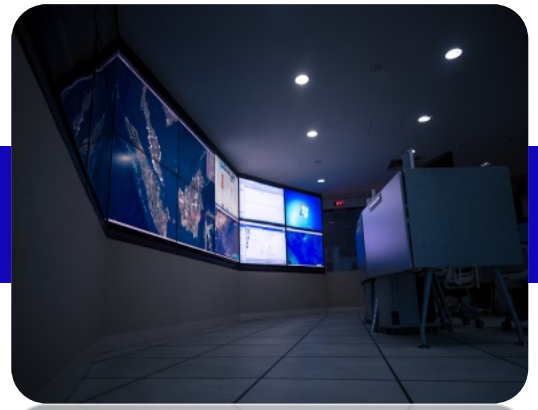
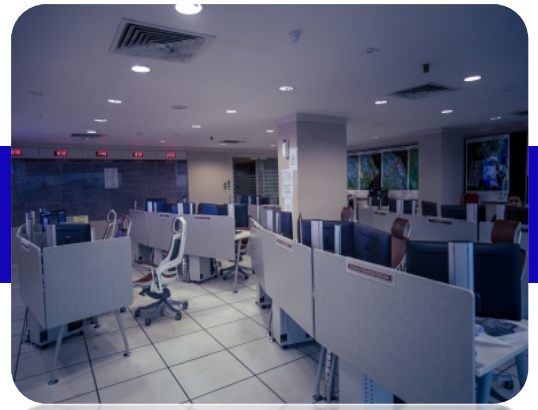
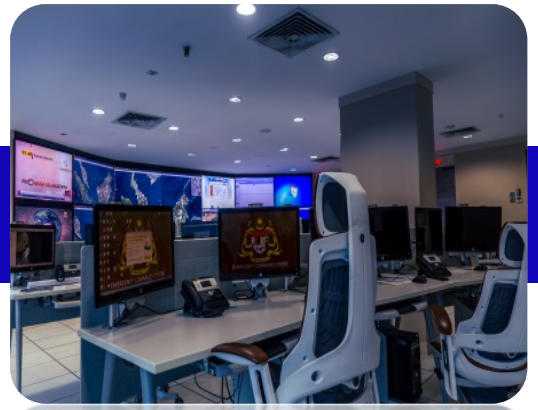
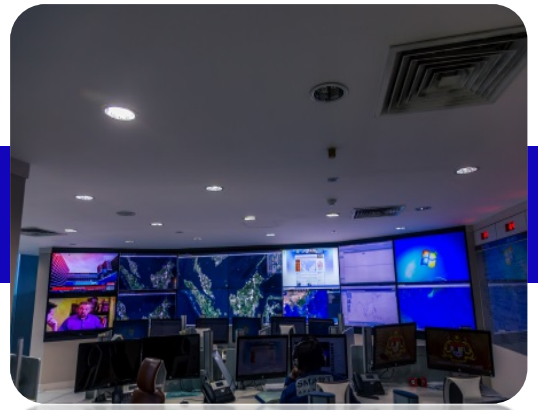
AGENSI PENGURUSAN BENCANA NEGARA
JABATAN PERDANA MENTERI

# MYDIMS

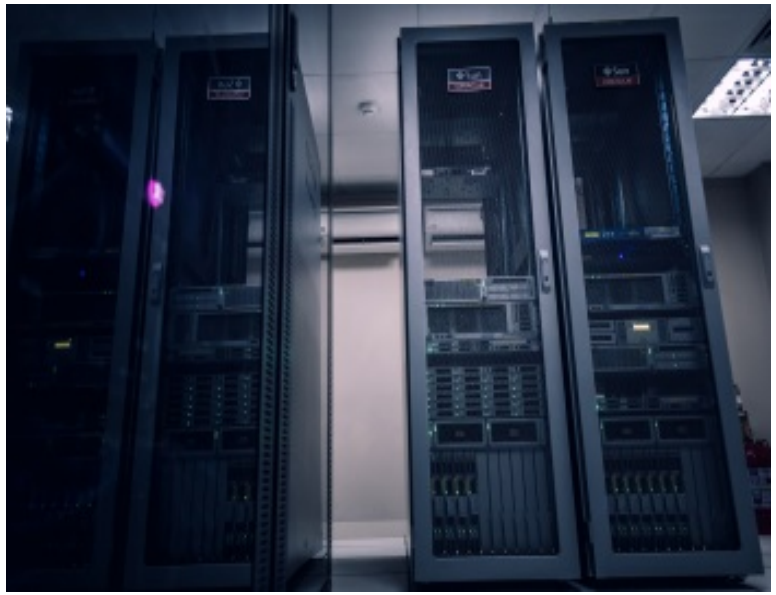
## NATIONAL DISASTER MANAGEMENT SYSTEM (NDCC)

AGENSI PENGURUSAN BENCANA NEGARA
JABATAN PERDANA MENTERI

# INFRASTRUCTURES

- National Disaster Command Center
- Disaster Management Coordination Center



**OPERATION ROOM | MEETING ROOM | SERVER ROOM | DOCUMENTATION ROOM | SERVICE ROOM | WAITING AREA | PANTRY**

AGENSI PENGURUSAN BENCANA NEGARA
JABATAN PERDANA MENTERI

# INFRASTRUCTURES

**DISASTER PORTAL | DISASTER INFORMATION MANAGEMENT SYSTEM (MYDIMS) | MyDIMS MOBILE (REPORTING & COMMUNICATION) | MOFOS VEHICLE (VIDEO RECORDING AND OBSERVATION OF DISASTER AFFECTED LOCATION)**

AGENSI PENGURUSAN BENCANA NEGARA
JABATAN PERDANA MENTERI

# NATIONAL DISASTER COMMAND CENTRE (NDCC)

# MyDIMS

Agensi Pengurusan Bencana Negara @mynadma portalbencana.ndcc.gov.my

# WHAT IS MYDIMS?

- **A Disaster Management System** which developed to help disaster management in Malaysia
- It consist of 4 cycle of disaster management which is **Mitigation, Preparedness, Response and Recovery**.
- ***Real-time disaster warning,alarm monitoring and real-time information dissemination*** via 4 different ways : **Web Announcement (Social Media),SMS, FAX, Phone Call(ACS)**
- Disaster Portal: **portalbencana.ndcc.gov.my**

# OBJECTIVE OF MYDIMS SYSTEM

- Instrumental in mainstreaming Information and Communication Technology (ICT) usage for disaster management in Malaysia.

