



United Nations Educational, Scientific and Cultural Organization





Public Works Research Institute, National Research and Development Agency, Japan



Report of progress from the other IFI active countries (Sri Lanka, Myanmar, Pakistan)

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#### **ICHARM**

On behalf of IFI Platform participating organizations of Sri Lanka, Myanmar and Pakistan

Side Event "Platform on Water Resilience and Disasters"

June 11, 2018

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1. Progress from the other IFI active countries

- Sri Lanka
- Myanmar
- Pakistan

So many governmental organizations are participating in the Platforms on Water Resilience and Disasters

2. Input to the **major international conferences** in collaboration with the **IFI partners** 

3. Future courses



## **IFI's Progress in the Asian countries**

- <u>Philippine: Reported by Dr. Anthony Cinco Sales, DOST</u>
  - Platform on Water Resilience and Disasters (PLATFORM)
  - Activity: Meeting in March & June, 2017, March & May, 2018
  - Targets: Pampanga River & Davao River
- <u>Sri Lanka</u>
  - Platform on Water Resilience and Disasters
  - Activity: Meeting in August, 2017 and March, 2018
  - Targets: Kalu River, Kelani River & Malvathu River
- <u>Myanmar</u>
  - Platform on Water Resilience and Disasters
  - Activity: Meeting in May and November, 2017
  - Targets: Bago River & Sittaung River
- <u>Pakistan</u>
  - Platform on Water Resilience and Disasters
  - Activity: Meeting in April and December, 2017
  - Targets: Indus River



# Activities on "Platform on Water Resilience and Disasters"

Meetings for establishment of "Platform on Water Resilience and Disaster";

• 1st Plenary Session on August 24, 2017

Post-Disaster Activities after flood and landslide of late May, 2017

• 2nd Plenary Session on March 28, 2018

Group photo at the 1st Plenary Session

Sri Lankan Minister joined at the 2nd Plenary Session







Meeting with Minister of Disaster Management on June 5, 2017



JDR Field Survey at Allagawa on June 7, 2017





Damaged area (Field visit on August 22, 2017)

#### **DIAS-ICHARM: Flood Information Sharing Support in Sri Lanka**



## **Outcomes of the Sessions**

#### **Participating Organizations:**

- Irrigation Department (ID)
- Meteorology Department (MD)
- Survey Department (SD)
- Disaster Management Center (DMC)
- National Building Research Organization (NBRO)
- Ministry of Magapolis and Western Development (MMWD)
- Ministry of Mahaweli Development & Environment (TBD, MMDE)

#### **Target Actions and Coordinating Bodies**

**1. Early Warning**: rainfall, flooding, landslide:

- 2. Adaptation Planning for Global Change:
  - (such as Climate Change, Urbanization)
- **3. Economic Effect of Disasters:**
- 4. Contingency Planning and Mainstreaming DRR: D

#### **Demonstration Sites of Target Actions**

- 1. Kalu River Basin (as rural basin)
- 2. Kelani River Basin (as urban basin)
- 3. Malvathu River Basin (as arid basin)

ID, MD, NBRO

ID, MMDE, MMWDA MMDE, DMC DMC



## Activities on "Platform on Water and Disaster"

### Meetings on "Platform on Water and Disaster";

- May 9, 2017 at Nay Pyi Taw
- November 1, 2017 at Nay Pyi Taw



#### Participated Stakeholders

Myanmar

- DWIR, Ministry of Transport and Communications
- DMH, Ministry of Transport and Communications
- RRD, Ministry of Social Welfare, Relief and Resettlement
- IWUMD, Ministry of Agriculture, Livestock and Irrigation
- Yangon Technological university





- ICHARM
- University of Tokyo
- Japan Water Forum
- JICA

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## Institutional Structure of "Platform on Water and Disaster"



## Field Survey at Sittaung River estuary (October 29 and 30, 2017)



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## Findings from the field survey at Sittaung River



- West river bank has been eroded over 10 km in these 10 years, which has caused the extinction of the riverine village and farmland.
- Rive bed materials in the estuary and river mouth areas are thought to be supplied by the eroded bank materials and wash load from the upper reach.

