

Introduction 2

### Research approach

#### Research/ Project

- Total framework of DRR
- Engineering and Social science
- · Domestic and International





### **Training by DMTC**

- Comprehensive process
- Decision-making
- Government, Prefecture, Municipality, Business sector, Community





#### Real disaster

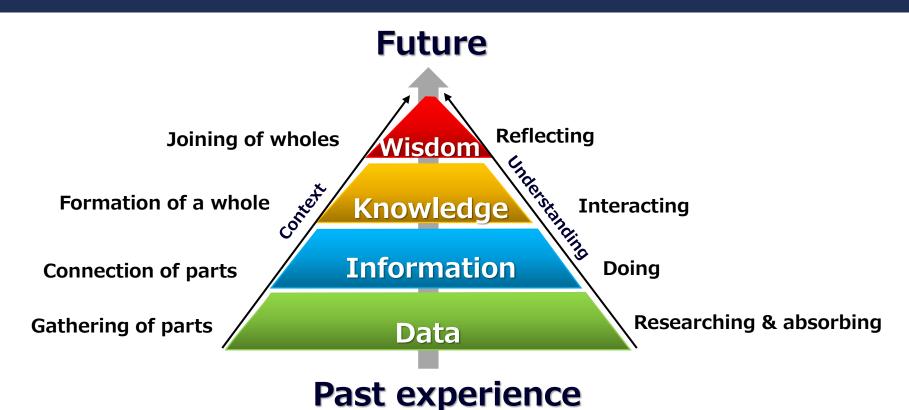
- Technical support for EOC
- · Process management
- Review



**Disaster Management Training Center** 



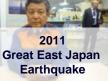
### Past experiences can make our future