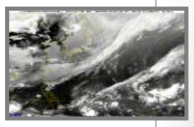
- As a starting point to make disaster management more efficient and reliable in terms of:
  - **Comprehensive reporting**
  - **Information sharing**
  - **Conmmand and control**
  - **Information dissemination**

- As a platform for cooperation among disaster reponder agencies.

# Application Architecture

**JPS**
(Flood / Irrigation/ Drainage /Water-level )

**JAS**
( Environment Info.)



**MMD**
( Weather / National Tsunami EWS)

**JKR**
( Landslide / Closed Road)

Regular Data Collection

## UIS : IGS
(Information Gathering)

Data Collection & Processing

## Mitigation
- Mitigation Project
- Mitigation Action

## Preparedness
- Hospital Info.
- Shelter Info.
- Resource Info.
- Others

## Response
- Disaster Progress
- SOP and Check-List
- Info. Dissemination
- Field Activity

## Recovery
- Damage Investigation
- Recovery Progress

## UWS : IDS
(Information Dissemination)

SMS

FAX

Automatic Calling

Activity Coordination
Info. Dissemination

Disaster Information

**Disaster Info.**
- Disaster SOP
- Hospital Info. Etc.

**System Info.**
- System User
- SOP Configuration

**GIS**
- Base Map
- Risk Map

## Elementary Information Management

## Public

## Related Organization

## Disaster Mgmt. Organization

# DISASTER MANAGEMENT SYSTEM

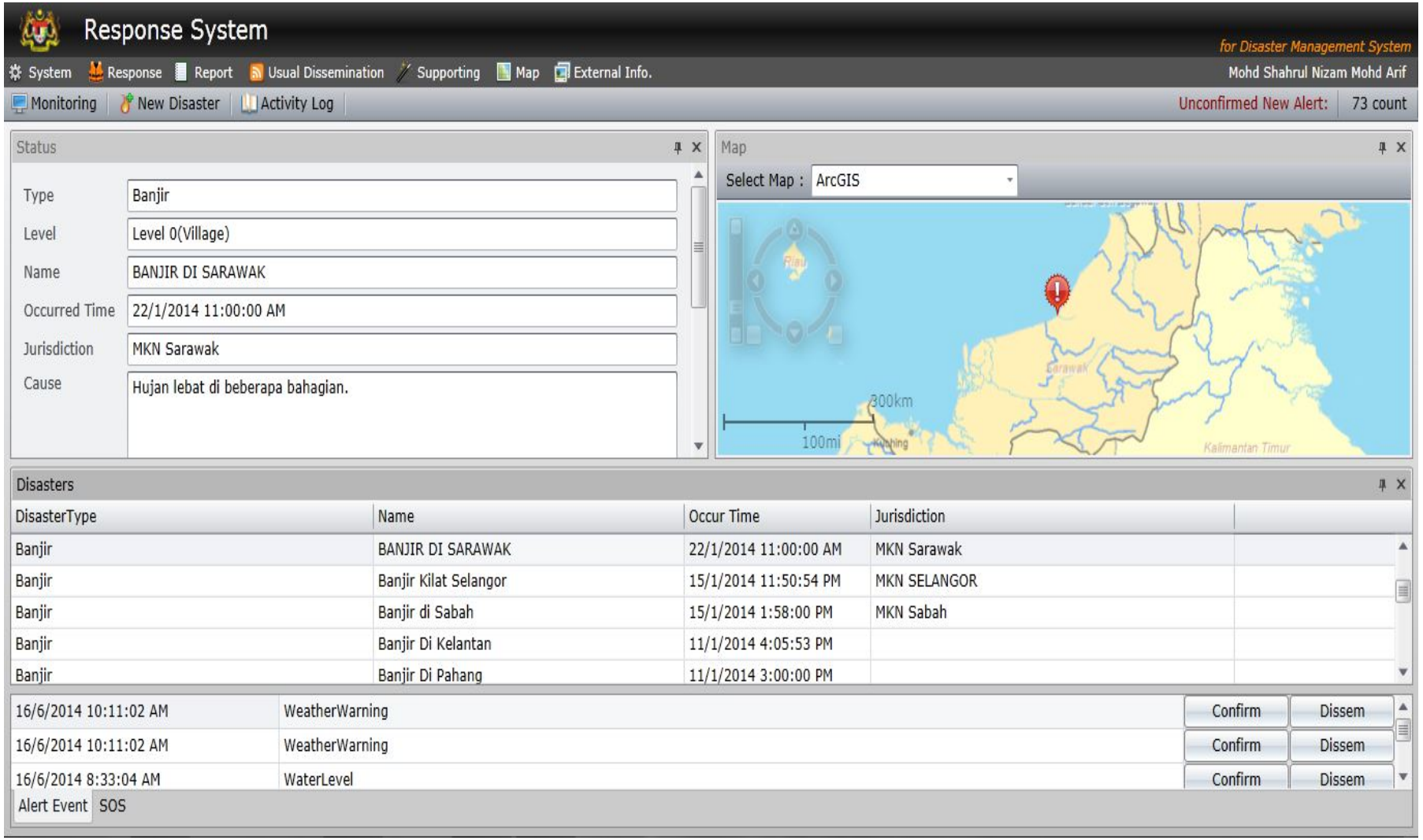
MyDIMS

Response | Situation Awareness | Disaster Analysis | Information Manager | COP

Laman Utama MyDIMS

# Modul - Response

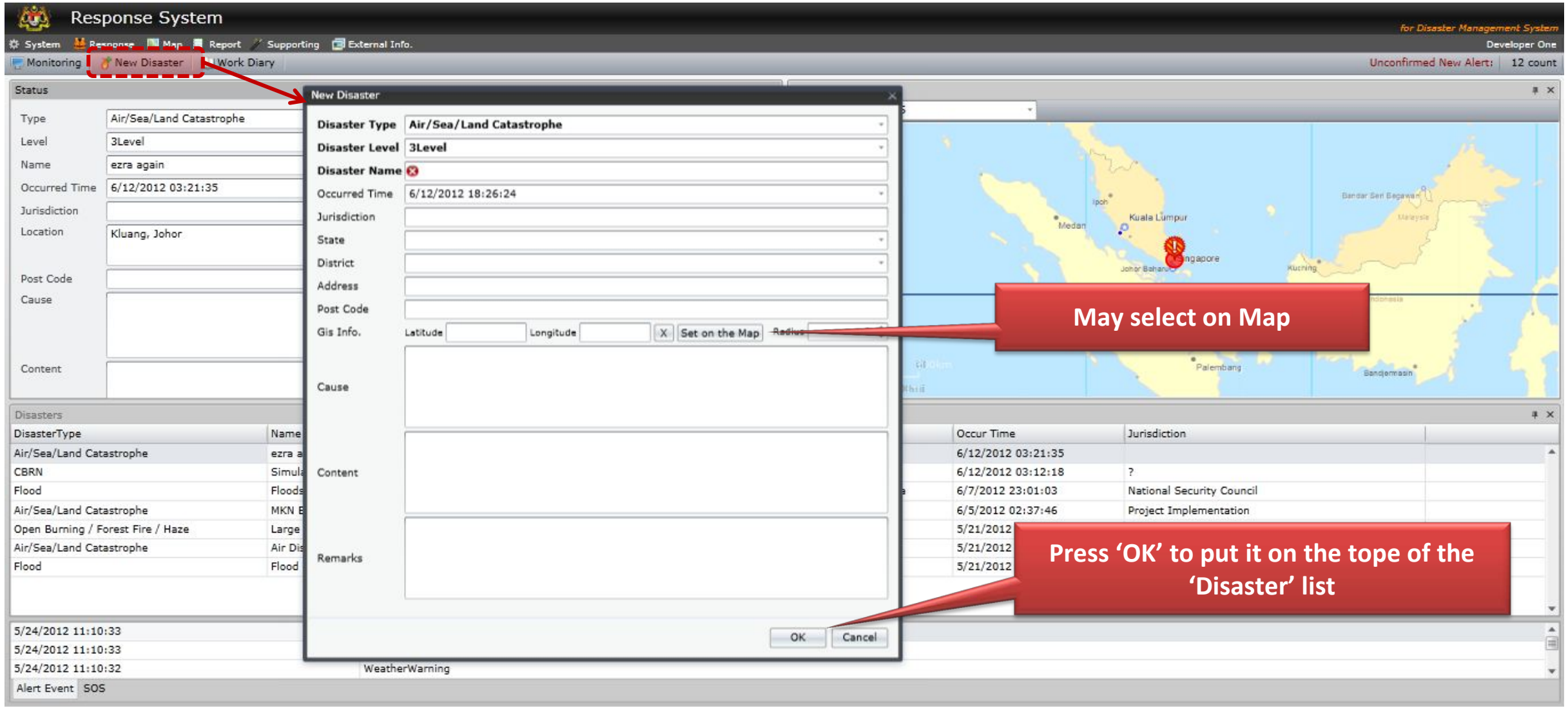
**Response module is mainly related to operator activity that includes reporting and disaster monitoring for regular time, and information dissemination, response teaming, field agent communication at disaster.**




- **Response**
- **Situation Awareness**
- **Disaster Analysis**
- **Info. Manager**
- **COP**
- **Admin Tool ( IGS / IDS Admin )**
- **MyDIMS Mobile**