Grain Size Distribution (Sittaung River, Myanmar)



## Activities for "Platform on Water and Disaster"

A meeting for establishment of "Platform on Water and Disaster";
March 2-3, 2017 at PMD Headquarter, Islamabad



Pakistan

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#### Participated Stakeholders

- PMD : Pakistan <u>Meteorological</u> Department
- PCRWR : Pakistan Council of Research in Water Resources
- GCISC : <u>Global Change</u> Impact Studies Center
- NARC : National <u>Agriculture</u> Research Centre
- NDMA : National Disaster Management Authority
- UNESCO
- ICHARM



### Institutional Structure of "Platform on Water and Disaster"



## Activities (UNESCO Pakistan Project) Indus-IFAS: flood forecasting system based on IFAS/RRI



# **3<sup>rd</sup> Asia-Pacific Water Summit Thematic Session** WATER AND DISASTERS IN THE CONTEXT OF CLIMATE CHANGE

- From the Mountains to the Islands-
- Time & Date: 13:30 17:00, December 11, 2017
- Venue: Yangon, Myanmar
- Co-organizers: ICHARM, ICIMOD, SPC, HELP
- Session Framework:
  - Part 1: Keynote Speeches by High-Level Leaders (3 speakers)
  - Part 2: Country Presentations (10 presenters from 7 countries)
  - Part 3: Panel Discussion (5 panelists)
- Highlights:
- Vice President of Myanmar stressed the importance of IFI Platform activities at the Plenary Opening Speech
- All the DGs/DDG of the Platform participating organizations of Myanmar (DMH, IWUMD, DWIR, RRD) made the presentations of the presentation of the presenta
- Contribution and input to the Yangon Declaration





Keynote Speech by H. E. Dr. Jose Ramos-Horta, Senior Minister of the Democratic Republic of Timor-Leste

Prof. Koike, Director, ICHARM, the co-chair, and the panelists of Part 3

Presentation by Mr. Wasantha Bandara Palugaswewa, Irrigation Department, Sri Lanka



All the DGs/DDG of the Platform participating governmental organizations of Myanmar (DMH, IWUMD, DWIR, RRD) made the country presentations 16

# 8th World Water Forum – Contribution in terms of Water and Disasters –

Date: March 19 - 23, 2018 Venue: Brasilia, Brazil

#### 1) Launch of Alliance of Alliances on DRR researchers

- A global action "Alliance of Alliances on DRR researchers" has been launched at the Special Session "Water and disasters"
- 2) Contribution to the Thematic Session of Asia-Pacific Regional Process
- Presentation on the progress of IFI and Platforms on Water Resilience and Disasters at the Thematic Session "Climate change, disasters and water related adaptation in the Asia Pacific region"
- Participation at the panel discussion and input to the synthesis session report at the Synthesis Session "Upscale Innovation for a Water-Secure Asia and the Pacific"





# **Future Courses**

#### **1. Further progress in the Asian countries**

- Sri Lanka
  - Continuous support in 2018 flood season
  - Developing collaboration with IFI partner organizations
  - Planning to organize the 3rd Plenary session in late 2018
- Myanmar
  - Continue field survey in the Sittaung river
  - Planning to organize the meeting in 2018
- Pakistan
  - Completion of UNESCO Pakistan Project in September 2018

#### 2. Input to the major international conferences

- WMO: Global Conference @Geneva, May 2018
- UNESCO-IHP: Side event at the Intergovernmental Council @Paris, June 2018
- High Level Political Forum @ New York, July 2018
- AP Regional Meeting of UNESCO National Commissions @Gyeongju, September 2018
- ADB: Asia Water Forum 2018 @Manila, October 2018
- GEO AP Symposium and XV Plenary @Kyoto, Oct.-Nov. 2018
- and others



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now here

# Thank you very much for your kind attentions





URL: <u>http://www.icharm.pwri.go.jp/index.html</u> <u>http://www.ifi-home.info/</u> E-mail: <u>te-ikeda@pwri.go.jp</u>

