



**2014 9<sup>th</sup> UNESCAP/WMO Typhoon Committee  
Integrated Workshop**

## **Report of WGDRR**

**2014. 10. 23**

**Yeo, Woon Kwang**

# CONTENTS



## 1. Brief on 2014 WGDRR Activities

## 2. WGDRR in 2014 IWS

- Review of 2014 AOPs & Budget
- Planning of 2015 AOPs & Budget





# 2014 WGDRR Activities

# 1. 46<sup>th</sup> TC Session



- 10. – 13. Feb 2014, Bangkok, Thailand
- TC members, UNESCAP, WMO



## 2. 9<sup>th</sup> WGDRR Annual Meeting



- ❖ **Topic : Past, Present, and Future of WGDRR**
- ❖ **Participants**
  - 1) **Member countries**
    - : Hong Kong, Macao, Malaysia, Thailand, USA(Guam, Hawaii), Viet Nam
  - 2) **UNESCAP : Mrs. Ha, Yejin**
  - 3) **ADRC : Mr. Junji Moriwaki**
  - 4) **TCS : Mr. Olavo Rsquinho, Leong kai Hong, Derek, Lei Pun Chi, Barrie**
  - 5) **Tohoku University : Dr. Ono Yuichi**

## 2. 9<sup>th</sup> WGDRR Annual Meeting



<9<sup>th</sup> DRR Annual Meeting @ COAX, Seoul>

## 2. 9<sup>th</sup> WGDRR Annual Meeting



<9<sup>th</sup> DRR Annual Meeting @ COAX, Seoul>



### 3. MOA between PAGASA and NDMI

#### Memorandum of Agreement (MOA) Between NDMI and PAGASA

- Date/Venue : 2014. 1. 22. / PAGASA in Manila, Philippines



<Memorandum of Agreement between NDMI and PAGASA>





2014 WGDRR in 9<sup>th</sup> IWS

# WGDRR Parallel Session in 2014 IWS

- **Attendance** : 9 Members (China, DPR Korea, Hong Kong(China), Lao PDR, Malaysia, Republic of Korea, Thailand, USA(Guam, Hawaii), Viet Nam) & ADRC, UNESCAP, TCS
- **Brief on WGDRR Activities in 2014**
- **Review of 2014 AOPs & Budget**
- **Discussion of 2015 AOPs & Budget**
- **Reappointment of chair & vice chair**
- **Planning of participation on the 3<sup>rd</sup> UN World Conference**





2014 WGDRR AOPs

# 2014 WGDRR AOPs Review

1

**Extend the WEB GIS based TCDIS**

2

**Provide the training program**

3

**Promote the international cooperation research**

4

**Application of SWIedge to member countries**

5

**Benefit Evaluation of Typhoon Disaster**

6

**Setting up community weather stations**

7

**Supporting Synergized Standard Operation Procedure (SSOP )**

8

**Media response to build the trust with media**

9

**Making the information more understandable to the public and make them react**

10

**Providing policy message on two events namely AMCDRR and 3rd UN World Conference**







# Review of 2014 AOPs of WGDRR

## AOP 1 Extend the WEB GIS based TCDIS (NDMI)

After


**Typhoon Committee**  
**Disaster Information System**



ESCAP/WMO  
Typhoon Committee

ndmi  
NATIONAL DISASTER MANAGEMENT INFORMATION

[TC WG DRR](#)[TCDIS](#)[Disaster Information](#)[Contact Us](#)




ID

PW

Log-in

### News & Notice







**Typhoon Maemi ravages South Korea, at least 110**  
at least 110  
Typhoon Maemi ravages South Korea, at least 110 very long very lo

**Typhoon Maemi ravages South Korea, at least 110**  
at least 110at least 110at least 110at least 110

Typhoon Maemi ravages South Korea, at least 110 v  
ery long very long very long very long

