Workbook



Name	
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"How We Can Overcome a Disaster"

"Project for Development of a Comprehensive Disaster Resilience System and Collaboration Platform in Myanmar"

YTU-JICA project



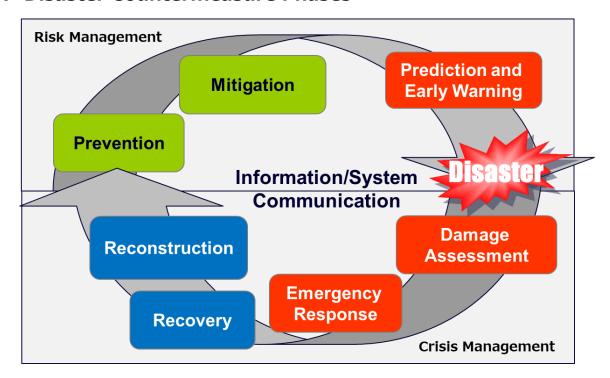
Project WEB site

http://www.disasterinfo.jp/bs/mmr/

Muneyoshi NUMADA

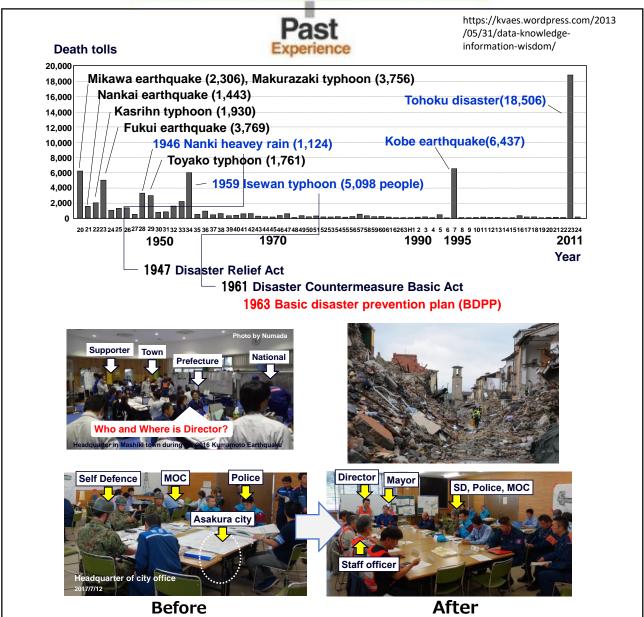
Associate Professor The University of Tokyo

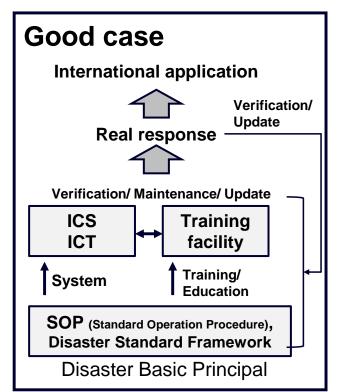
7 Disaster Countermeasure Phases

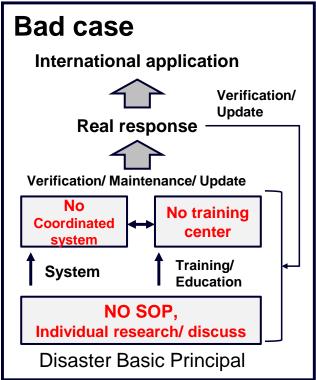


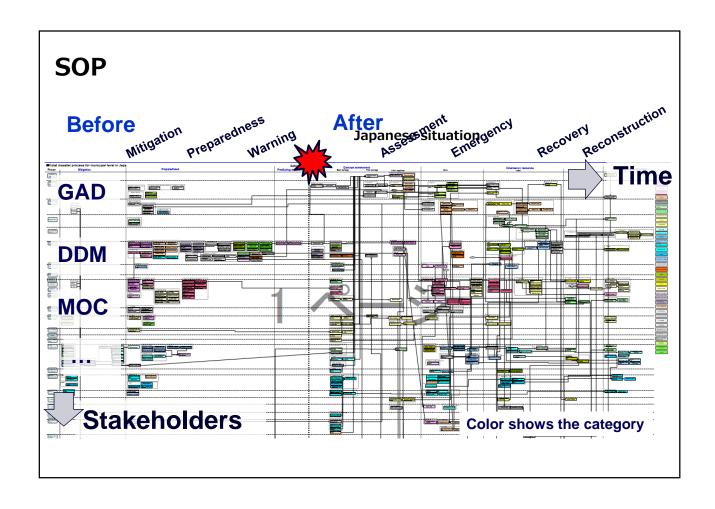
Phase	Examples
Prevention	Primarily improving the structural performance and preventing damages by adding amendments to land-use policy.
Mitigation	Seismic reinforcement of buildings and various structures, reinforcement to resilient structure, liquefaction countermeasures, earthquake-proofing residential homes, prevention of collapse of road bridge
Prediction	To predict and forecast disasters in advance and issue warnings
Damage Assessment	To assess with high accuracy the location as well as the degree of damage as soon as possible.
Emergency Response	Based on the damage evaluation results, the carrying out of rescue operations and recovery of region's basic functions.
Recovery	The general definition of recovery is the restoration to the state before the disaster.
Restoration	Since the former state of the region is not disaster-resilient, there is a need to rebuild the region with stronger disaster resilience. This is called reconstruction.





