



*"Integrated Flood Management in the post-COVID-19 era"*  
9th International Conference on Flood Management (ICFM9)

# Water Resilience Actions Toward the UN 2023 Water Conference

Tokyo, Japan, 18 February 2023

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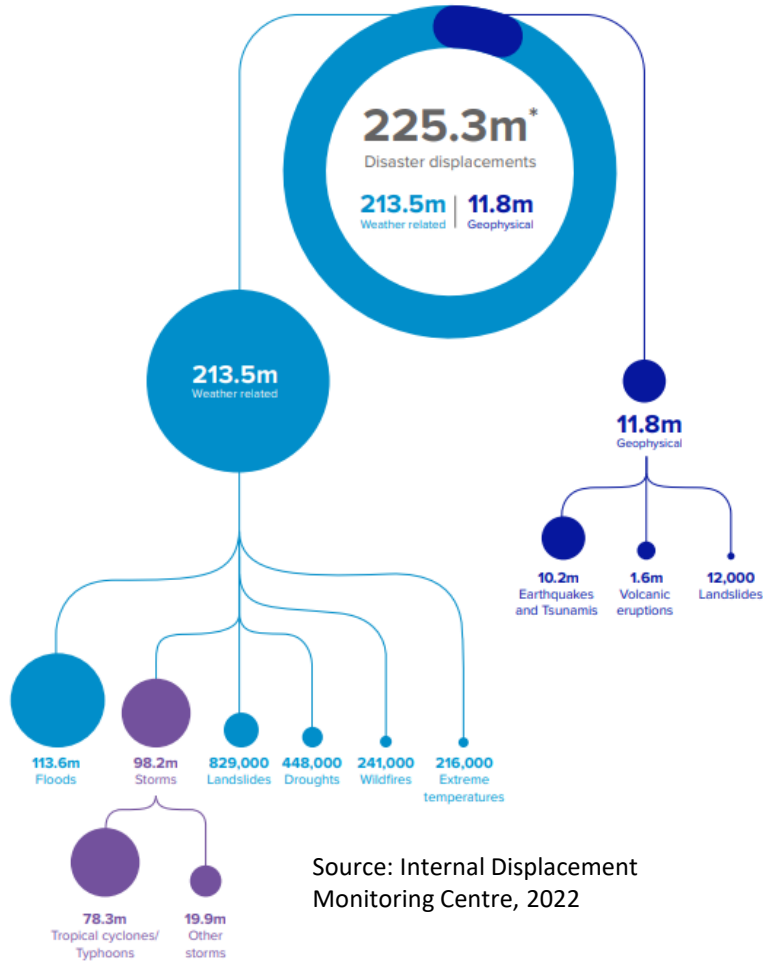
# By the numbers

- OECD: **40%** of development investments are **prone to climate change hazards**
- Global Commission on Adaptation (2019): investing in early warning systems, resilient infrastructures, improved dryland agriculture & crop production, protected mangroves, & resilient water resources could deliver **4x RoI**
- UNEP (2022): adaptation financing requirements range from **\$160–\$340 billion** per year by **2030**, and **\$315–\$565 billion** by **2050**

***ADB ambition to deliver \$100 billion in climate financing between 2019 and 2030, including \$66 billion for climate mitigation and \$34 billion for adaptation***

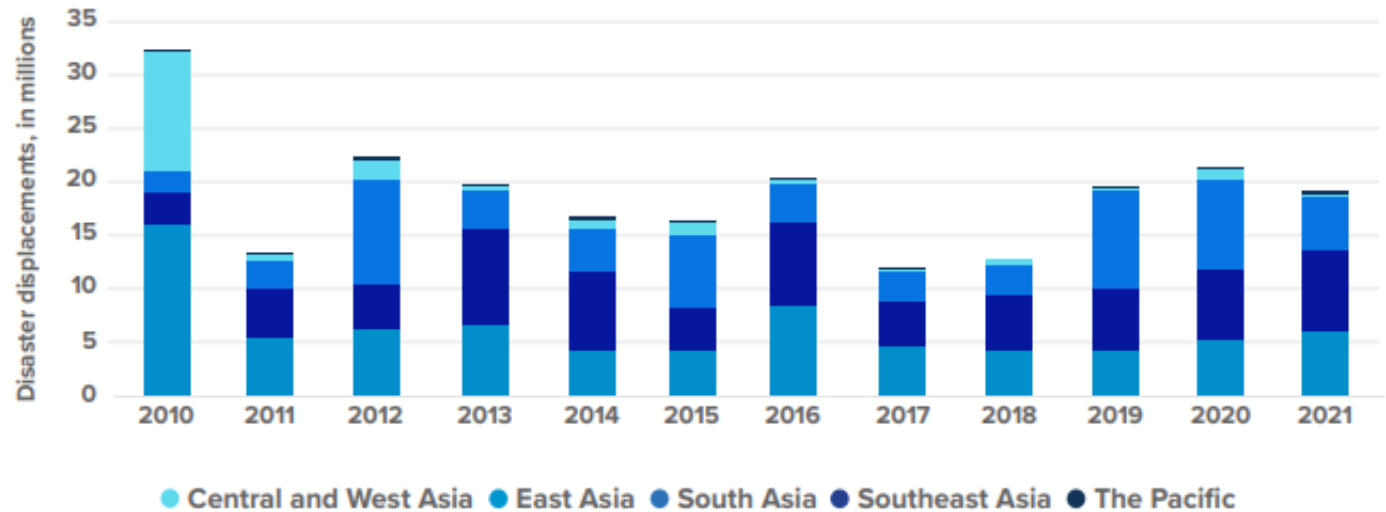
# Disaster displacements in the region (ADB, iDMC, 2022)