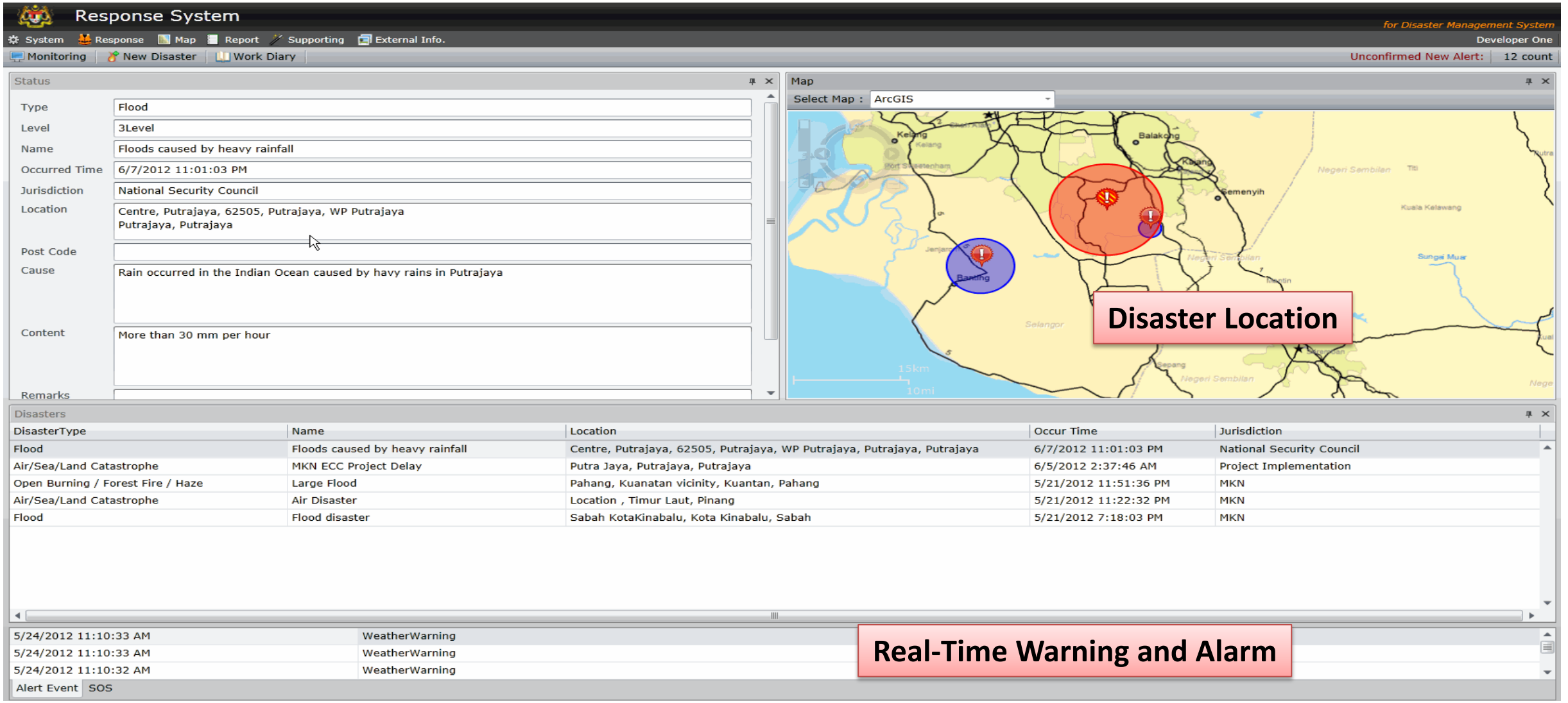
# Disaster Registration Screenshot

## New Disaster Registration: ex. “Flood”



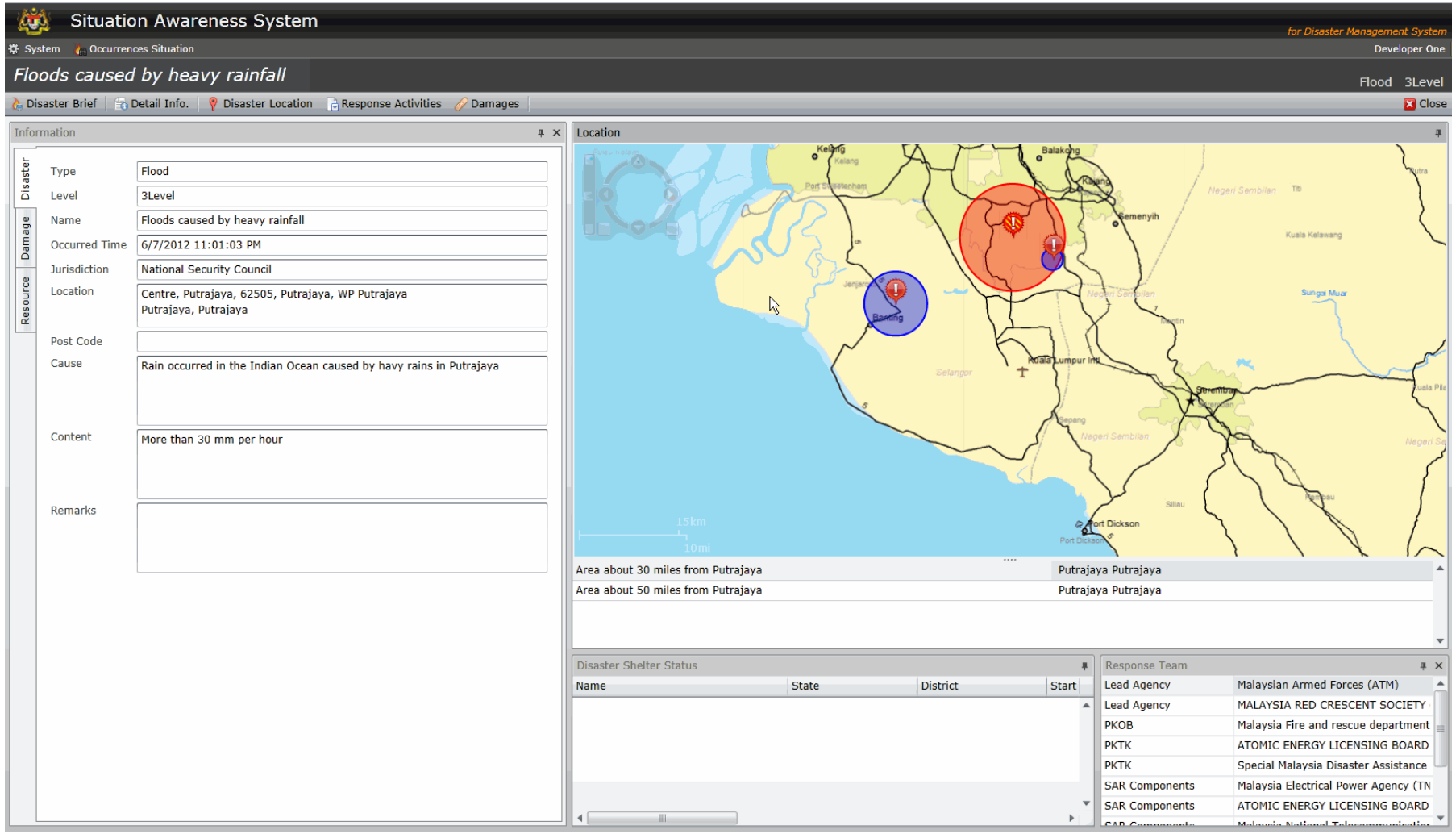
# Early Warning Screenshot

## Window Layout: Early Warning Alerts, Information, and Locations



# Modul – Situation Awareness

**Situation Awareness allows disaster activity monitoring and information query that was conducted by ECC operator. It includes response teaming, damage status, and other responsive activities.**




- Response
- **Situation Awareness**