### Photo gallery





# Review of 2014 AOPs of WGDRR

## AOP 1 Extend the WEB GIS based TCDIS (NDMI)

### Tracking Options

TIP Typhoon Information Provider

== COUNTRY INFO ==

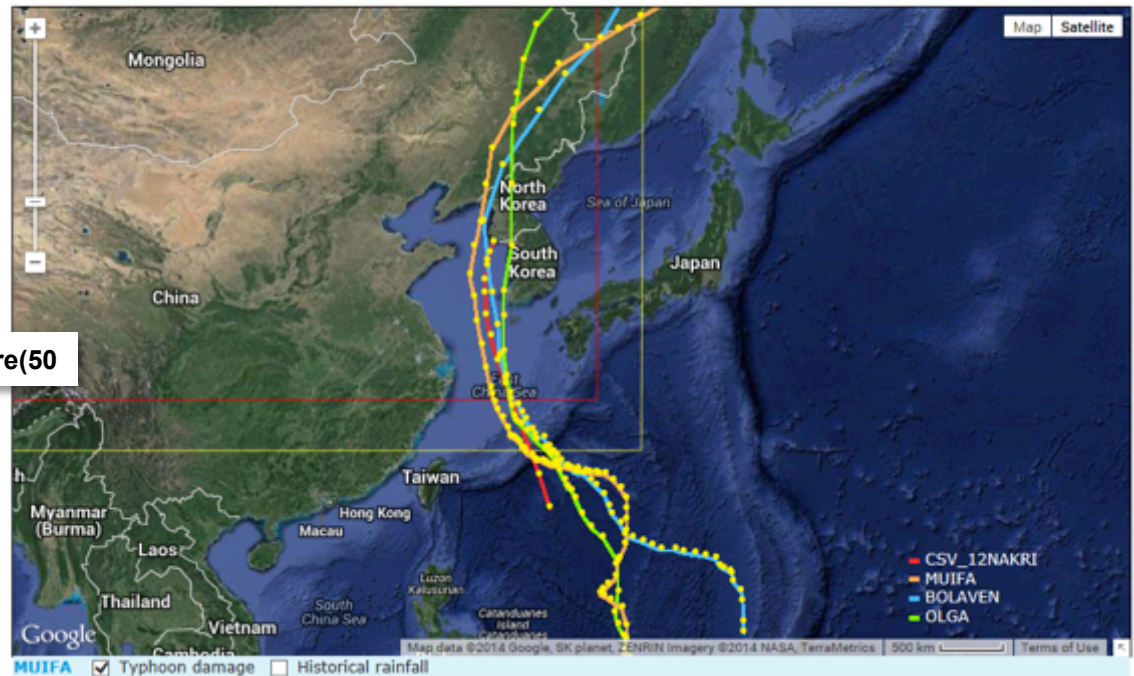
List Similar Typhoon Search Information



ex) Typhoon Track (50%)+ Central Pressure(50%)

### Results

Name (similarity)	Starting Dt.	End Dt.
CSV_12NA RI	20140730	0140805
MUIFA (94.1)	20110727	2011081

