

THEMATIC PROCESS FRAMEWORK

11th WORLD WATER FORUM

1. WATER SECURITY

- **1A. Groundwater and Surface Water:** Determining availability and promoting equitable, cross-sectoral and transboundary management in rural and urban areas.
- **1B. Water-Related Disasters:** Mitigating and adapting to floods, droughts, and desertification through planning, early-warning, and nature-based solutions and mitigation infrastructure, including dams and water storage infrastructure.
- **1C. Integrated Water Resource Management:** Expanding IWRM using basin-level and source-to-sea approaches under climate and demographic pressures.
- **1D. Closing the Loop in Water Resources Management:** Enhancing demand efficiency, promoting reuse and circular economic principles, strengthening resilience by integrating non-conventional resources
- **1E. Securing Water for Food Security:** Advancing sustainable agriculture through efficient irrigation, equitable allocation, alternative water, and climate-resilient transformation.

2. WATER FINANCE

- **2A. Applying Innovative Water Financing Mechanisms:** Scaling emerging tools like fintech, green/blue bonds, adaptive tariffs, and ecosystem payments beyond blended finance.
- **2B. Private and Public Sectors Engagement:** Opening New Corridors: Aligning and mobilizing PPPs, corporate and impact investments, and smart subsidies under strong public frameworks.
- **2C. Funding for Water Resilience and Climate Adaptation:** Prioritizing investment in WASH, climate-smart f, and scalable, nature-based adaptation solutions.
- **2D. Funding and Loans for Multiscale Projects:** Expanding access to finance for small and mid-scale projects and for smaller entities or stakeholders using microfinance, decentralized funds, and inclusive models.
- **2E. Enabling Conditions for Scaling up Strategic and Inclusive Water Financing:** Strengthening legal frameworks, institutional capacity, and risk management to unlock multi-scale finance.

3. WATER FOR PEOPLE AND ECOSYSTEMS

- **3A. Enhancing Access to Safe Drinking Water Services for All:** Guaranteeing safe drinking water as a human right through resilient service delivery, inclusive governance, cost-effectiveness, and nature-based solutions.

- **3B. Developing Access to Sanitation Services and Improve Wastewater Collection and Treatment:** Ensuring full sanitation access and manage the entire wastewater chain from containment to reuse and safe discharge.
- **3C. Protecting and Restoring Water Ecosystems and Aquatic Biodiversity:** Restoring freshwater and coastal ecosystems through nature-based solutions, watershed protection, and pollution control.
- **3D. Improving Water Quality in a One Health and Multi-Sectoral Approach:** Enhancing water quality by addressing pollution across sectors through a One Health lens linking people, animals, and nature.
- **3E. Water-Energy-Food-Health-Ecosystems-Education Interlinkages:** Positioning water as the core connector across sectors through a new horizontal, cross-cutting approach.

4.WATER GOVERNANCE AND DIPLOMACY

- **4A. Adopting Policy, Regulatory Frameworks, and Institutional Mechanisms:** Aligning national and local governance to catalyze multi-level partnerships and deliver on SDG water targets.
- **4B. Strengthening Political Will and Coordination:** Bridging the gap between global goals and local implementation through coordinated, accountable action and resource alignment.
- **4C. New Instruments for Water Sustainability Policy Consensus:** Empowering actors from local to transboundary levels to co-develop water policies via inclusive, multi-scale cooperation.
- **4D. Towards Holistic Water Advocacy and Public Awareness Programs:** Elevating water through education, civic engagement, stakeholder dialogues, and broad awareness platforms.
- **4E. Engaging Unheard and Vulnerable Voices:** Promoting human rights-based governance by including women, youth, Indigenous people, and cross-sectoral actors in decision-making; innovating new water diplomacy solutions to provide water and sanitation to communities in humanitarian crisis and conflict zones

5.INNOVATION FOR WATER MANAGEMENT

- **5A. Hydro informatics and AI Tools for Water Management:** Leveraging AI, Earth observation, and digital tools with strong governance, cybersecurity, and tech-sector collaboration.
- **5B. Deploying Cutting-Edge Water Technology:** Moving from pilots to full-scale adoption of innovative technologies, environmentally sound and socially equitable over the long term, including reuse, desalination, and smart sensors.
- **5C. Data and Overcoming the Lasting Challenge:** Modernizing water information systems with real-time data, digital twins, and decision-support innovations.
- **5D. Engaging Citizen Science and Community-Based Knowledge:** Combining traditional knowledge and citizen-led innovation with technologies tailored through local participation.
- **5E. Knowledge Sharing:** Advancing open data, peer learning, capacity building, and lifelong training opportunities.

6. VALUE OF WATER

- **6A. Valuing water for sustainable economic growth:** Recognizing and strengthening the full value of water for sustainable development and climate resilience.
- **6B. Advancing efficiency in water management in different sectors:** Promoting efficient and circular water use across sectors, notably through smart irrigation, reuse, and urban planning.
- **6C. Pricing water for sustainable management:** Implementing water pricing and policies that reflect water's full value, including environmental and social costs.
- **6D. Valuing and footprinting water to drive efficient water policies:** Monitoring water footprints of different sectors and virtual flows in trade to reduce impacts and promote responsible consumption.
- **6E. Water resources as a national natural capital: towards a paradigm shift:** Ensuring water allocation guided by efficiency and fairness, maximizing benefits while ensuring access for all.