- Disaster Analysis
- Info. Manager
- COP
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# Modul – Disaster Analysis

**Disaster Query shows all the disaster statistics information. Using this module, user can query all the past disaster occurrence and damage history based on disaster type, location and periods.**

- Response
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- **Disaster Analysis**
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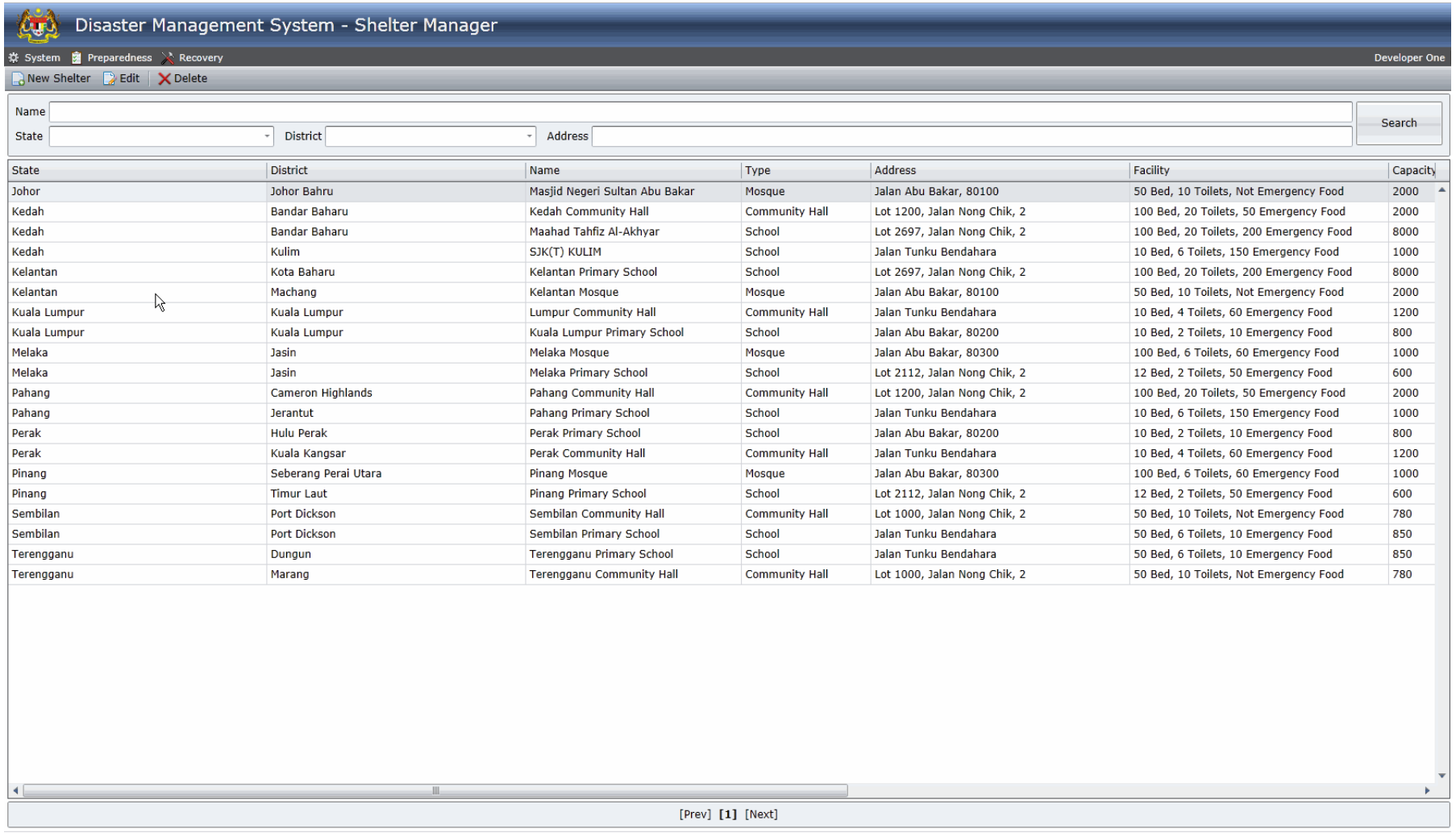
# Modul – Information Manager