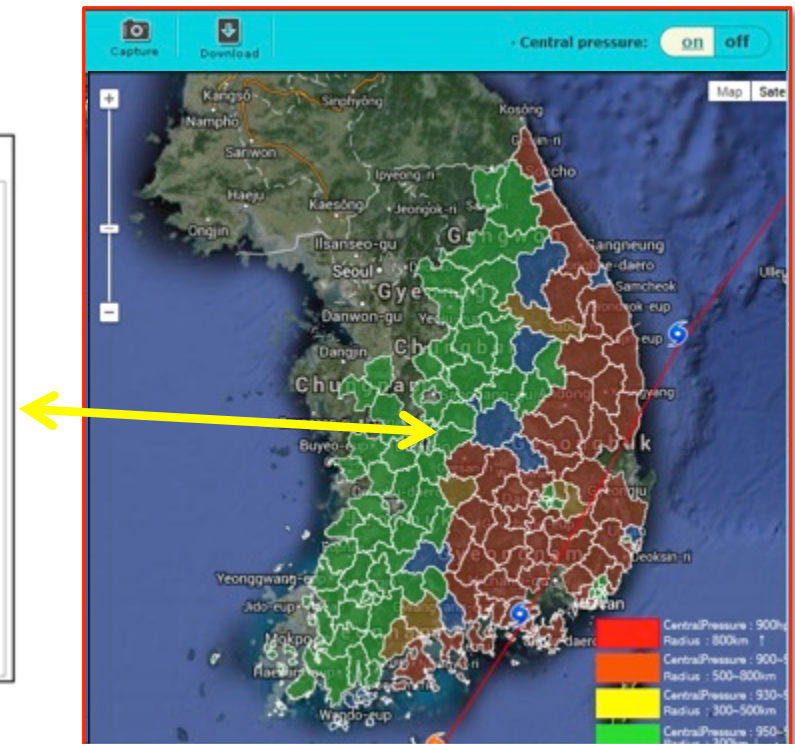
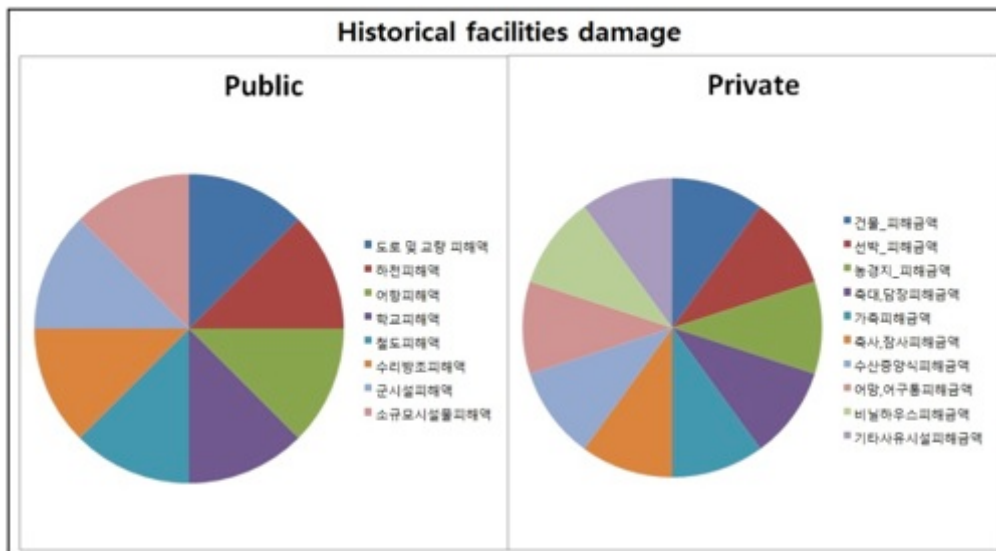


