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<th>Year</th>
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<td>2005</td>
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<td>2006</td>
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<td>2013</td>
<td>Asia-Africa Water Cycle Symposium</td>
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Symp.: Symposium  
TTM: Task Team Meeting  
ICG: International Coordination Group  
CCAAT: Climate Change Assessment and Adaptation Training
International Symposium on Integrated Actions for Global Water and Environmental Sustainability

In line with the Commemoration of the 70th Anniversary of UNESCO

21-22 October 2015, Medan, Indonesia

International Flood Initiative (IFI) and International Drought Initiative Initiative (IDI)
Second UN Special Thematic Session on Water and Disasters

9:30-17:50
Wednesday, November 18, 2015
The UN Headquarters, New York

Organizers
UN Secretary-General
co-organized by
UN Secretary-Generals’ Special Envoy on Disaster Risk Reduction and Water and High-level Experts and Leaders Panel on Water and Disasters (HELP)

Science and Technology to Advance DRR on Water
Asia Water Cycle Symposium (AWCS2016)
1-2 March 2016, Tokyo, Japan

161 participants from 20 countries and 4 UN organizations
Data & Statistics

- Promoting data collection, storage, sharing, and statistics
- Integrating local data, satellite observations and model outputs

Risk Assessment

- Developing integrated disaster risk assessment
- Identifying locality and commonality

Risk Change Identification

- Monitoring and predicting changes in disaster risk
- Identifying locality and commonality

Support in Sound Policy-making

- Analyzing and formulating policies
- Visualizing values of preparedness and investment efficiency

Support in Community of Practice

- Improving disaster literacy
- Promoting co-design and co-implementation among stakeholders

- Identifying locality and commonality

- Monitoring and predicting changes in disaster risk
- Identifying locality and commonality
Spiral-up Development
Demonstration ➔ Prototyping ➔ Operation

Regional coordination framework
• Commonality & Priority
• Sharing knowledge, best practices
• Strengthening capability of observations, assessments and management
• Establishing a forum for promoting dialogue at all levels

National coordination framework
• Locality
• Institutional arrangements
• Observations & data integration
• Natural & Socio-economic collaboration
• Communities of Practice
HELP-IFI Jakarta Statement (draft Oct.31, 2016)
-Towards an interdisciplinary and transdisciplinary partnership to consolidate flood risk reduction and sustainable development -

1. Present Status
   • increasing losses
   • human factors + climate change
   • globalized and interconnected 21C
   • gap between science and society
   • lack of effective inter-agency coordination

2. Key Directions
   • Sendai+SDGs+Paris
   • budgetary imitations and capabilities
   • spiral-up approach
   • interdisciplinary and transdisciplinary
   • quantifying and minimizing the uncertainty
     • data
     • assessment
     • change identification
     • awareness
     • preventive investment
     • response-recovery

3. Actions
   Each country:
   • platform on water and disaster (<national platform)
   IFI Partners:
   • assist the platform
   Donors:
   • incremental support

Asia and Pacific ➔ World
WG1: Asian Water Cycle Initiative (AWCI)
Program Overview 1

• 65 participants from more than 10 countries and 4 International/regional organizations
• Keynote by Prof. Yoshino from ADBI, “Economic Impact of Water Infrastructure: Proposal of Evaluation”
• GEO-Water under Three Key Global Agendas in 2015
GEO-Water under Three Key Global Agendas in 2015

Understanding  Governance  Investment  Implementation

March 2015  Sendai Framework on Disaster Risk Reduction

September 2015  Sustainable Development Goals

December 2015  Paris Agreement (COP 21)

Concerted Action is Required

- Reducing Current Risk
- Preventing Future Risk
- Adaptation & Recovery

Building Resilience

Sustainable Development
Program Overview 2

• Observation, Data Integration and Information Dissemination (UNESCO, JAXA, CAS, Kyoto U, DIAS, ICHARM)

• Flood and Drought (IFI, IDI, UNESCAP, G-WADI)

• National Status Reports (Malaysia, Myanmar, Pakistan, Philippines, Sri Lanka)

• Donor’s Voice (WB)

• Discussion
  1) Needs, Issues and Benefits
  2) Linkage to Regional and Global Coordination Framework
  3) Capacity Building
  4) Planning Strategy
Holistic, Evident-based, Quality, Quantity

Water is Key

Dialogue → Platform

Integration
- Observations
- Data
- Models

Summary of Discussion

1) Needs, Issues and Benefits
   - SDG: Goals No. 6 on water is linked to other goals such as No. 2,11 and
   - Flood and drought are co-exist
   - Potential private sectors involvement and PPP scheme in water-related DRR
   - Combination of Non-structural and structural measures

2) Linkage to Regional and Global Coordination Framework
   - Multi-agencies and Inter-regional collaboration
   - HLPW and UN International Decade Water for Sustainable development 2018-2028
   - Opportunities and Challenges for Collaboration (Donor Voice)
   - How to achieve actual result: Identify milestones, resources and deliverables clearly

3) Capacity Building
   - Identify needs of institutional and human capacity development knowledge products and Trainings
   - Regular meetings of national representatives

4) Planning Strategy
   - Introducing examples of framework and prototypes
   - Multi-stakeholder platform and stakeholder participation in decision making process
WG1 Input to the Tokyo Statement 2017

The AWCI will take advantage of existing initiatives and programs to improve understanding, strengthen governance, inform investment and support implementation for reducing water-related disaster and environmental risks.

AWCI will establish and strengthen national platforms and identify milestones, resources and deliverables clearly, to reconcile the relations between disaster risk reduction, sustainable development and climate change adaptation.

Inter-linkages are key to develop holistic, evidence-based, quantitative and qualitative information for addressing flood and landslide, drought and water scarcity, and water environmental degradation.