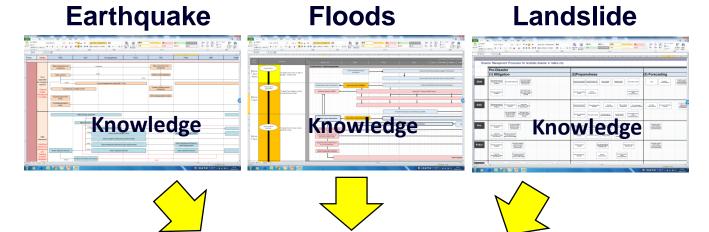




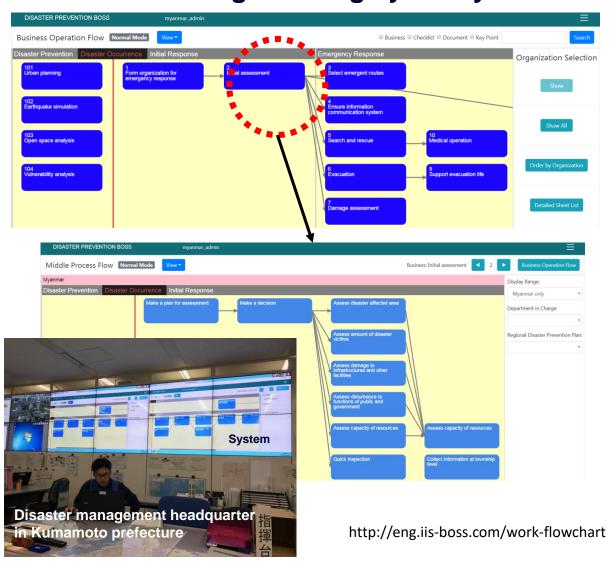


Developed system: Workflow chart system

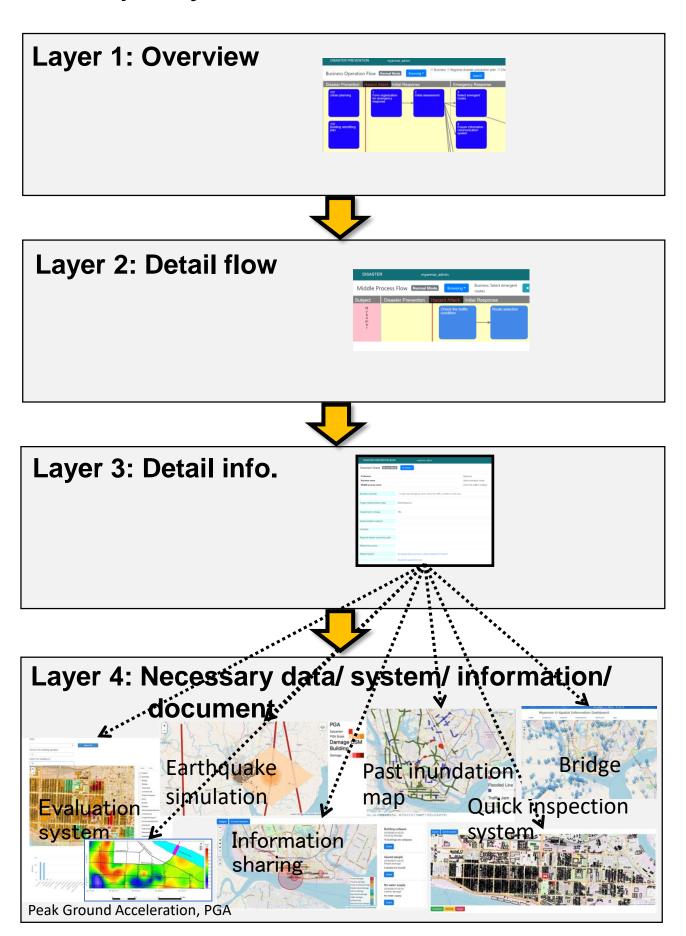
How we can share the knowledge of disaster management with young staffs?