<Upgrade of similar Typhoon search function>

# Review of 2014 AOPs of WGDRR

## AOP 1 Extend the WEB GIS based TCDIS (NDMI)

### ● Typhoon Damages --- Historical Regional Damages



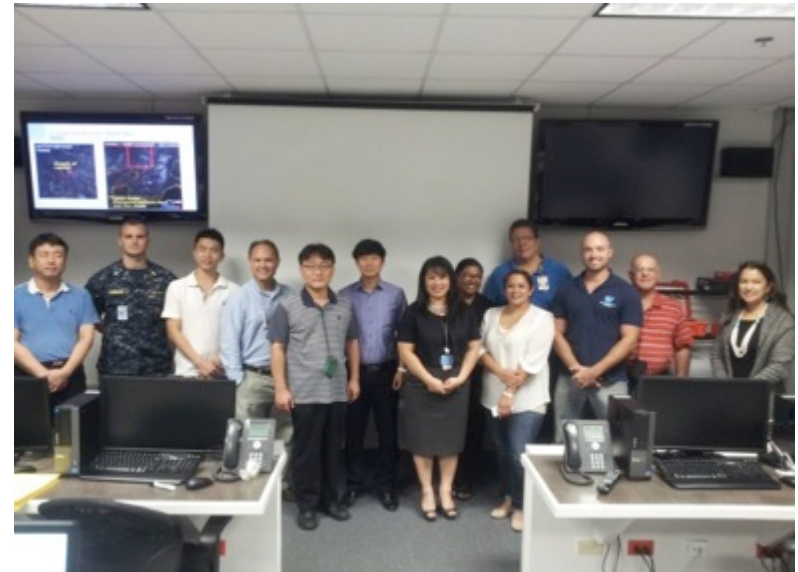
Damages of selected Region



# Review of 2014 AOPs of WGDRR

## **AOP 2** Provide the training program for disaster prevention technologies and policies including WGTCDIS (NDMI)

- **Date/Venue : 2014. 9. 22. – 25. / Department of Homeland Security in Guam**
  - (1) Training on TCDIS (Typhoon Committee Disaster Information System)
  - (2) Urban flood analysis and Korea community safety map
  - (3) Introduction of DSI (Disaster Scientific Investigation) – an example of Typhoon-induced disaster response in 2013
  - (4) Use of radar measurement for rainfall-induced disaster response



<2014 WGDRR Expert Mission in Guam>



**continue to 2015**



# Review of 2014 AOPs of WGDRR

## **AOP 3** Promote the international cooperation research (NDMI)

**2014 Northern Mindanao Project in Philippines by NDMI and PAGASA**♪



**<Rainfall gauge & Automatic Rainfall Warning System>**

# Review of 2014 AOPs of WGDRR

**AOP 3** Promote the international cooperation research (NDMI)

**2014 Northern Mindanao Project in Philippines by NDMI and PAGASA**♪



**<Intelligent CCTV for monitoring flood>**

# Review of 2014 AOPs of WGDRR

## **AOP 3** Promote the international cooperation research (NDMI)

**2014 Northern Mindanao Project in Philippines by NDMI and PAGASA**♪



**<River Survey for Developing Hydrologic Model for Cagayan de Oro River>**



# Review of 2014 AOPs of WGDRR

**AOP 4** Application of SWIdget to member countries (HKO)

## SWIdget

- a widget which allows users **anywhere** on the globe to obtain local severe weather warnings issued **by official** weather services **in real time**



# Review of 2014 AOPs of WGDRR

## **AOP 4** Application of SWidget to member countries (HKO)

- Not much progress in the past year with no new Members subscribing to the SWidget initiative. Current SWidget providers: China (Guangdong); Hong Kong, China; Macao, China; Malaysia; Republic of Korea; Singapore; and USA (Guam).
- HKO continues to encourage Members to join the initiative.
- As warning information dissemination technology and delivery platforms continue to evolve, SWidget will only be one of many available options open for Members and no significant resource input is expected for further SWidget development.

# Review of 2014 AOPs of WGDRR

## **AOP 5** Benefit Evaluation of Typhoon Disaster Prevention and Preparedness Project (CMA)

- **Not attended from China**
- **Will be reported from China by the document**

# Review of 2014 AOPs of WGDRR

**AOP 6** Setting up community weather stations for raising public awareness on climate change and extreme weather (HKO)

- Extended to community weather observing scheme ; well received in public
- Training workshop to Viet Nam and Lao PDR in early November
- Next year training will be continued to **DPR Korea**
- The system will be given to the partner country, and a responsibility of maintenance is under the country

# Review of 2014 AOPs of WGDRR

## **AOP 7** Supporting Synergized Standard Operation Procedure (SSOP) project related to disaster risk management

### □ **Attended on SSOP Working Meeting**

- The mechanism meeting has been successfully conducted in Bangkok, Thailand on 9-10 Oct.

