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Asia Water Forum 2022

8-11 August 2022 • Online

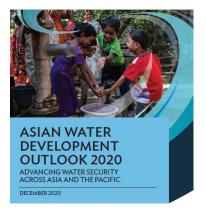
Focus Area: Resilient and Water-Secure Asia and the Pacific

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

Urban Water Security - Key Dimension 3 – Lessons and Future

Schedule: [8 August 2022 | 1:30-3pm]





SIAN DEVELOPMENT BANK

Professor Steven Kenway (KD3 lead)
Research Group Leader Water-Energy-Carbon
The University of Queensland s.kenway@uq.edu.au
Australia



AWDO 2020 – lessons learned

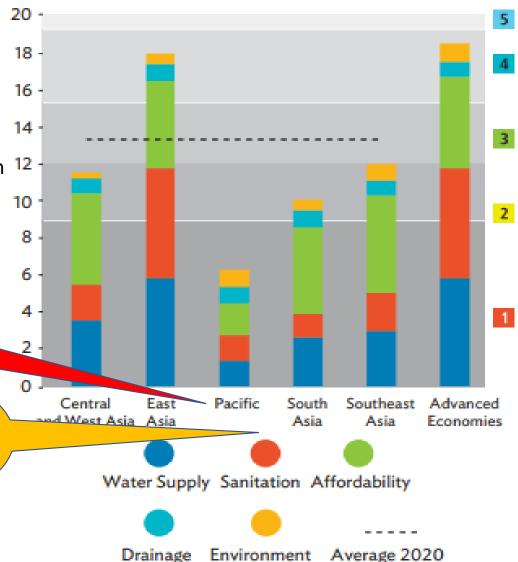
Urban Water Security (KD3) – assesses the extent to which countries are providing safely managed and affordable water and sanitation services for their urban communities to sustainably achieve desired outcomes.

7 'Level 1" - "Nascent" countries (Pacific nations), 1. 9 million people.

18 'Level 2' "Engaged" = insufficient security (790 urban million people, South Asia).



Consistent with SDG 6.2, the target for sanitation management is "safely managed".





AWDO 2020 – lessons learned - security

 Major issue - very little current sanitation performance reported at "safely managed" (JMP).

 Opportunities to solve some problems simultaneously. E.g. investment in wastewater recycling to offset demand for potable water. Cost-effective investment infrastructure + monitoring, data, governance and management.

 Improved AWDO operational links.





What will AWDO 2025 look like with improved analysis?

Improve the framework and consistencies across Key Dimensions = key front-runner.

- DPSR (driver-pressures-state-response model).
- Stronger, clearer incorporation of risk including forward-looking (future climate and demand) and stronger use of models = current and future security.
 - New indicators drawing new data. Higher resolution = city-scale rather than national.
 - Stronger technical underpinning publications.