1995

Great Hanshin-Awaji

Earthquake



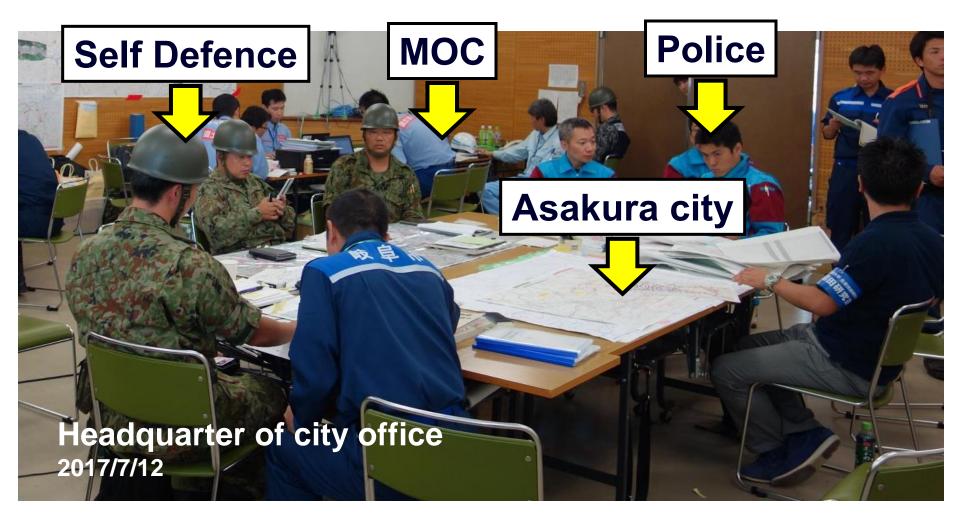








# Nobody understand the roles of each stakeholder - No management -





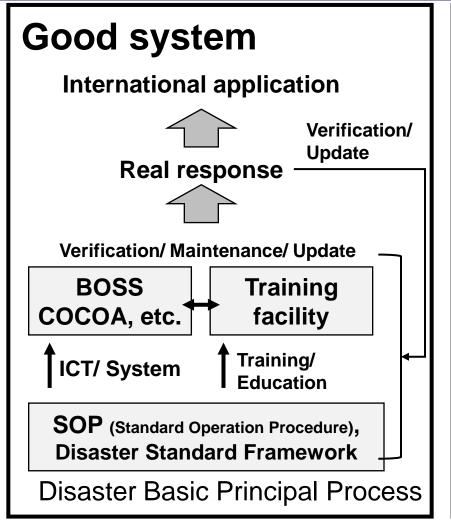
### How do you manage the information

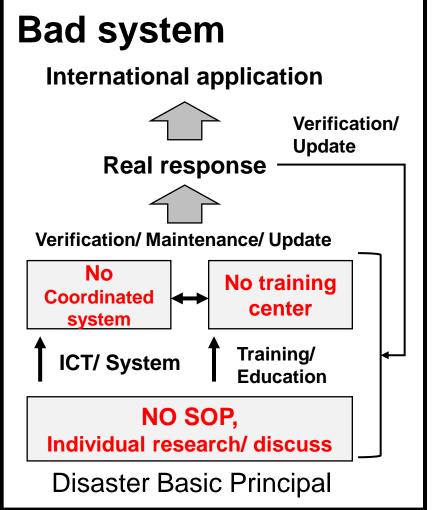


**Disaster Management Training Center** 



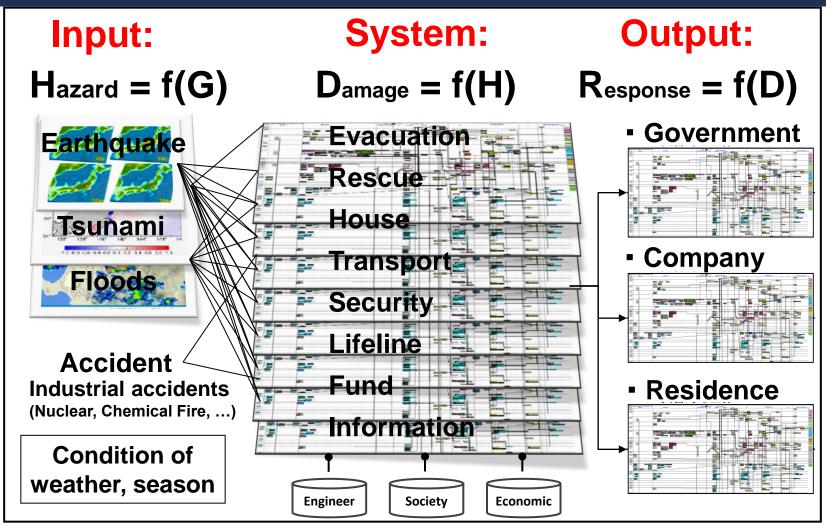
### Create good system on Disaster management







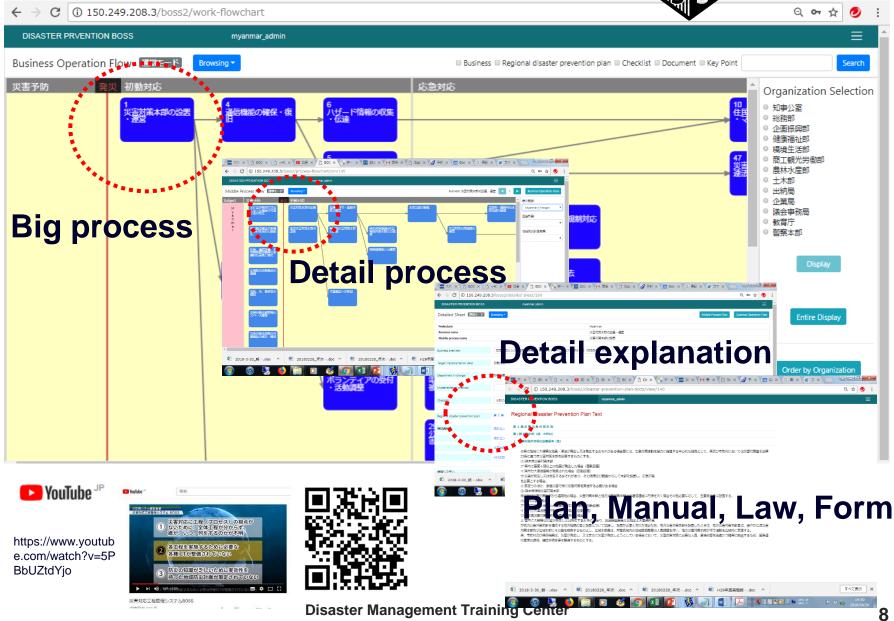
### Simulation image



#### Development of system for managing the process "BOSS"



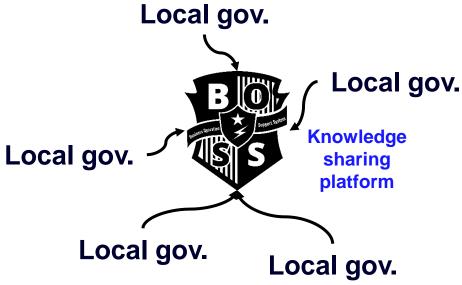
http://150.249.208.3/boss2/process-flowchart/pm/187













**BOSS** team

Leader: Experience Member: No experience



Leader: No experience Member: No experience





**EOC** 



### Disaster Management Process based training



GAD training for directors 6 February 2019.



