

Side Event on “Platform on Water Resilience and Disasters”  
UNESCO-IHP Intergovernmental Council Meeting, 11 June 2018  
Room IX, UNESCO Headquarters, 1 rue Miollis, 75015 Paris, France

# Platform on Water Resilience and Disasters

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**Director, International Centre for Water Hazard and Risk Management (ICHARM)**

Professor Emeritus, the University of Tokyo (UTokyo)

Council Member, Science Council of Japan (SCJ), Cabinet Office

Chair, River Council of Japan



## International Flood Initiative (IFI)

International Flood Initiative (IFI) is a joint initiative in collaboration with **UNESCO (IHP), WMO, UNISDR, UNU, IAHS** and **IAHR**.

ICHARM is the secretariat of IFI.

*In Close Collaboration with:*



IFI Side Event at the UNESCO IHP IC  
New Strategy for International Flood Initiative (IFI)  
Jun. 2016, Paris



IFI Side Event at the HELP 8th Meeting  
Jakarta Statement: Strategic Implementation Plan  
Oct. 2016, Jakarta



9th GEOSS Asia-Pacific Symposium  
Implementation Plans in Asia  
Jan. 2017, Tokyo



Third UN Special Thematic Session on Water and Disasters  
Jul. 2017, The UN Headquarters, New York



"Water and Disasters in the Context of Climate Change  
- from the Mountains to the Islands"  
3rd Asia-Pacific Water Summit, Dec. 2017, Yangon



Special Session "High-level panel: Water and Disasters"  
8th World Water Forum, Mar. 2018, Brazilia



# Activities in Asia-Pacific Region

## • Pakistan

- **Platform on Water Resilience and Disasters**
- Activity: Meeting among related stakeholders in **Apr. and Dec. 2017**
- Initial Target(s): **Indus River**

## • Myanmar

- **Platform on Water Resilience and Disasters**
- Activity: Meeting among related stakeholders in **May and Nov. 2017**
- Initial Target(s): **Bago River & Sittaung River**

