



Side Event:
*Water-Energy-Food Nexus for
Sustainable Development*

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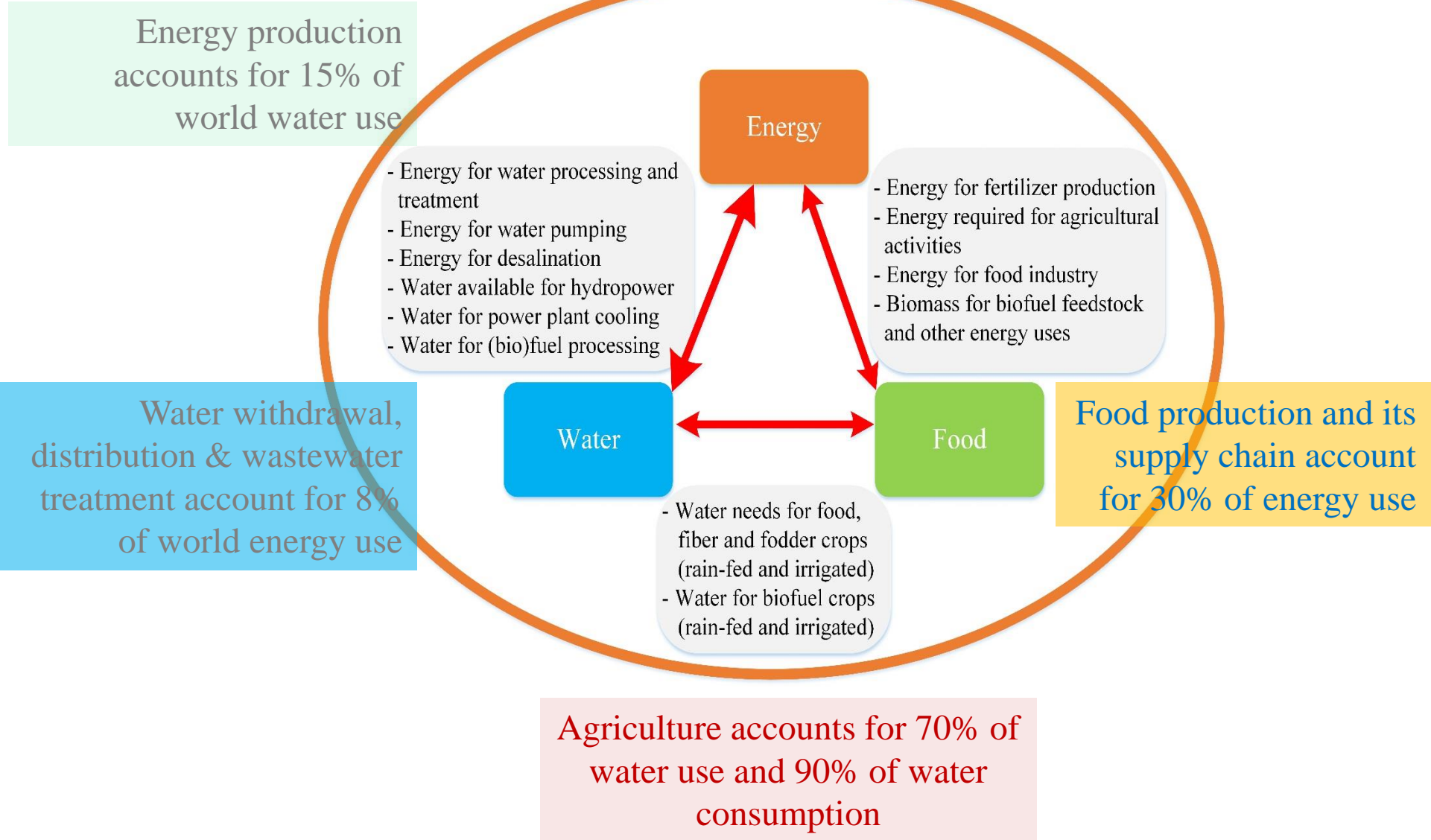
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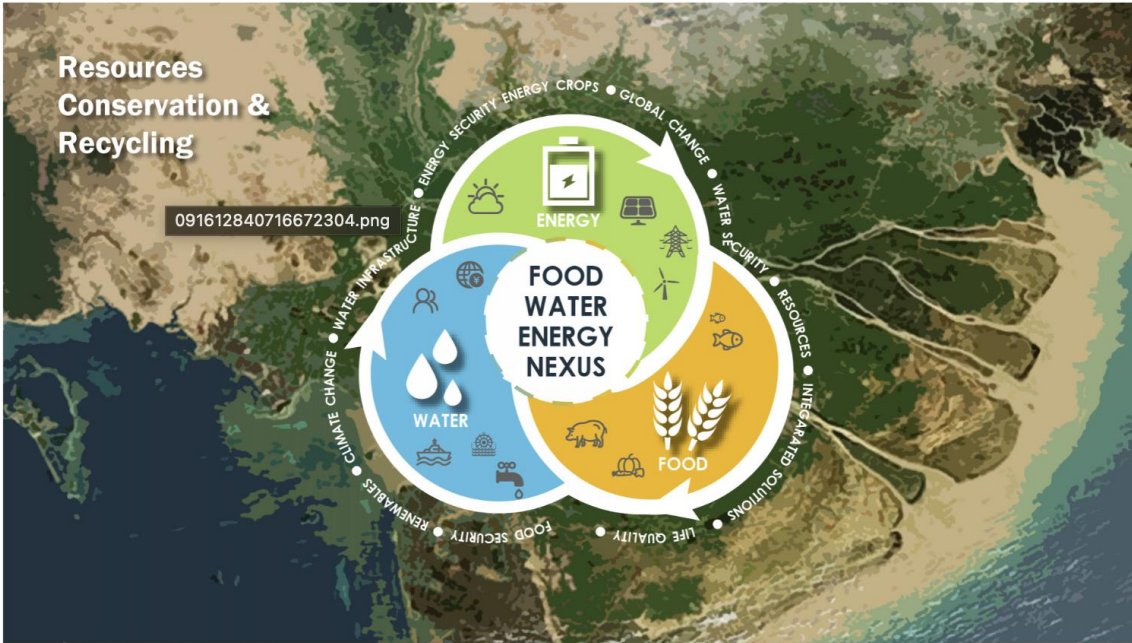