Internal displacements in Asia and the Pacific:  
Breakdown by Hazard (2010-2021)



Source: Internal Displacement Monitoring Centre, 2022

Internal displacements by disasters per subregion

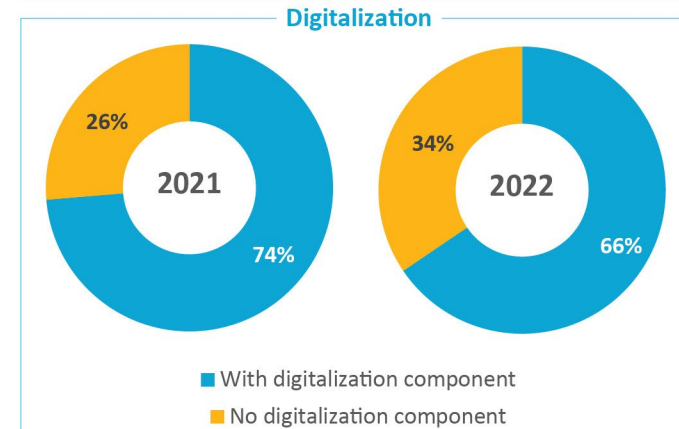
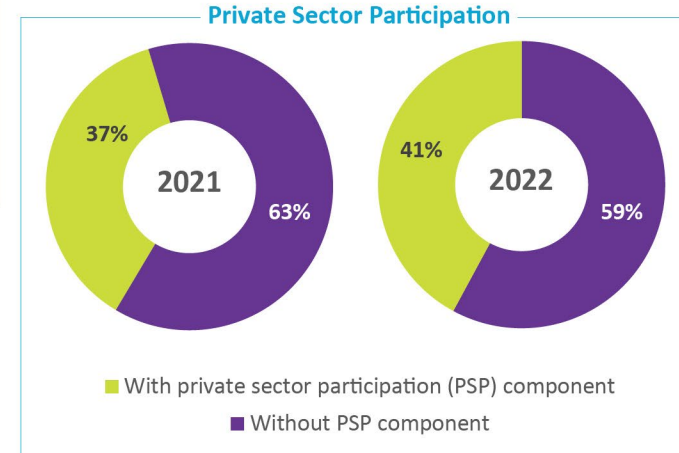
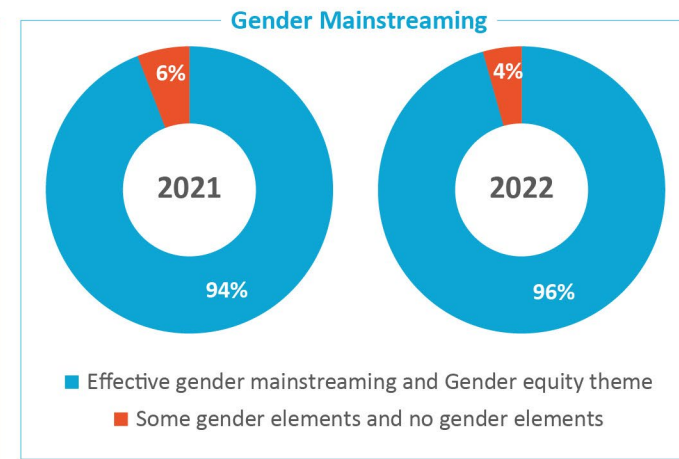
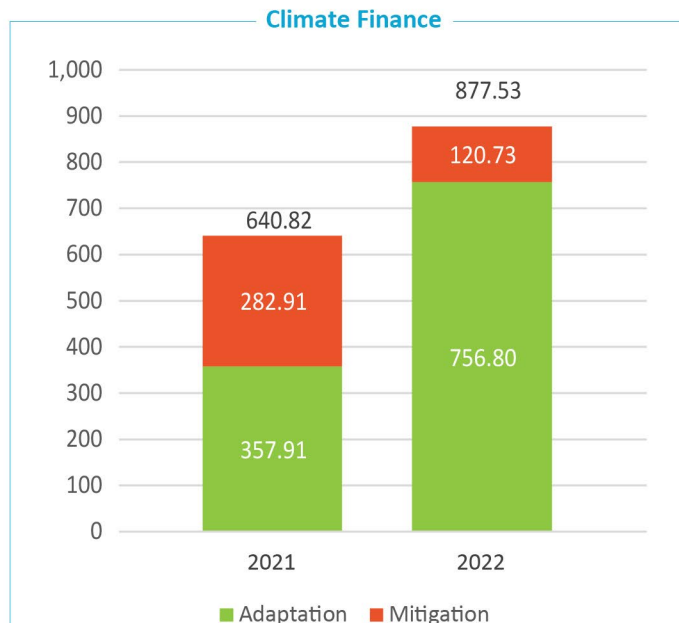
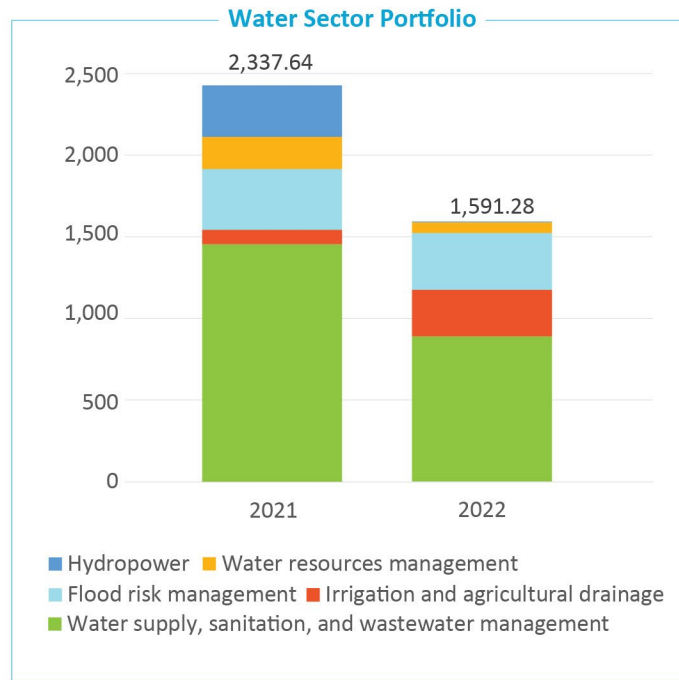
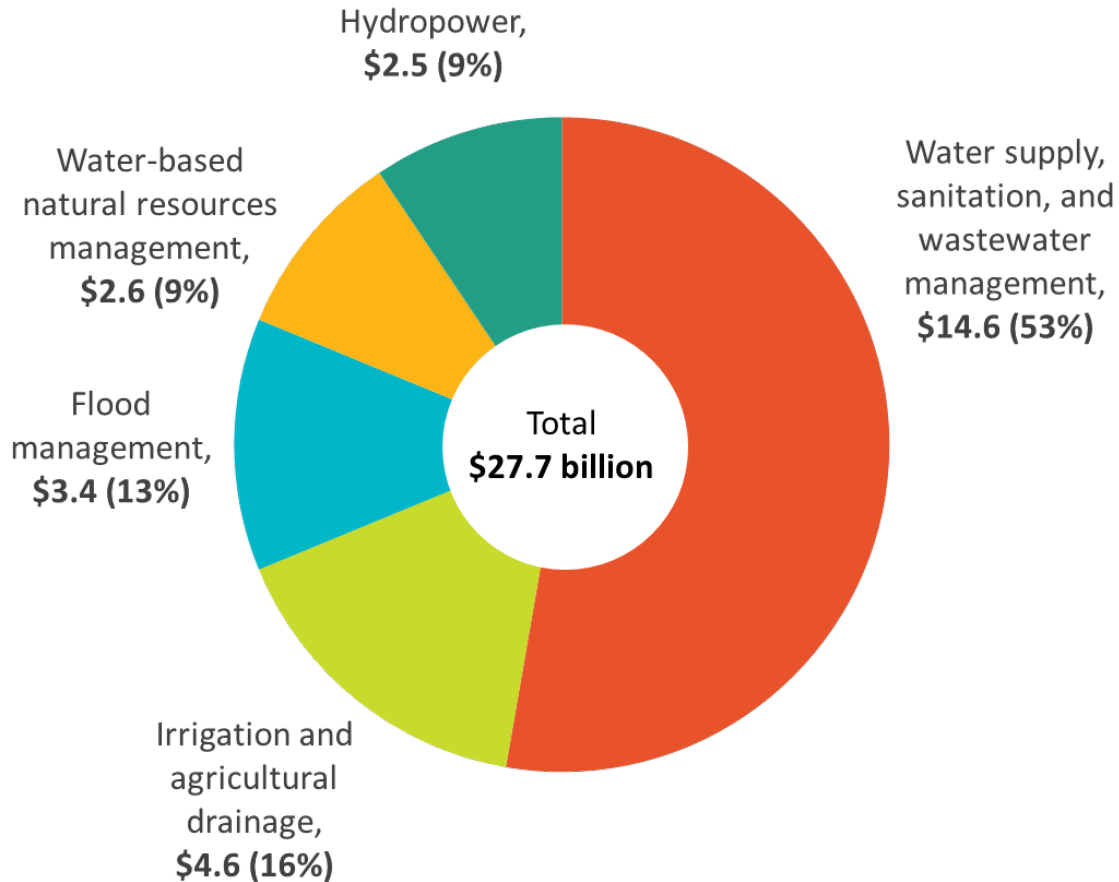