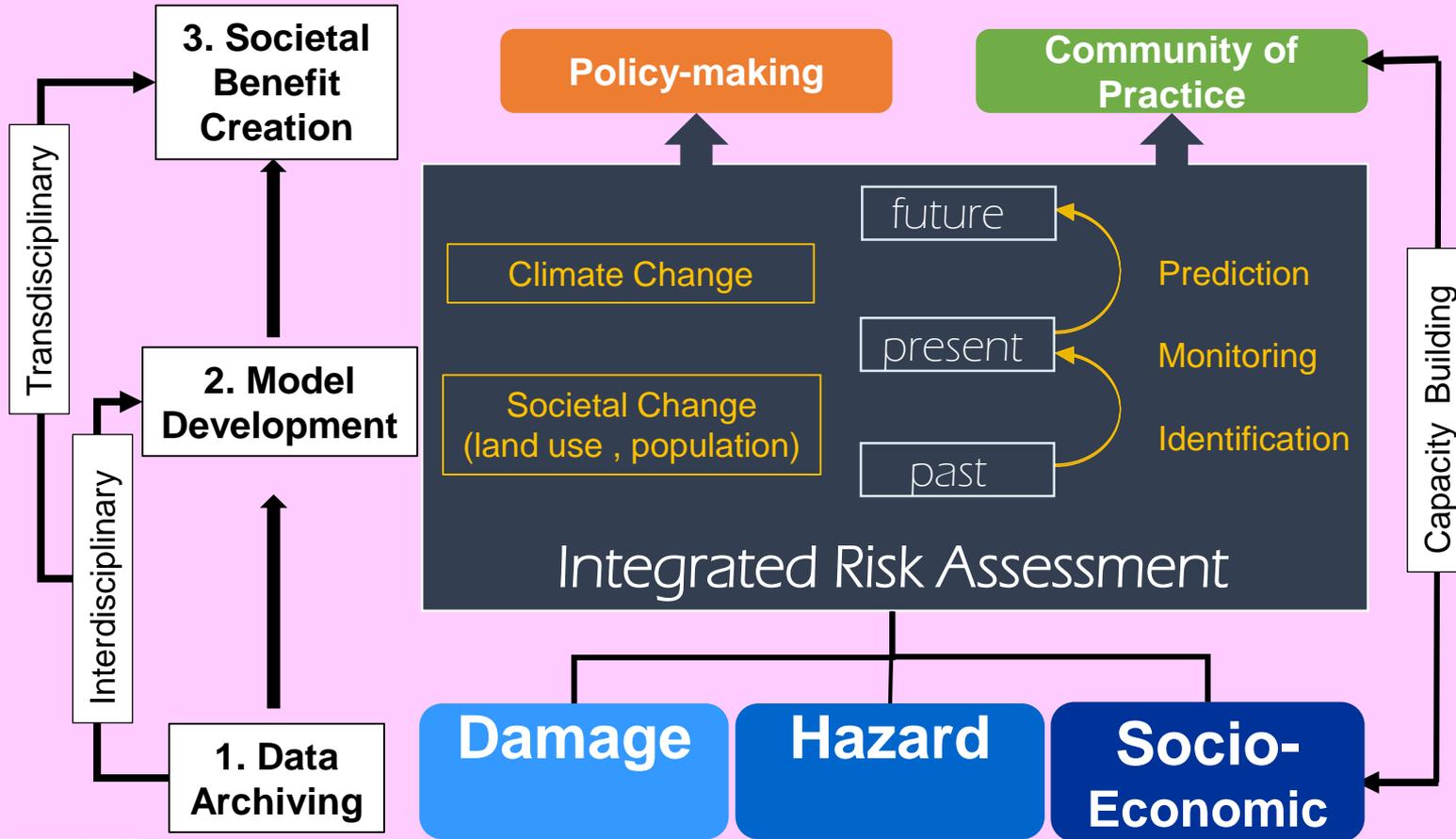
## • Philippines

- **Platform on Water Resilience and Disasters**
- Activity: Meeting among related stakeholders  
in **Mar. and Jun. 2017, Mar. and May 2018**
- Initial Target(s): **Pampanga River & Davao River**