Knowledge sharing by the system



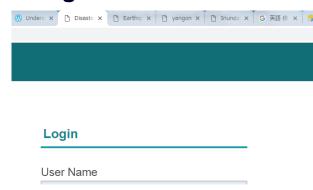
Developed system: overview



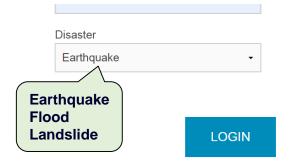
How to use the system

http://eng.iis-boss.com/

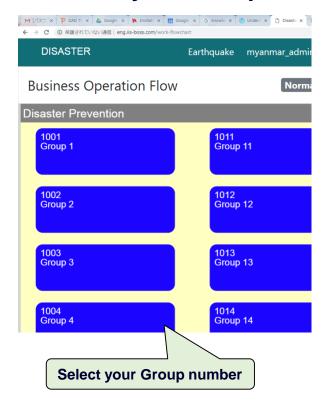
1. Login



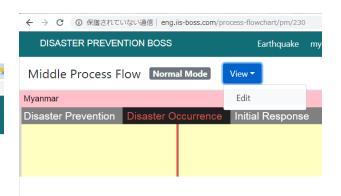
ID: Myanmar_admin Pass: kumamon



2. Select your Group ID

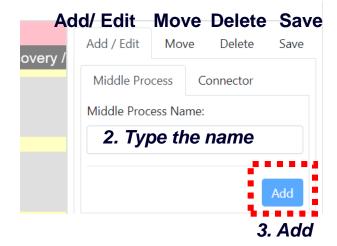


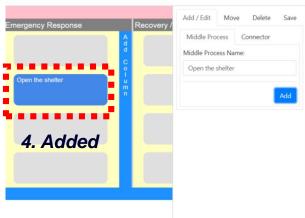
3. Change from "View" to "Edit" mode



4. Make your flow chart

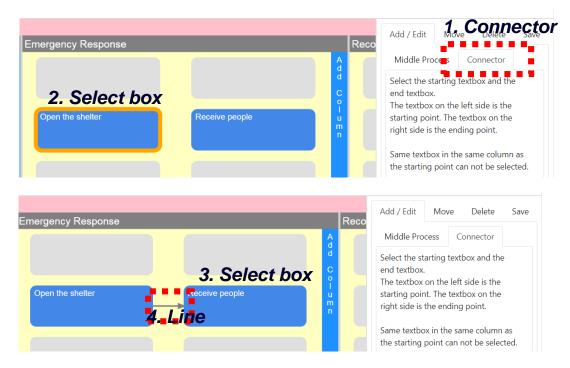




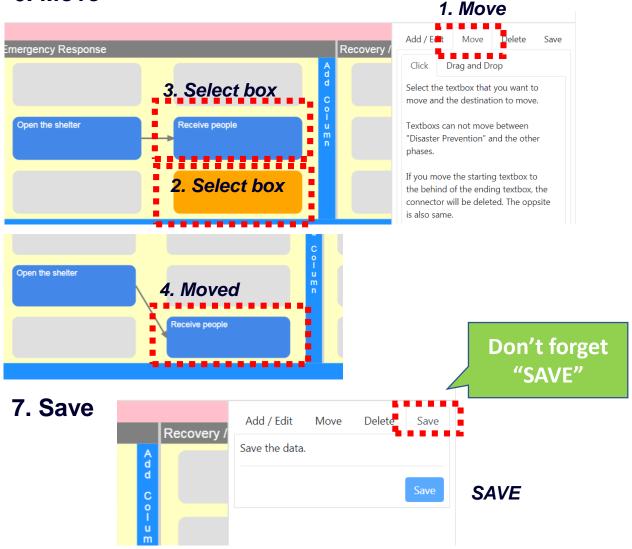


How to use the system

5. Connector

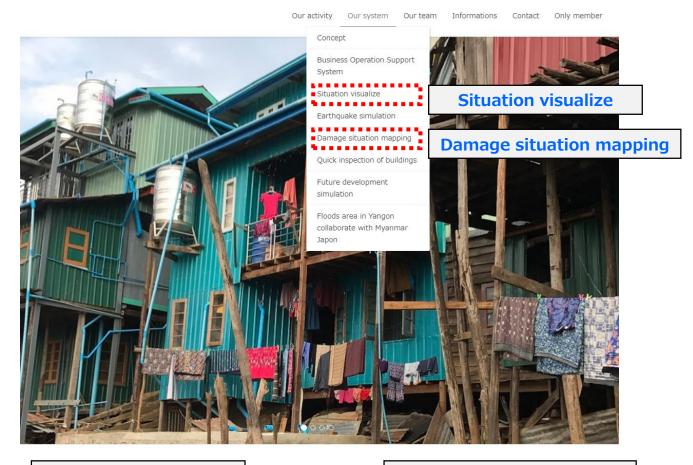




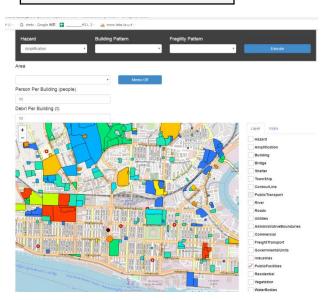