Source: Internal Displacement Monitoring Centre, 2022

# ADB's Water Sector Portfolio Analysis (2011-2022)

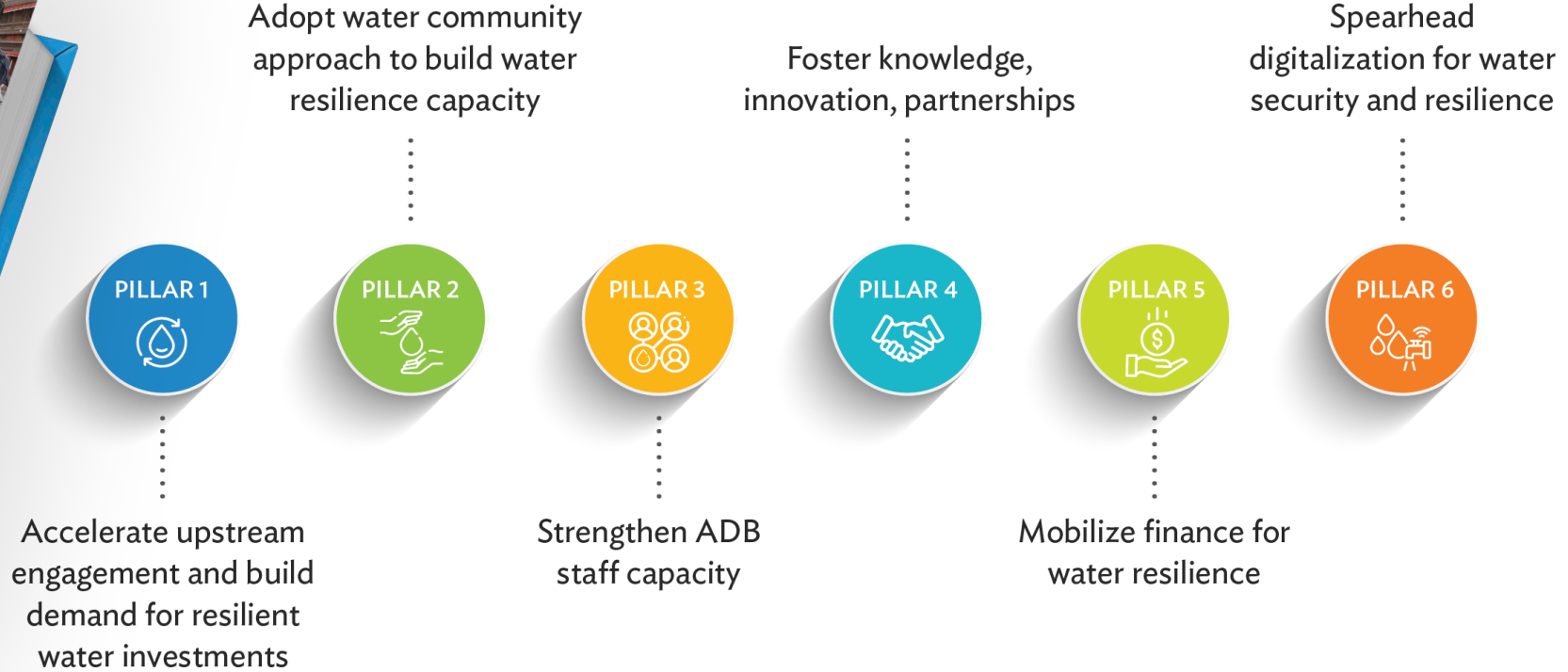
The total **2011-2022 water sector portfolio** is around **\$27.7 billion**, directly supporting water security and resilience for an estimated **665 million people**.