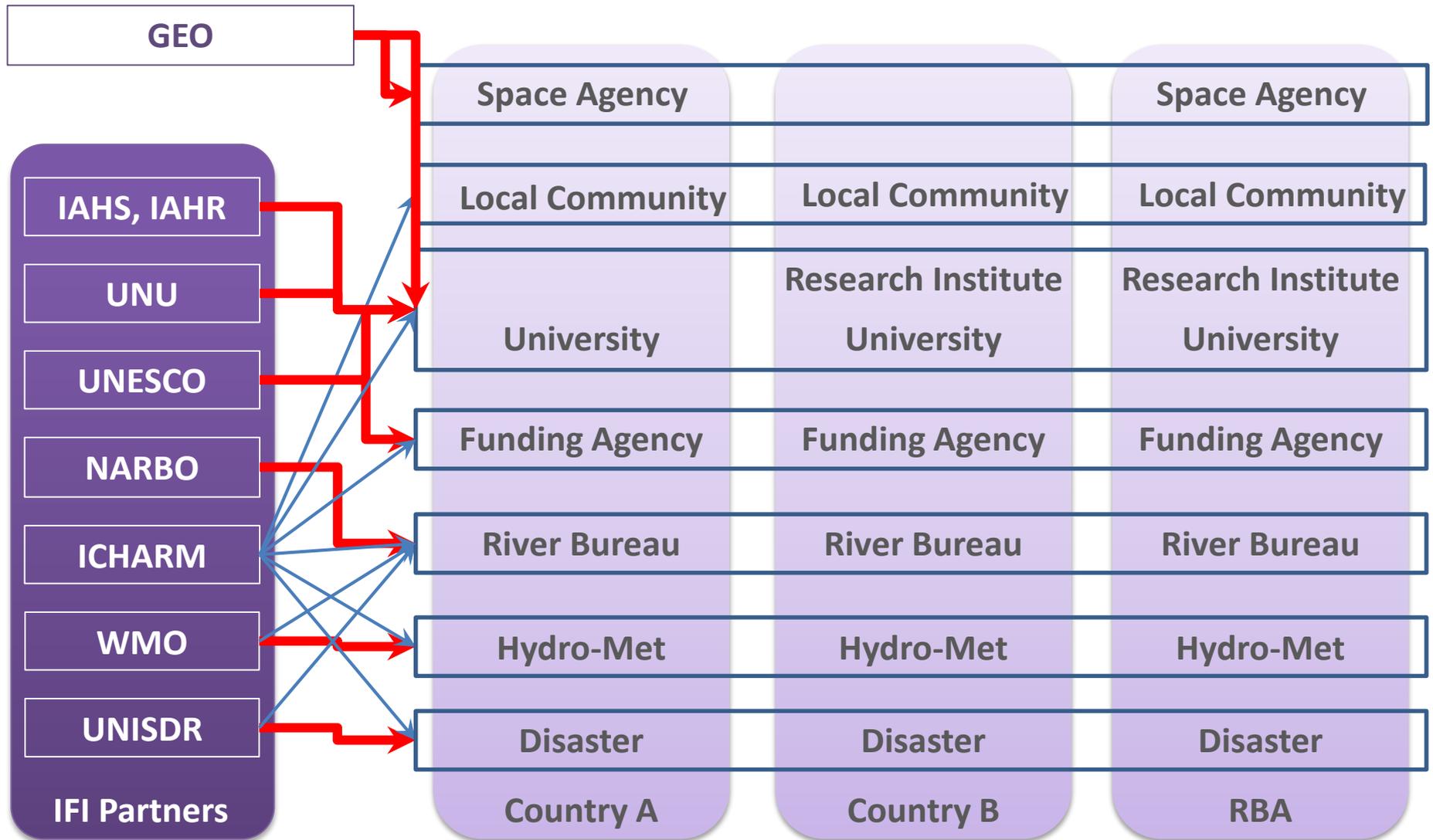
## • Sri Lanka

- **Platform on Water Resilience and Disasters**
- Activity: Meeting among related stakeholders in **Aug. 2017 and Mar. 2018**
- Initial Target(s): **Kalu River, Kelani River, Malvaththu-Oya River**