### **TC presentation** by Barrie Lei

- ▶ TCDIS Project
- ▶ Project to provide a training of disaster prevention technologies and policies.
- ▶ International cooperation research
- ▶ Swidget project
- ▶ iCo-Win Project
- ▶ Increase public awareness by making the more understandable information to the public



# Review of 2014 AOPs of WGDRR

## **AOP 7** Supporting Synergized Standard Operation Procedure (SSOP) project related to disaster risk management

- **Summary of the discussions & Recommendations**

- a) **Expert mission**

- TCDIS project's expert mission and exchange can be broadened to PTC as well, support can be requested to ESCAP for potential funding

**Will do with the consideration of the budget for Expert Mission**

- b) **Expansion of iCO-WIN project**

- Piloting of iCO-WIN project in PTC countries can be expanded
    - The information and experience regarding the engaging community for climate and weather could be exchanged

**Under Consideration in HKO**

# Review of 2014 AOPs of WGDRR

## **AOP 7** Supporting Synergized Standard Operation Procedure (SSOP) project related to disaster risk management

- **Summary of the discussions & Recommendations**

### **c) Policy and Strategy Experience sharing and formulation**

- Next integrated Workshop in Malaysia and in next 12 months time
- Scoping SSOP and related policies

**Under Consideration in WGDRR member countries**

### **d) Awareness Materials development**

- Both PTC and TC experiences can be cross shared for example the Community Mobilization Experiences such as Cyclone Preparedness Program experiences and so forth

**Under Consideration in WGDRR member countries**

# Review of 2014 AOPs of WGDRR

## AOP 8 Media response to build the trust with media

### Disaster Reporting Rules

- 15 Korean Journalist Associations(2014. 9. 15) -

1. collecting news within the range where should not interrupt saving a life
2. concentrating on decreasing psychological uncertainty about state of crisis
3. verifying the uncertainties completely and contributing on preventing the spread of wild rumor
4. prohibiting the interview with victims and their family under pressure

# Review of 2014 AOPs of WGDRR

**AOP 8** Media response to build the trust with media

## Disaster Reporting Rules

- 15 Korean Journalist Associations(2014. 9. 15) -

5. refraining from taking close-up pictures
6. prohibiting the report of provocative scene
7. verifying the collected information by the experts
8. refraining from exposure of personal affairs of survivors and casualties



# Review of 2014 AOPs of WGDRR

**AOP 9** Making the information more understandable to the public and make them react

## **Tentative scope of work**

### **1. Formulate outline stories**

Target for three or four shorter videos, plus one overall video. Each short video is around 1 minute in duration.

### **2. Write script**

### **3. Source potentially useful footage and images**

May include but not limited to footage contributed by Typhoon Committee Member States and various sources where deemed appropriate.

### **4. Edit material, to create draft video**

### **5. Add subtitles and voice over**

Default : English version

### **6. Schedule**

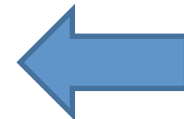
To be completed in 2014 or early 2015.

# Review of 2014 AOPs of WGDRR

**AOP 10** Providing policy message on two events namely AMCDRR in Bangkok on 22-26 June 2014, and Third UN World Conference on Disaster Risk Reduction in 2015

## 3<sup>rd</sup> UN World Conference on Disaster Risk Reduction

- **Time/Venue** : 14-16 March 2015/ Sendai, Japan
- **Objective** : Raise awareness on disaster risk reduction and the building of resilience of nations and community
- **Components of Public Forum**
  - **Public forum events such as seminar, symposium, and workshop (90mins)**
  - Exhibition booth
  - Poster exhibition
- **Organization cost** : **\$400 (Public forum event)**, \$980 (Exhibition booth)
- **Milestones for application**
  - **Deadline for application : 16 Sept 2015 (done)**
  - **Announcement of selected event : 31 Oct 2015**
  - Providing abstract of conference programme : 28 Nov 2015
  - Payment : by 31 Jan 2015



# Review of 2014 AOPs of WGDRR

**AOP 10** Providing policy message on two events namely AMCDRR in Bangkok on 22-26 June 2014, and Third UN World Conference on Disaster Risk Reduction in 2015