**Using information manager module, user can manage all the required information including organization, asset, hospital, shelter, and others. It also includes pre-setting information for disaster response. It will be composed of Web and Client Agent Program.**




| State | District | Name | Type | Address | Facility | Capacity |
|---|---|---|---|---|---|---|
| Johor | Johor Bahru | Masjid Negeri Sultan Abu Bakar | Mosque | Jalan Abu Bakar, 80100 | 50 Bed, 10 Toilets, Not Emergency Food | 2000 |
| Kedah | Bandar Baharu | Kedah Community Hall | Community Hall | Lot 1200, Jalan Nong Chik, 2 | 100 Bed, 20 Toilets, 50 Emergency Food | 2000 |
| Kedah | Bandar Baharu | Maahad Tahfiz Al-Akhyar | School | Lot 2697, Jalan Nong Chik, 2 | 100 Bed, 20 Toilets, 200 Emergency Food | 8000 |
| Kedah | Kulim | SJK(T) KULIM | School | Jalan Tunku Bendahara | 10 Bed, 6 Toilets, 150 Emergency Food | 1000 |
| Kelantan | Kota Baharu | Kelantan Primary School | School | Lot 2697, Jalan Nong Chik, 2 | 100 Bed, 20 Toilets, 200 Emergency Food | 8000 |
| Kelantan | Machang | Kelantan Mosque | Mosque | Jalan Abu Bakar, 80100 | 50 Bed, 10 Toilets, Not Emergency Food | 2000 |
| Kuala Lumpur | Kuala Lumpur | Lumpur Community Hall | Community Hall | Jalan Tunku Bendahara | 10 Bed, 4 Toilets, 60 Emergency Food | 1200 |
| Kuala Lumpur | Kuala Lumpur | Kuala Lumpur Primary School | School | Jalan Abu Bakar, 80200 | 10 Bed, 2 Toilets, 10 Emergency Food | 800 |
| Melaka | Jasin | Melaka Mosque | Mosque | Jalan Abu Bakar, 80300 | 100 Bed, 6 Toilets, 60 Emergency Food | 1000 |
| Melaka | Jasin | Melaka Primary School | School | Lot 2112, Jalan Nong Chik, 2 | 12 Bed, 2 Toilets, 50 Emergency Food | 600 |
| Pahang | Cameron Highlands | Pahang Community Hall | Community Hall | Lot 1200, Jalan Nong Chik, 2 | 100 Bed, 20 Toilets, 50 Emergency Food | 2000 |
| Pahang | Jerantut | Pahang Primary School | School | Jalan Tunku Bendahara | 10 Bed, 6 Toilets, 150 Emergency Food | 1000 |
| Perak | Hulu Perak | Perak Primary School | School | Jalan Abu Bakar, 80200 | 10 Bed, 2 Toilets, 10 Emergency Food | 800 |
| Perak | Kuala Kangsar | Perak Community Hall | Community Hall | Jalan Tunku Bendahara | 10 Bed, 4 Toilets, 60 Emergency Food | 1200 |
| Pinang | Seberang Perai Utara | Pinang Mosque | Mosque | Jalan Abu Bakar, 80300 | 100 Bed, 6 Toilets, 60 Emergency Food | 1000 |
| Pinang | Timur Laut | Pinang Primary School | School | Lot 2112, Jalan Nong Chik, 2 | 12 Bed, 2 Toilets, 50 Emergency Food | 600 |
| Sembilan | Port Dickson | Sembilan Community Hall | Community Hall | Lot 1000, Jalan Nong Chik, 2 | 50 Bed, 10 Toilets, Not Emergency Food | 780 |
| Sembilan | Port Dickson | Sembilan Primary School | School | Jalan Tunku Bendahara | 50 Bed, 6 Toilets, 10 Emergency Food | 850 |
| Terengganu | Dungun | Terengganu Primary School | School | Jalan Tunku Bendahara | 50 Bed, 6 Toilets, 10 Emergency Food | 850 |
| Terengganu | Marang | Terengganu Community Hall | Community Hall | Lot 1000, Jalan Nong Chik, 2 | 50 Bed, 10 Toilets, Not Emergency Food | 780 |