# Platform on Water Resilience and Disasters



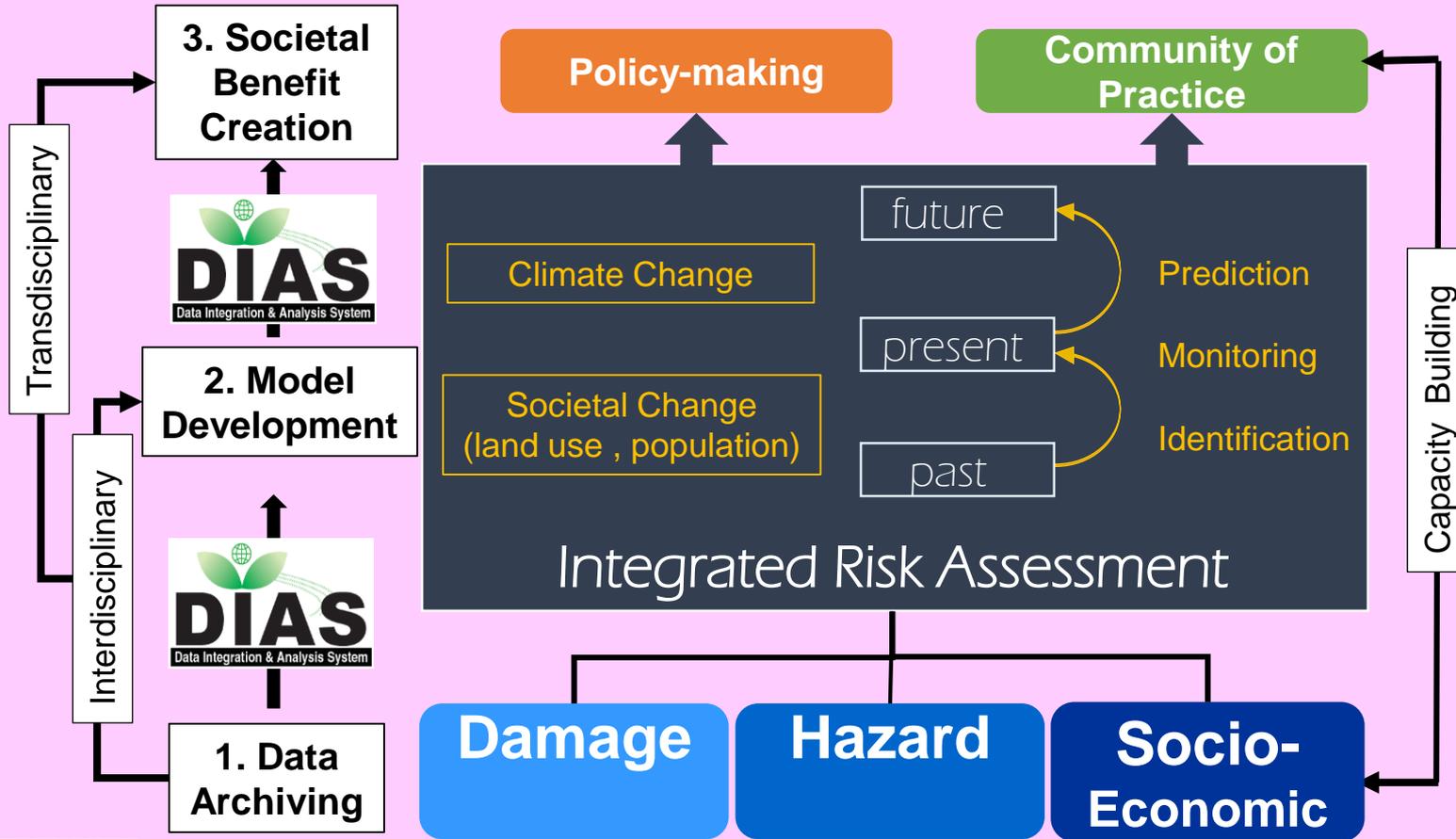
# Water-related Disasters



Main support: 

Sub-support: 

# Platform on Water Resilience and Disasters





# HLPW Panel members (as of 3/21/2016)



Kevin Rutte  
*Prime Minister, Netherlands*



János Áder  
*President, Hungary*



Emomalii Rahmonov  
*President, Tajikistan*

*Special Advisors to the Panel*



Dr. Han Seung-soo  
*Former prime Minister, South Korea*



Manuel Pulgar-Vidal  
*Minister, Peru*



Macky Sall  
*President, Senegal*



Enrique Peña Nieto  
*President, Mexico*



Ameenah Gurib-Fakim  
*President, Mauritius*



Jacob Zuma  
*President, South Africa*



Abdullah Ensour  
*Prime Minister, Jordan*



Sheikh Hasina  
*Prime Minister, Bangladesh*



Malcolm Turnbull  
*Prime Minister, Australia*

*Co-chairs*

*Co-convened by:*



Ban Ki-moon  
*Secretary General, United Nations*



UNITED NATIONS



WORLD BANK GROUP



Jim Yong Kim  
*President, World Bank Group*

# Making Every Drop Count

a collaborative framework with existing alliances by linking efforts in research and education across national boundaries and disciplines.