It has contributed significantly to climate financing - around **35% of ADB's total adaptation financing** – from 2018–2022.



# Guidance Note on “Mainstreaming Water Resilience in Asia and the Pacific”

*Provides technical advice on how to operationalize resilience and adaptive capacity in the water sector through 6 mutually reinforcing pillars*





# Towards UN 2030 Water Conference: funds mobilization

- Grant and technical assistance mobilization towards resilience and disaster risk management:
  - The **“Asia Pacific Water Resilience Initiative”** (APWRI): \$200M grant financing from internal sources and external partners (to 2026) to leverage \$10B climate adaptation financing for ADB water sector operations between 2021–2030
  - Recent announcements and highlights under APWRI
    - a) **“Water Resilient Trust Fund”** (WRTF) from the Government of The Netherlands (\$20M),
    - b) Replenishment of the **“Sanitation Financing Partnership Trust Fund”** (SPTF) from the Bill & Melinda Gates Foundation (\$10M)
    - c) Technical Assistance on **“Mainstreaming Water Resilience in Asia and the Pacific”** with support from the government of Japan, Republic of Korea, and ADB internal resources (\$8M)
- Increase in climate financing by embedding resilience through water



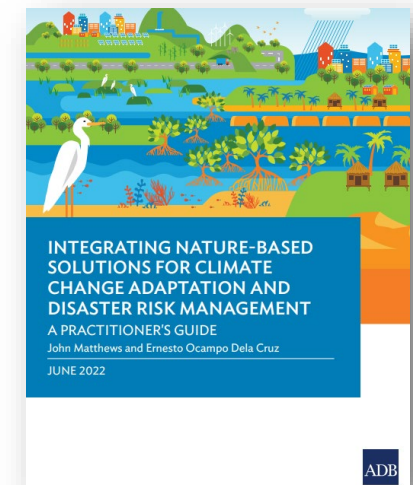
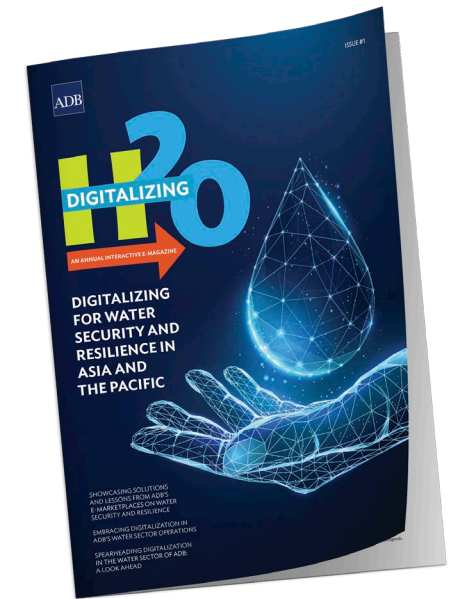
Kingdom of the Netherlands

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# Towards UN 2030 Water Conference: specific actions

- Rapid capacity-building, partnerships and sharing of knowledge, tools and solutions through **the Asia and the Pacific Water Resilience Hub** (<https://hub4r.adb.org/>)
- Promoting Inclusiveness and Gender Equality :
  - **Roundtable on “Accelerating Inclusion in Water”** to discuss how to advance the inclusion agenda in water sector
  - Over 90% of ADB water projects categorized as **“gender sensitive”** under ADB’s gender mainstreaming system
- Increase of **private sector participation**
  - **Joint analytical work** to identify innovative financial mechanisms to increase private sector participation and reforms to crowd-in financing
- Increase in **digitalization** mainstreaming in water sector projects (in 2022, 66% ADB projects included digitalization components)
- Embedding **nature-based solutions** in most projects. ADB’s Environmental Thematic Group with support from the Water Sector Group launched a guidance note “Integrating Nature-Based Solutions for Climate Change Adaptation and Disaster Risk Management”





“Natural hazards don’t need to turn into disasters if properly managed”

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