- Response
- Situation Awareness
- Disaster Analysis
- **Info. Manager**
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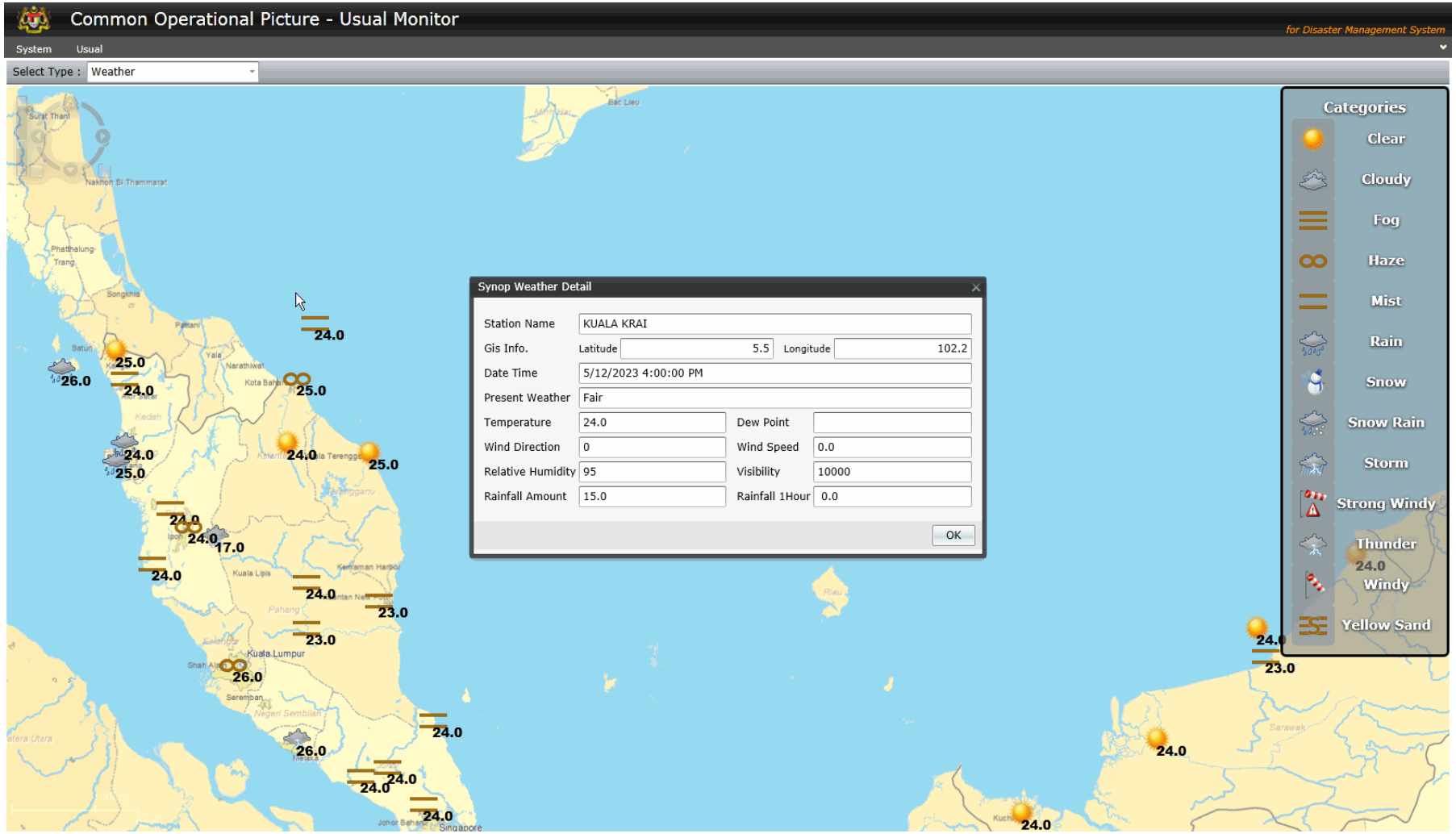
# Modul – Common Operation Picture

**COP is the module to be displayed at ECC Operation main projections. It shows all the real-time information that was collected from related agency. Besides, it shows the overall disaster progress for selected disaster.**