## An Agenda for Water Action

- communications role
- analytical role
- catalytic role
- supportive role

HIGH-LEVEL PANEL ON WATER  
OUTCOME DOCUMENT

14 March 2018

## 5. The Way Forward

National action is the essential ingredient for making the changes required to implement the water-related Sustainable Development Goals. Our recommendations are therefore primarily aimed at national political leaders and opinion leaders, in public and private sectors, who can determine and influence policy. Panel members' countries will actively promote the recommendations of the Panel in appropriate forums and engagements with other countries.

The urgently required change will be complex, multi-faceted and challenging, and often controversial, and require cooperation from all stakeholders. We call on all national leaders to initiate and guide a national water reform process and for others in leadership roles to support these efforts.

National action will also benefit from international cooperation. Trans-boundary and regional cooperation, as described earlier in this report, is vital for the 40% of the people of the world living in river basins which cross national borders<sup>1</sup>.

We have identified a number of priority themes which are especially ripe for international cooperation, so that we share and learn lessons, and help countries to adopt and implement best practice. With this in mind, and without prejudice to the many other important and valuable initiatives underway, we highlight the following ongoing initiatives as being especially valuable to states and stakeholders seeking to implement our recommendations:

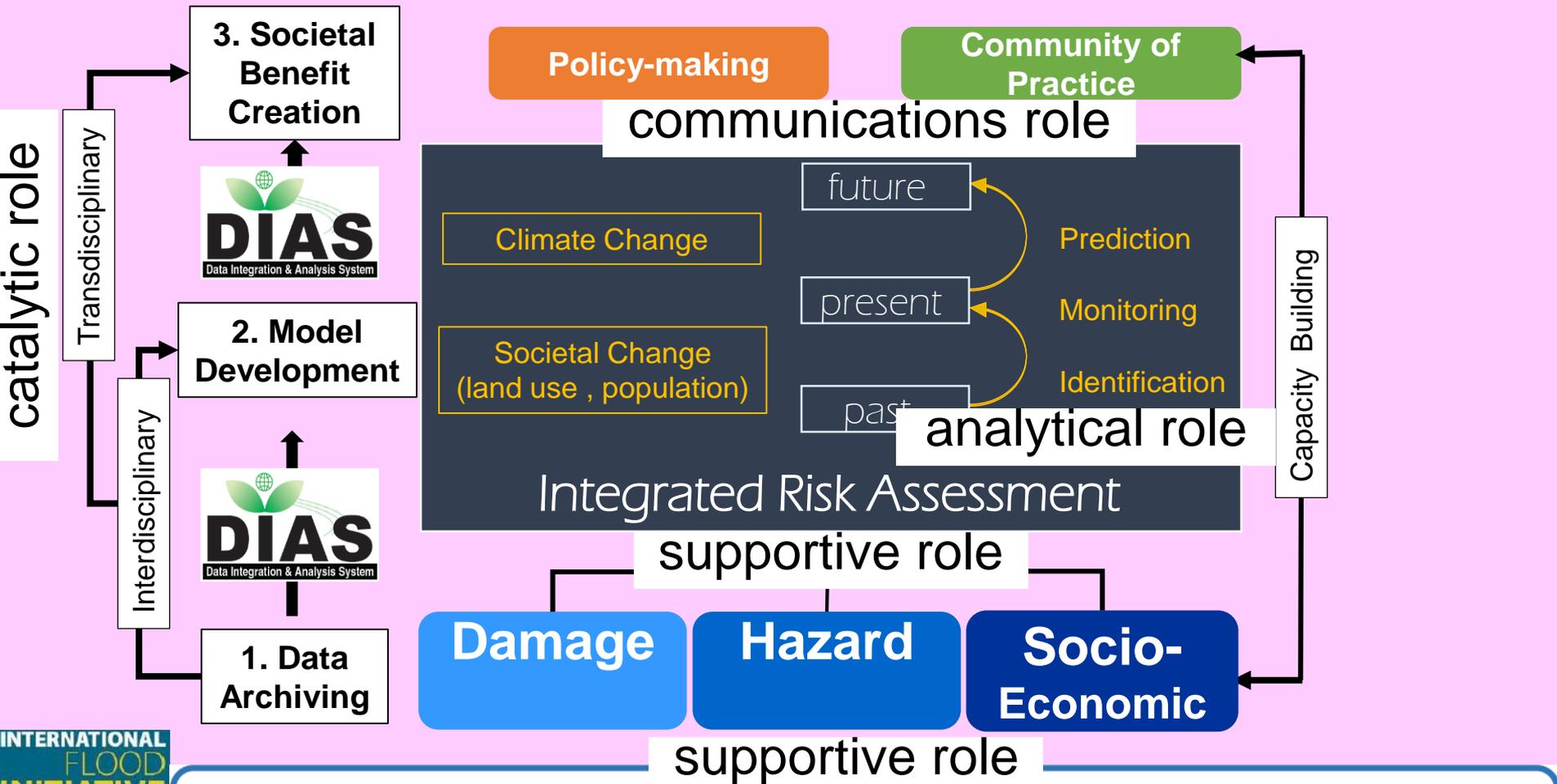
- World Water Data Initiative<sup>2</sup>
- The OECD Water Governance Initiative<sup>3</sup>
- The Delta Coalition<sup>4</sup>
- HELP, including an Alliance of Alliances on disaster risk reduction researches<sup>5</sup>
- The initiative on Financing Water Infrastructure convened by the OECD<sup>6</sup>
- Water Innovation Engine<sup>7</sup>

