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Asia Water Forum 2022
8–11 August 2022 • Online

Focus Area: S3C: (Closed Door Meeting)

Session Title: The Path Toward the Asian Water Development Outlook 2025

Schedule: Monday 8 August 2022 | 1:30pm to 3:00pm

Summary of Partner Reflections and Lessons for Future from AWDO2020

Geoff Wilson (ADB)



ADB



Asia Water Development Outlook (AWDO)

AWDO is a communication tool to engage with ADB stakeholders

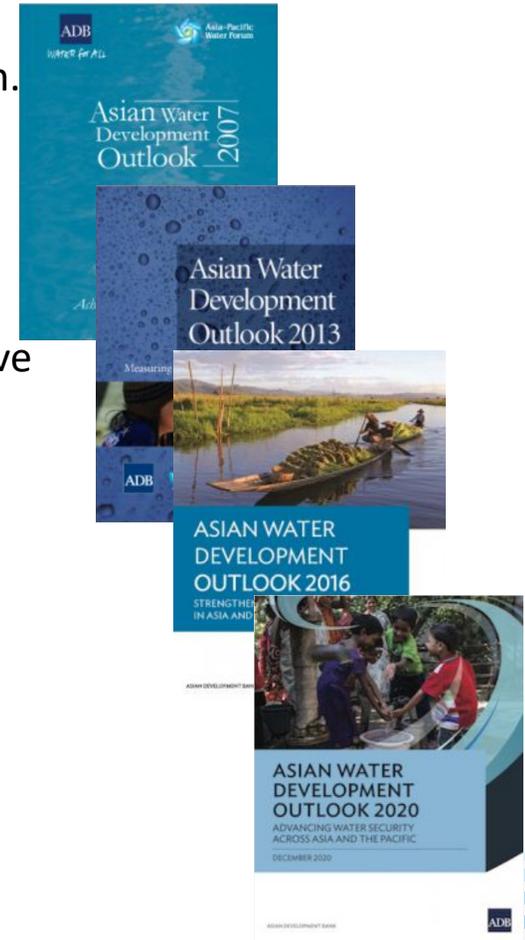
- **AWDO:**
 - is data-driven and evidence-based and provides signposts for decision-makers to understand progress made, identify remaining gaps, and to catalyze action, investment and finance decisions
 - provides a benchmark and possible incentives for stakeholders to improve water security
 - serves as a tangible and reliable knowledge resource for DMCs as they address the multifaceted challenges of water security
 - sheds light on issues that are critical to ensuring water security and equal access for poor and vulnerable groups
 - as a series, reveals how national water security has been evolving (improving?) across Asia and the Pacific
 - has become a reference for water policy reform and investment planning





AWDO : Background and History

- **AWDO 2007**:- ADB conceptualized AWDO with the Asia-Pacific Water Forum. The AWDO 2007 report described the need for water security in the region, pointing out that inappropriate management practices, rather than water scarcity, are the main cause of water insecurity.
<https://www.adb.org/publications/asian-water-development-outlook-2007>
- **AWDO 2013**:- AWDO 2013 provided the first quantitative and comprehensive review of water security by using a water security framework with five key dimensions (KDs).
<https://www.adb.org/publications/asian-water-development-outlook-2013>
- **AWDO 2016**:- AWDO 2016 further developed this framework.
<https://www.adb.org/publications/asian-water-development-outlook-2016>
- **AWDO 2020**:- AWDO 2020 further developed this framework.
<https://www.adb.org/publications/asian-water-development-outlook-2020>
- **AWDO 2025**:- AWDO 2025 will continue to develop this framework.