Situation visualize and Damage situation mapping

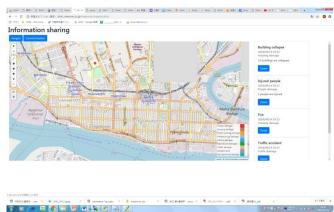
Disaster Management Support System



Situation visualize



Damage situation mapping

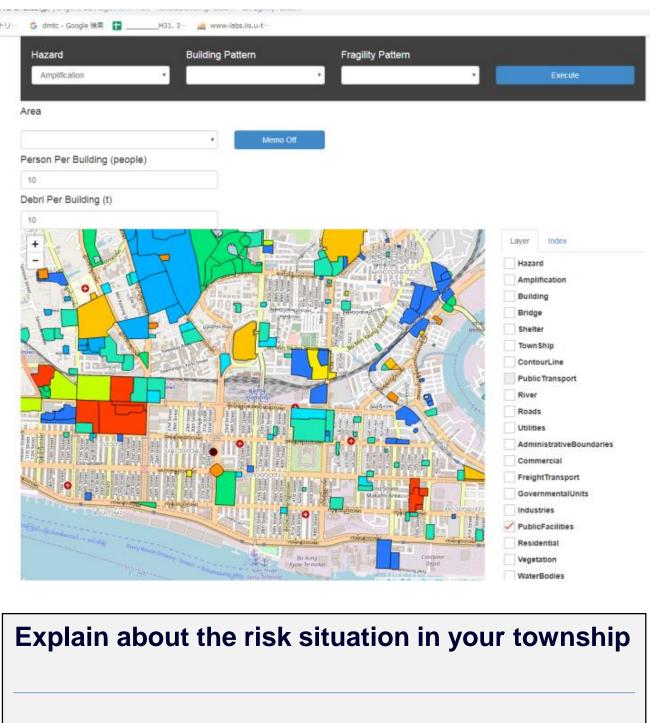


Access



http://www.disasterinfo.jp/bs/mmr/

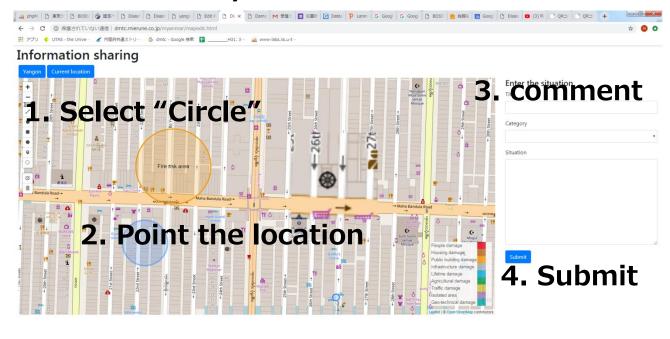
Situation visualize to understand the situation

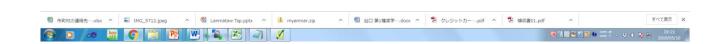


Sketch up the risk condition on the map

dmtc.mierune.co.jp/myanmar/mapedit.html

How to use the system





What to sketch up

Step 1: Where are evacuation places?

Step 2: How many people evacuate?

Step 3: Where is dangerous road?

Step 4: Where are dangerous buildings?





