

This is not an ADB material. The views expressed in this document are the views of the author/s and/or their organizations and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy and/or completeness of the material's contents, and accepts no responsibility for any direct or indirect consequence of their use or reliance, whether wholly or partially. Please feel free to contact the authors directly should you have queries.



# WEF Nexus, Water Accounting & IWRM

Jonathan Lautze, IWMI

16 February 2021

Innovative water solutions for sustainable development

Food · Climate · Growth



# Aims

- Focus on innovative approaches and tools that advance water security and climate resilience
  - Practical tools and examples
- WEF Nexus for water security & resilience
  - *WEF Nexus*- a framework for analysing the dynamic interactions between water, energy and food systems
  - *Water accounting (WA) to enhance productivity*- process of capturing and communicating water use in different sectors
  - *IWRM*- process to promote the coordinated development and management of water to maximize benefits across uses

# Program / Structure

- Applying the WEF nexus in CA to produce results (Kakhramon Djumaboev)
  - Directly addressing an inefficiency: Lift irrigation in the Amu Darya
- Using water accounting to generate options for more productive use in East Africa (Lisa-Maria Rebelo)
  - Understanding how an infrastructure investment will alter water use/availability in WEF sectors so that alterations are comprehensively managed
- Fostering adoption of model IWRM platforms for stakeholder engagement (Luna Bharati)
  - Incorporating stakeholders into scenarios to support WEF planning in Western Nepal
- Discussion/Q&A
- Synthesis and Close

# Criteria for Robust WEF

- Packaging WEF results with WA, HEM & IWRM might reflect a strong nexus approach
- As ADB looks to measure WEF nexus in projects, are these the sorts of features that would reflect positives?