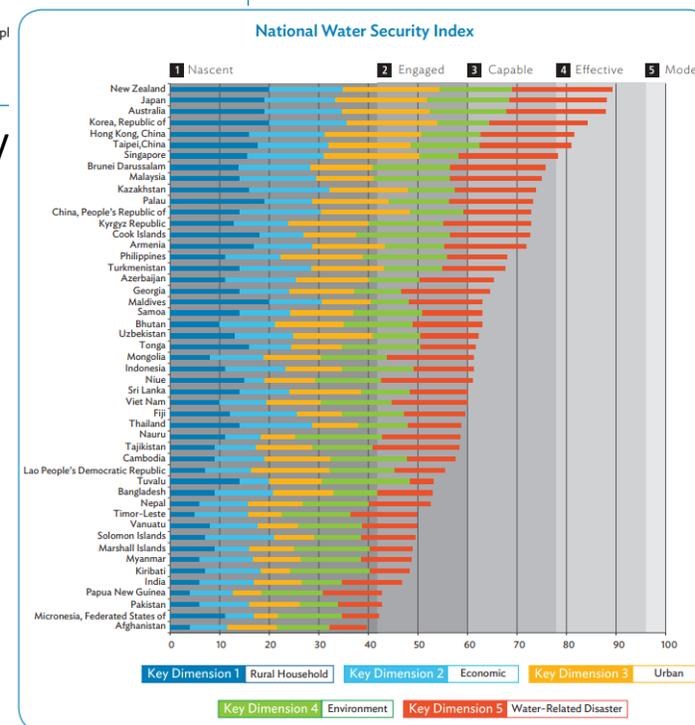
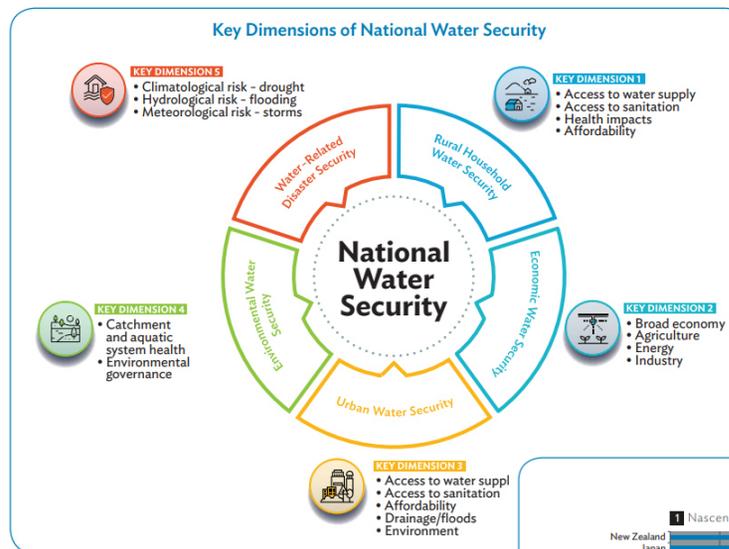




AWDO Framework

Key Dimensions:

- **KD1**:- rural household water security
- **KD2**:- economic water security
- **KD3**:- urban water security
- **KD4**:- environmental water security
- **KD5**:- water-related disaster security
- All KDs are equally important and the order does not reflect a priority
- Water security is expressed in scores, calculated for each KD
- **NWS** (national water security) score of all five KDs are added
- Banding is applied to these scores to indicate the following development stages:
 - nascent
 - engaged
 - capable
 - effective
 - model (no country reached this level)



- Includes 49 ADB member economies from Asia and the Pacific
- AWDO 2020 included **financing** and **governance** (OECD)



A path toward AWDO 2025

- AWDO methodology is in continual development/refinement;
AWDO 2013 → AWDO 2016 → AWDO 2020 → AWDO 2025
- AWDO 2020 Methodology Report – Chapter 11
 - Assessment Framework
 - Interaction of Key Dimensions with One Another
 - Impact of Averaging of Key Dimensions on National Water Security
 - Scoring and Banding
 - Banding of the Sub-indicators and Indicators
 - Spatial Scale
 - Small Island Countries
 - Towards a Real “Outlook” – What Are the Risks Involved?
 - Linkage with Sustainable Development Goals
 - Ground Truthing
 - Governance and Finance
 - AWDO Data Management System and Serious Game
 - KD-specific



ASIAN WATER DEVELOPMENT OUTLOOK 2020

DESCRIPTION OF METHODOLOGY AND DATA

This document was prepared as a supplement to the Asian Water Development Outlook 2020. It provides background information and explanatory notes on the approach taken, assumptions made, and data used. The methodology itself has been developed by the Asian Development Bank (ADB) in cooperation with reputed scientific institutes who have co-authored the individual reports for each of the five key dimensions of water security. These five reports are integrated into this methodology report. This study was supported by the ADB's Water Financing Partnership Facility.





A path toward AWDO 2025

- Some high-level questions to consider;
 - Is AWDO achieving its objective ?
 - Is this what the industry/our stakeholders want & need ?
 - What about other (non-AWDO) water security indices ?
 - Linkage
 - Duplication
 - Are the 5 KDs sufficient, do we need any more ?
 - Governance & Finance
 - Inclusivity
 - Common framework for all KDs ?
 - It's not really an Outlook, its more a status/recent hindcast - do we need to include;
 - Climate change
 - Transition toward nature positive
 - Transition toward net zero carbon emissions
 - Linkage to Sustainable Development Goals (and SDG data sources)
 - Better use of data ?
 - RS/EO & global satellite data
 - How can we increase its uptake ?
 - Serious Games