Total about 350 GAD staffs are trained.

**Disaster Management Training Center** 

### Heavy rain disaster response at EOC of DMC



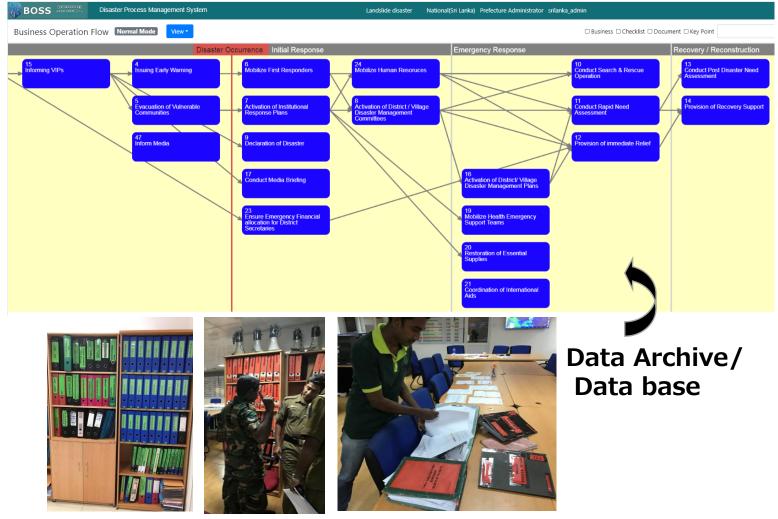






**Disaster Management Training Center** 

### Data Archive of documents for knowledge sharing



**Disaster Management Training Center** 

#### **Overview of Disaster Management Training Center**



Core framework 8 fields and 47 types of disaster Rescue / Medical Support Evacuation Victim Support

Regional reconstruction Infrastructur e system reconstruction Finance /
Financial
Science

Disaster governance

**Disaster informatics** 

Basic discipline of risk management

#### **Practical Program**

Based on the principles of disaster management,

Cultivate human resources who can work practically in the field.



**■ Basic Program** 

Disaster Countermeasures



**Disaster Science** 

Fully online courses

CONTRACTOR STATEMENT OF THE STATEMENT OF

**■** Specialized Programs

Emergency Operation Center (The EOC)

The Search and Rescue Exercise (TSR)

**Shelter Management Exercise (TSM)** 

Building survey to livelihood reconstruction assistance (THM)

Disaster Preparedness for Condominiums

Disaster Preparedness of Welfare Facilities





\*One example, courses will be opened in stages in the future.

#### **Recurrent Program**

Students learn advanced research related to disaster countermeasures, enhance their education, and develop human resources to create new values.

**■ Education and Research Programs** 

Disaster Preparedness
Executive Program
Disaster Solution Executive Program



#### **Outreach Activities**

Dissemination of various knowledge on disaster preparedness.

#### ■ Study groups, research groups, etc.

- Training for the general public
- Symposium
- Group training for schools, companies, and other organizations



## Scenario situation setup



Understanding the operations by BOSS system for decision-making based on the damage situation





Emergency
Operation Center
(The EOC)



The Search and Rescue Exercise (TSR)



### Basic knowledge and practical training



**Disaster Management Training Center** 

#### **Disaster City Concept**



Lecture room (large room)





Gymnasium (shelter)



collapsed utility pole

roof

Headquarters exercise rooms (2 rooms)



Room for ERT



heliport



waste



Drone operation area



difference in road level

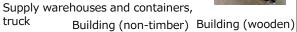


Sandbag space

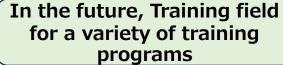


Heavy equipment operation area abandoned vehicle









triage

Like Texas A&M. Risk and resilience attracting global attention We want to make it a research and educational institution.