- **Status**

- Application of organizing an event submitted in Sept 2014
- Tentative title : Learning Disaster from Past Disasters
- Event will consist of three parts including;
  - 1) Governance in disaster management
  - 2) Disaster Prevention Technologies
  - 3) Lessons from past disasters
- First choice of date : 14 March (2<sup>nd</sup> choice : 16 March)
- Event size : 50 persons



UN World Conference on  
Disaster Risk Reduction  
2015 Sendai Japan

14-18 March 2015  
Sendai, Japan

# Review of 2014 AOPs of WGDRR

**AOP 10** Providing policy message on two events namely AMCDRR in Bangkok on 22-26 June 2014, and Third UN World Conference on Disaster Risk Reduction in 2015

## 3<sup>rd</sup> UN World Conference on **D**isaster **R**isk **R**eduction

### WGDRR Tentative Plan

- **Plan A**
  - - No. of lecturer: 3 lecturers + 2 members in WGDRR
  - - Assumed budget: \$2,130/person \* 5 = \$10,650 (**2days**)
- **Plan B**
  - - No. of lecturer: 3 lecturers + 3 members in WGDRR
  - - Assumed budget: \$2,130/person \* 6 = \$12,780 (**2 days**)

### Remaining matters

- How to select the lecturers/participants?
- Other WGs?





**2015 WGDRR AOPs**

# 2014 WGDRR AOPs → 2015 WGDRR AOPs

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Providing policy message on two events namely AMCDRR and 3rd UN World Conference



# 2015 AOP of WGDRR

Number	Title
AOP1	<b>Extend the WEB GIS based TCDIS (cont.)</b> <ul style="list-style-type: none"> <li>- Collect disaster information from TC Members (cont.)</li> <li>- Expand to member countries</li> </ul> <b>&lt;WGDRR, NDMI&gt;</b>
AOP2	<b>Provide the training program for disaster prevention technologies and policies including WGTCDIS (cont.)</b> <ul style="list-style-type: none"> <li>- TCDIS</li> <li>- Flash Flood Alert System</li> <li>- FARD (Frequency Analysis for Rainfall Data)</li> <li>- Application of Radar for Urban Flood Warning</li> <li>- Soil Erosion Model for Mountainous Area (SEMMA)</li> </ul> <b>&lt;WGDRR, NDMI&gt;</b>
AOP3	<b>Promote the international cooperation research (cont.)</b> <ul style="list-style-type: none"> <li>- Dispatch the experts of Korea and TCS for visiting Philippines to install the Flash Flood Alert System (FFAS) and AWS</li> </ul> <b>&lt;WGDRR, NDMI&gt;</b>
AOP4	<b>Application of SWIedge (Hong Kong) to member countries (cont.)</b> <b>&lt;WGDRR, HKO&gt;</b>

# 2015 AOP of WGDRR

Number	Title
AOP5	<b>Benefit Evaluation of Typhoon Disaster Prevention and Preparedness Project (cont.)</b> <b>&lt;WGDRR, CMA&gt;</b>
AOP6	<b>Setting up community weather stations for raising public awareness on climate change and extreme weather (cont.)</b> <b>&lt;WGDRR, HKO&gt;</b>
AOP7	<b>Supporting Synergized Standard Operation Procedure (SSOP) project related to disaster risk management (cont.)</b> <b>&lt;WGDRR&gt;</b>
AOP8	<b>Providing policy message on the 3rd UN World Conference on Disaster Risk Reduction in 2015 (cont.)</b> <b>&lt;WGDRR&gt;</b>



# 2015 Budget Plan of WGDRR

## Summary of budget of TCTF to support WGDRR activities in 2015

1	Support to attend Integrated Workshop (IWS) and other activities	8,000
2	Community Based Weather Stations Pilot Project <b>(AOP3 2015)</b>	5,000
3	WGDRR Expert Mission <b>(AOP2 2015)</b>	6,000
	Total	19,000

## Special Request Budget of TCTF for WGDRR special activities in 2015

5	3 <sup>rd</sup> UN world conference <b>(AOP8 2015)</b>	12,000
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# WGDRR





WGDRR





# WGDRR





***Thank You!***

