

The Third Asia International Water Week (3rd AIWW)

“Enhancing Our Future Water Security”

Presented by

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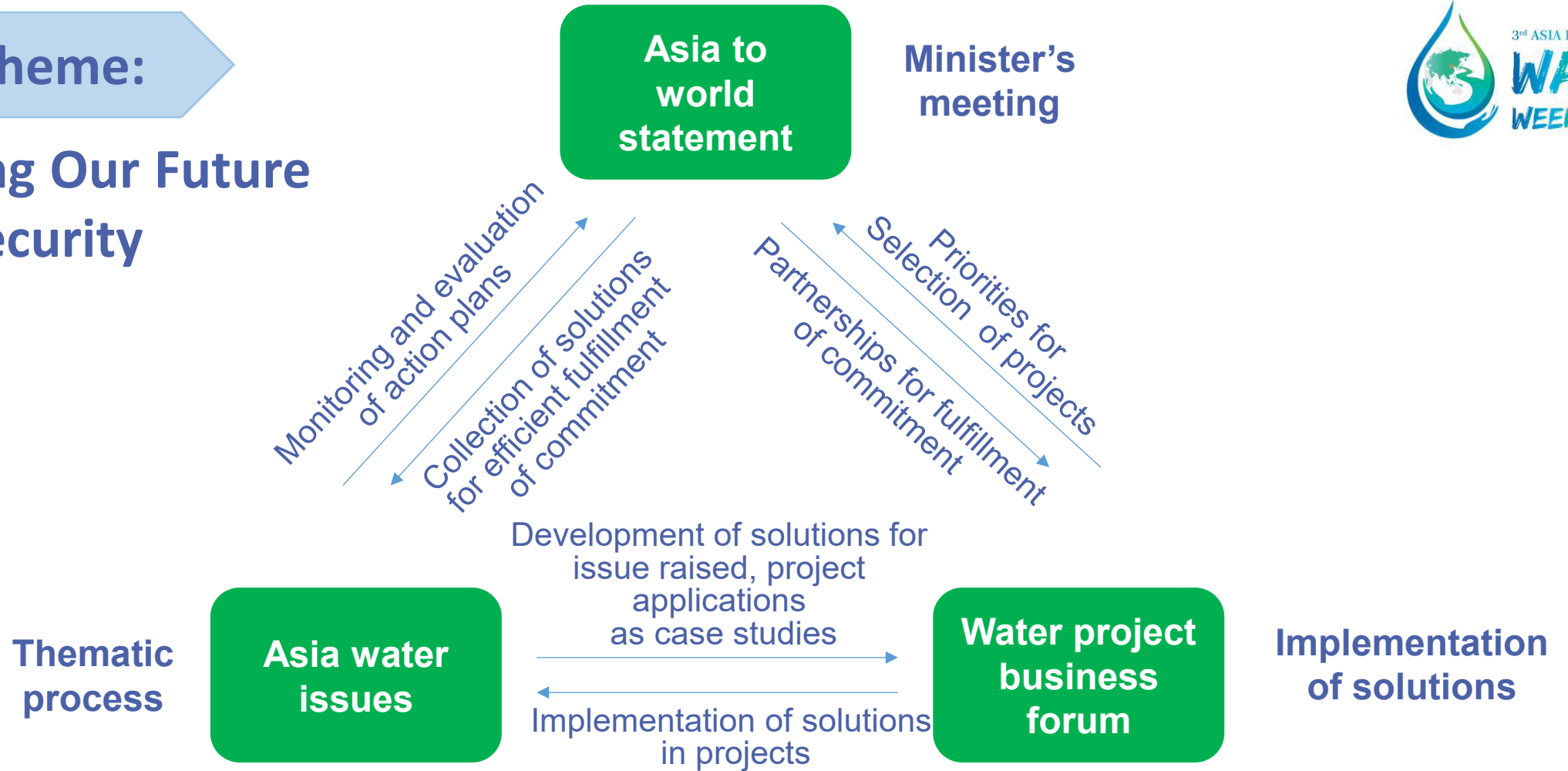
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Main Theme:

Enhancing Our Future Water Security



Thematic Framework



1 Theme

Enhancing Our Future Water Security

Climate change
Lingering impact of pandemic
Water-related disasters
Growing fragility of global economy

6 Sub-themes

Water Disaster and Climate Change

Water for Shared Prosperity

Water for Food Security

Water and Watershed Ecosystem

Sustainable Hydropower Development

AI for Water Management

4 topics

4 topics

4 topics

4 topics

4 topics

4 topics

24 Topics

Capacity Building
International Cooperation
Financing
Education and Training
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The draft sub-themes and topics

The 3rd Asia International Water Week



The discussion of the sub-themes and topics



Roundtable discussion of the sub-topic about the sub-themes and topics during the 4th AWC General Assembly meeting.

Thematic Framework



1 Theme

Enhancing Our Future Water Security

Climate change
Lingering impact of pandemic
Water-related disasters
Growing fragility of global economy

6 Sub-themes

Innovative Technologies and Policies

AI for Water Management

Water Disasters and Climate Change

Water for Food Security

Water and Watershed Ecosystem

Sustainable Water Resources D&M

27 Topics

5 topics

4 topics

6 topics

4 topics

4 topics

4 topics

Capacity Building
International Cooperation
Financing
Education and Training
.....

Suggested Sub-theme and Topics

Division	Suggested Sub-theme and Topic
1. Strategy & Policy	Innovative Technologies and Policies <ol style="list-style-type: none">1) Multiple use of Water supply for the efficient water management (Case study of Pakistan and Vietnam)2) Increase public awareness to the value of water3) Republication of drinking water supply (comparison of various modalities)4) Water reuse and water saving policies and mechanisms to promote and facilitate5) Innovative technologies to improve the efficiency of water management
2. IWRM/SWM	AI for Water Management <ol style="list-style-type: none">1) Multi-source observation and perception of water systems2) Water knowledge, dissemination and innovation3) Application of big data and AI in water management4) Management and operation of water systems
3. Climate Change	Water Disasters and Climate Change <ol style="list-style-type: none">1) Defense against catchment extreme flood disaster under the influence of climate change2) Integration of structural and non-structural measures in flash flood prevention3) Urban flooding and emergency measures in extreme rainfall events4) Monitoring, forecast, early warning and contingency measures for drought disaster in large river basin under the influence of climate change5) Utilization of alternative water resources in coping with water shortages6) Nature based solutions in climate change adaptations

Suggested Sub-theme and Topics

Division	Suggested Sub-theme and Topic
4. Water-Energy-Food Nexus	Water for Food Security
	1) Agricultural water management adapted to climate change
	2) Improving irrigation efficiency for food production
	3) Emerging technologies for WEF nexus
	4) Governance for WEF nexus
5. Water for ecosystem	Water and Watershed Ecosystem
	1) River ethics: a river life and river Values
	2) Sustainable underground water management
	3) Freshwater biodiversity restoration: Natural-based solutions (NBS)
	4) Environment flows : the changes for multiple projection targets
6. Knowledge base and Dissemination	Sustainable Water Resources Development and Management
	1) Water knowledges & Technologies
	2) Dissemination of good practices
	3) Water accessibility and viability
	4) Sustainable water projects and the UN 2023 SDGs

Warmly welcome to be the potential organizer



中国水利水电科学研究院
China Institute of Water Resources and Hydropower Research

Welcome to
China in
2024!