- Response
- Situation Awareness
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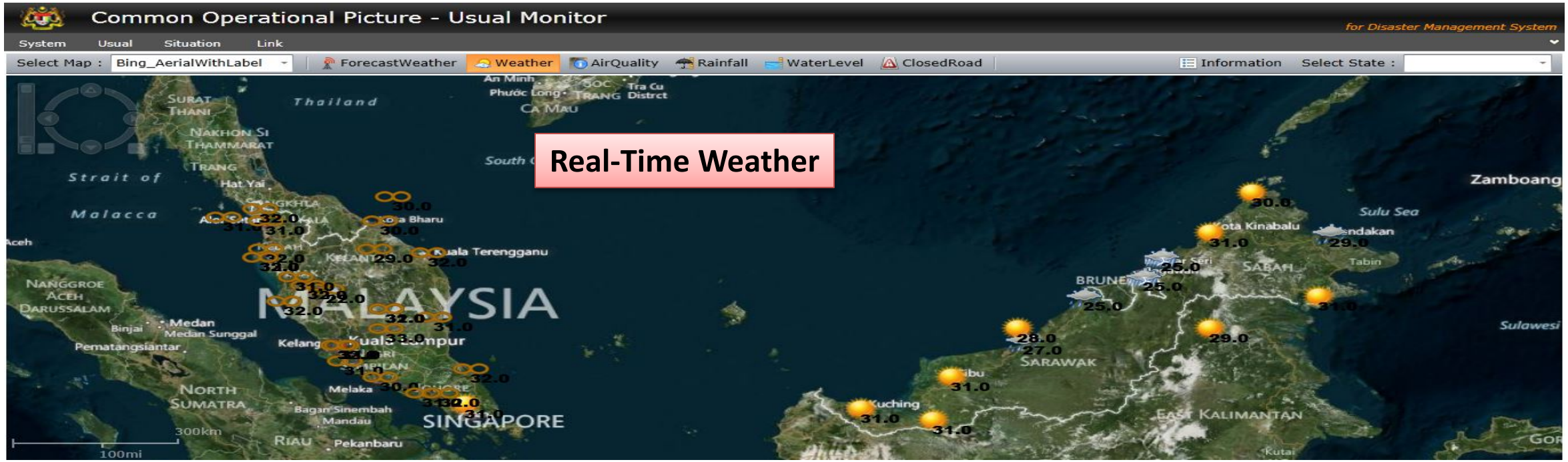
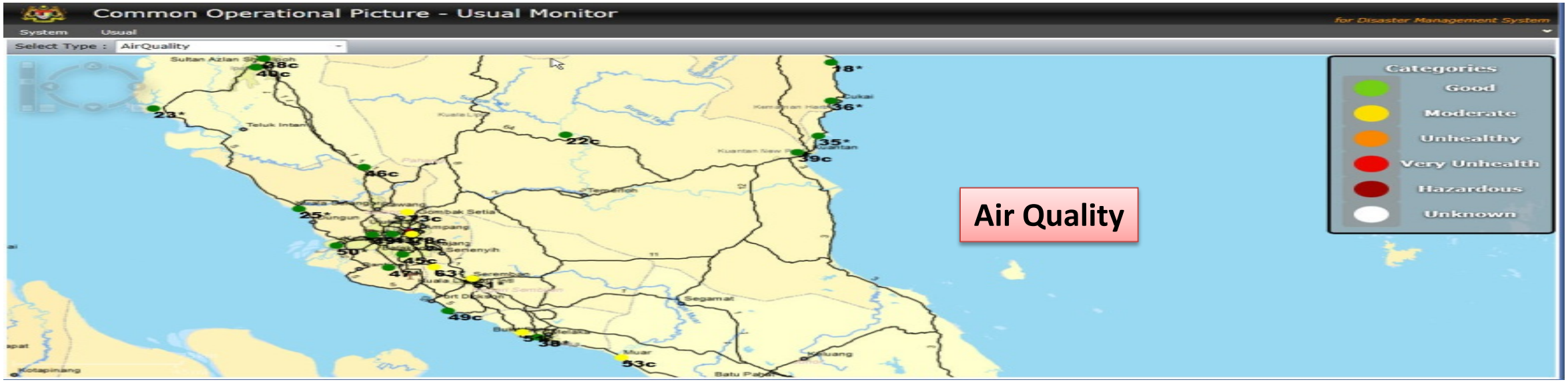
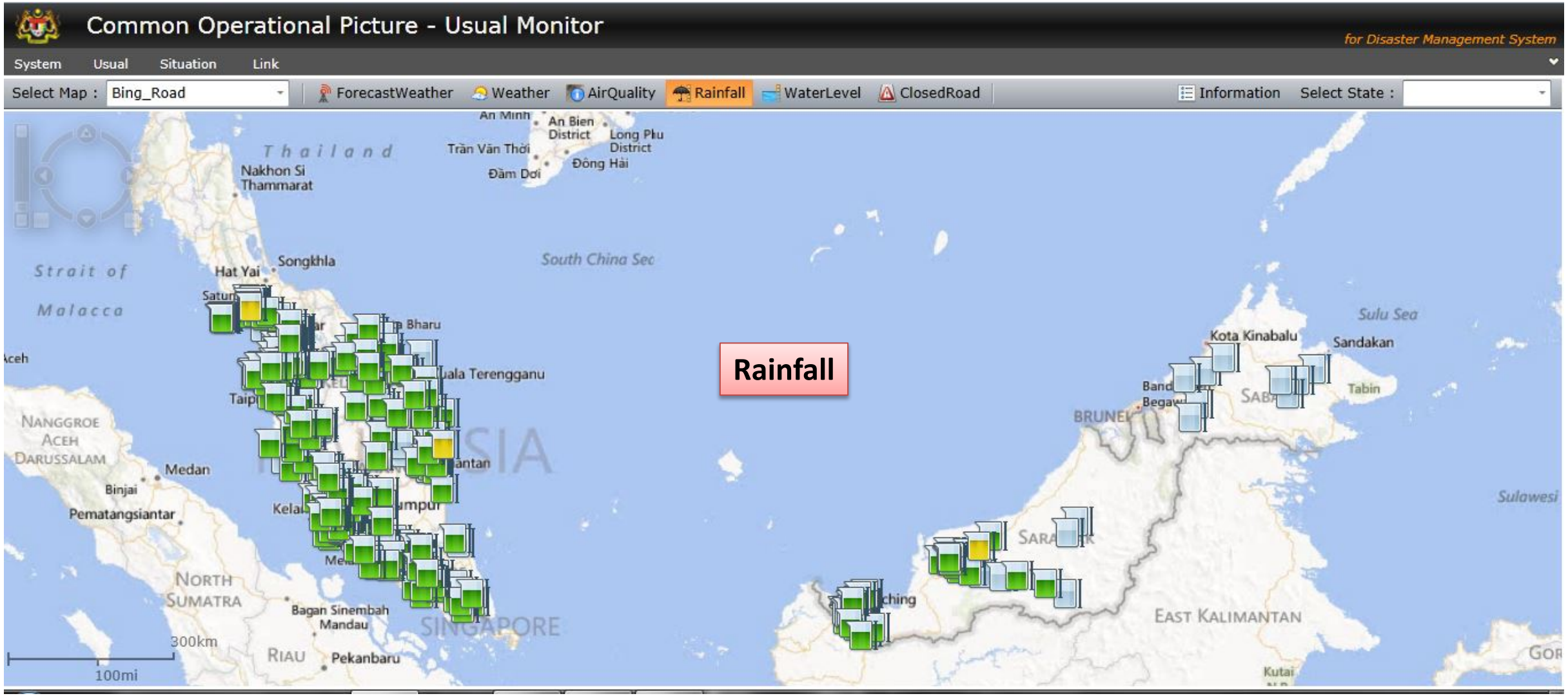
- **COP**
- Admin Tool ( IGS / IDS Admin )
- MyDIMS Mobile