WORLD SCIENCE FORUM
BUDAPEST

Climate and Land Use Change



The Background of this Side Event



- The interdependence of water, energy, and food is pivotal to sustainable development
- As climate change intensifies, challenges such as **uneven water distribution**, **fluctuating energy demands**, and **unstable agricultural production** are becoming more prominent

Exploring profound impacts of climate change on the water-food-energy nexus is essential for achieving long-term sustainability

Topics of Side Event

Focus on the following topics:

- Earth observations and advanced technologies for water and energy efficiency
- Sustainable agricultural practices conserving water and increasing food security
- Opportunities and challenges for reducing environmental footprints

FOR



A

**Sharing knowledge of
water-energy-food
nexus**

B

**Promoting actionable
strategies and cross-
sector partnerships**

C

**Advancing the United
Nations Sustainable
Development Goals**

Side Event Speakers



Eddy Moors
Rector
IHE Delft Institute for
Water Education
The Netherlands



Toshio Koike
Executive Director,
International Centre for Water
Hazard and Risk Management,
Public Works Research Institute
Japan



Junguo Liu (Moderator)
President
North China University of
Water Resources and
Electric Power
China

Side Event

1. Introduction (~5 minutes)

2. Presentations (~1 hour)

- Each of the three speakers will have about 20 minutes to present.

3. Discussion (~20 minutes)

- Focusing on exploring institutional collaborations among NCWU, IHE Delft, ICHARM, HUN-REN and potentially others.
- The discussion will include reactions to the presentations, questions among the panelists, and space for new ideas.
- The session will end with audience Q&A, moderated by the panel, followed by brief closing remarks from each speaker and a summary of key points.

4. Signing Ceremony

- Eddy Moors and Junguo Liu will sign **MoU** on behalf of **IHE Delft and NCWU**

Special Issue in NEXUS



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Thank you!

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