In addition, we encourage the launch of new cooperative initiatives in areas of critical importance to the new water agenda, such as:

- A global leadership coalition on valuing water
- A water scarcity initiative, and
- An Africa water investment program.

# Platform on Water Resilience and Disasters

## Alliance of Alliances



# Making Every Drop Count



## An Agenda for Water Action



HIGH-LEVEL PANEL ON WATER  
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**WATER DATA**



**VALUING WATER**



**WATER GOVERNANCE**

# HEADLINE RECOMMENDATION

Shift focus of disaster management from response to preparedness and resilience.

## DETAILED RECOMMENDATIONS

- ◆ Political leadership is needed to raise awareness, strengthen science (that includes a gender perspective), policy and planning, upgrade education, and mobilize financing.
- ◆ The HLPW Action Plan should be utilized as useful guidance and a connector for advancing the actions towards achieving the Agenda 2030 (SDGs and Paris climate agreements and Sendai Framework) in an integrated manner. Platforms on Water Resilience and Disasters among all stakeholders should be formulated in countries to facilitate dialogue and scale up community-based practices.
- ◆ Disaster risk prevention and resilience should be integrated in long-term planning.
- ◆ Financing for and investment in water-related DRR and resilience should be doubled within the next five years. “Principles on Investment and Financing for Water-related DRR” should be used to make effective use of this increased investment and could help increasing investments in countries.
- ◆ Global research networks, global disaster database, integrated scientific tools for assessing risks, and a global platform integrating science and policy including higher education should be developed and put into support of countries.
- ◆ Special Thematic Sessions on Water and Disasters should be organized biennially in the UN General Assembly to raise global awareness.

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# Platform on Water Resilience and Disasters

National Graduate Research Institute for Policy Study (GRIPS)

GRIPS: Science, Technology and Innovation Policy Program

GRIPS: Disaster Management Program

Higher Education

3. Societal Benefit Creation

Policy-making

Community of Practice

PhD Course

Transdisciplinary

2. Model Development

Climate Change

future

Prediction

Master Course

Interdisciplinary

Societal Change (land use, population)

present

Monitoring

Identification

High-Level Practitioner

1. Data Archiving

Damage

Hazard

Socio-Economic

Short Course

Capacity Building

Integrated Risk Assessment

Upgrading Education

ICHARM



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## Thank you for your Attention.



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