# Disaster Monitoring Screenshot : COP



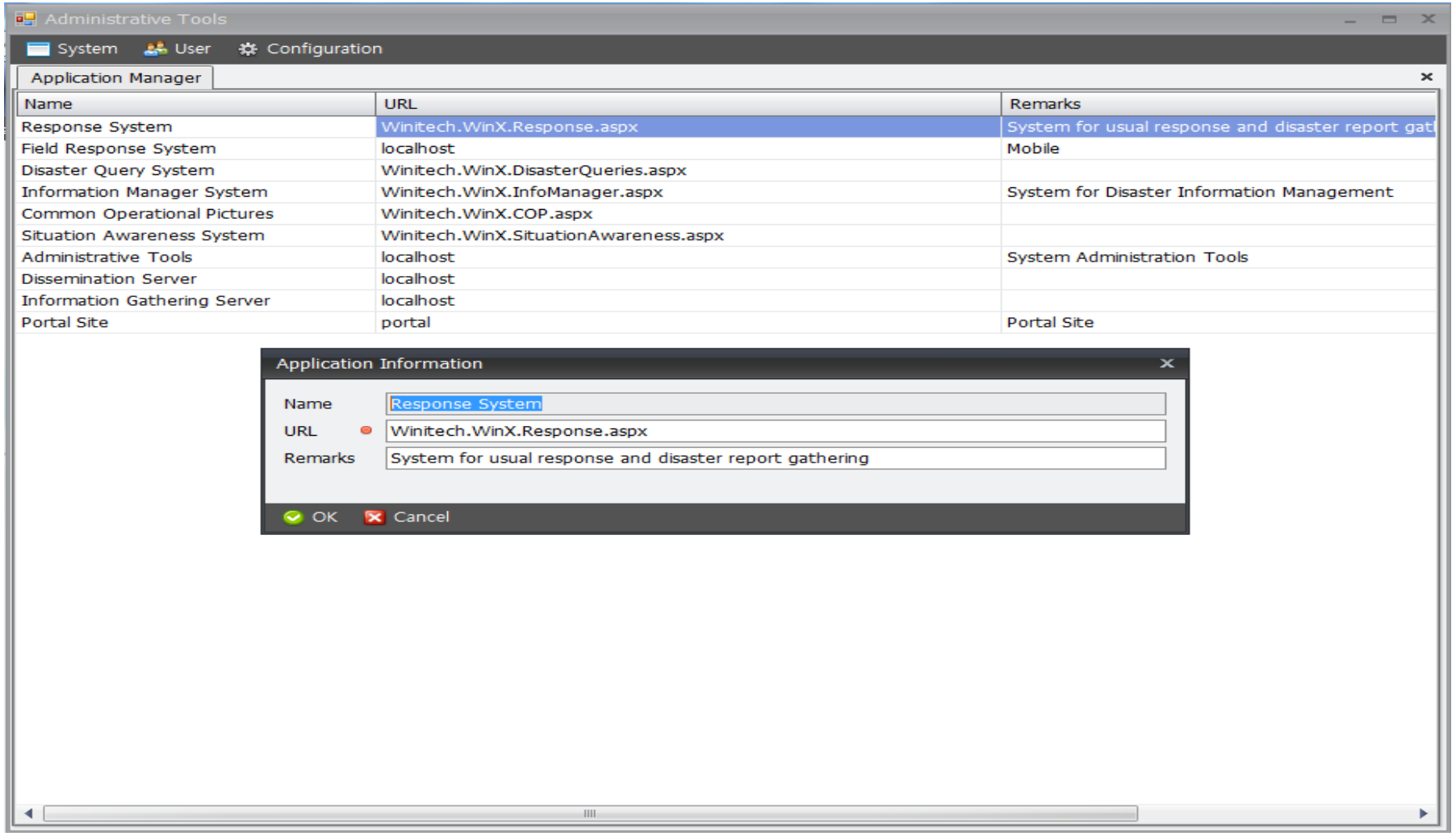



# Disaster Monitoring Screenshot : COP



# Modul– System Admin Tools

**Using Admin Tools, system administrator can configure the system components of MyDIMS. User registration and authority assignment also will be managed by Admin Tools.**

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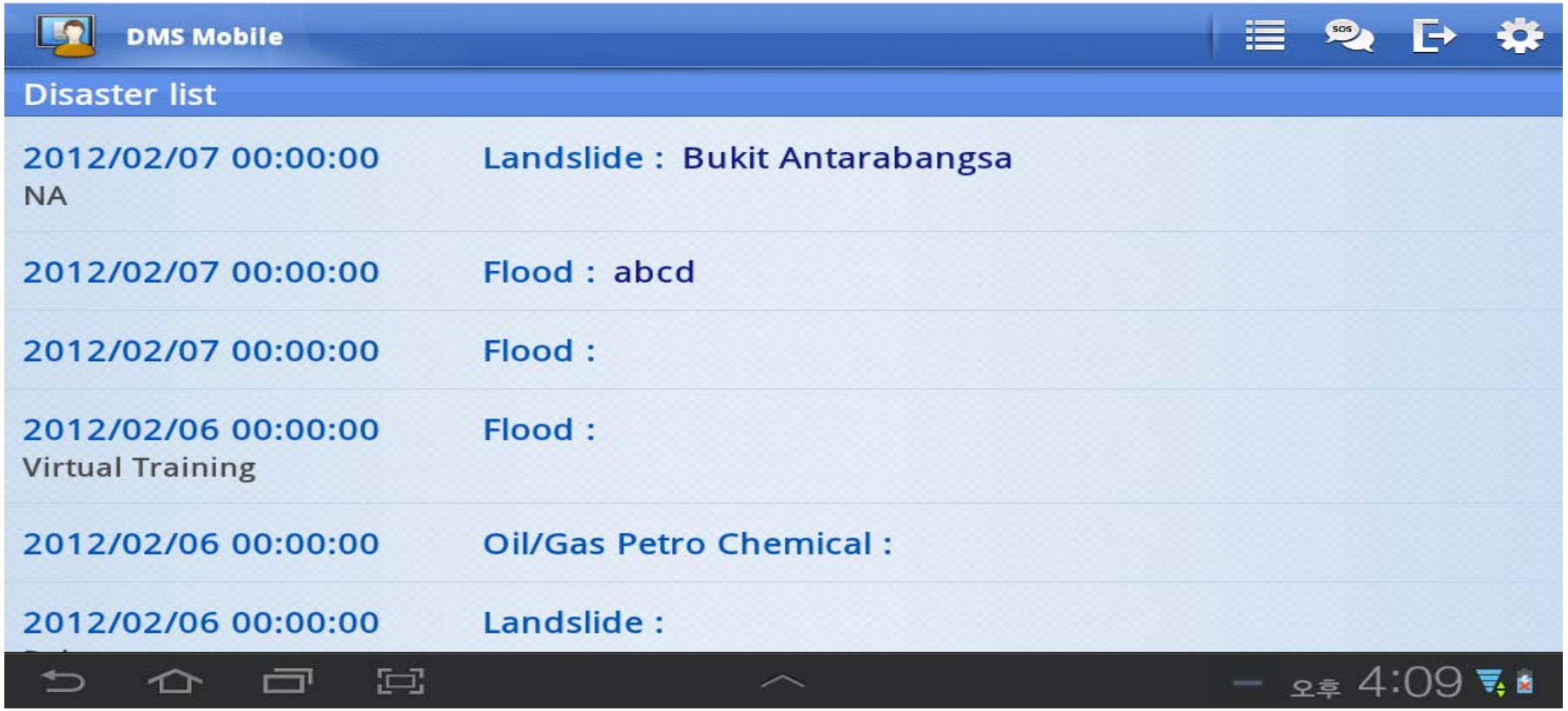
# Modul – MyDIMS Mobile

**Using MyDIMS Mobile, field agent will be able to communicate with ECC operator including field status report, field image upload, and damage status report. This will be installed at Galaxy Tab for field agent.**

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# NATIONAL DISASTER COMMAND CENTRE (NDCC)

# Thank you
# Terima kasih

Agensi Pengurusan Bencana Negara @mynadma portalbencana.ndcc.gov.my