



THEMATIC PROCESS CALL FOR TCG

[TEMPLATE]

**EXPRESSION OF INTEREST FORM**  
**TOPIC COORDINATION GROUP**  
**10<sup>th</sup> WORLD WATER FORUM THEMATIC PROCESS**

Your Contact Details			
Name of Organization		Country located	
Address			
Focal Person (Person who will work in the TCG)			
Position/ Title			
Email Address			
Telephone Number			

**Please check the position your organization want to participate in as a**

- Topic Coordinator
- or
- Topic Coordination Group Member

**Your organization is particularly interested in; ([List of Sub-theme and Topics on Page 2-3](#))**

- SUB-THEME:
- TOPIC:

**Have you already been involved in a working group of a previous World Water Forum?**

- Yes or No
- If yes, which Forum and which Theme or Topic? :

**Short motivation (no more than 300 words) of why your organization want to join as Topic Coordinator/ Group Member and how it can contribute and how the focal person previous experience is relevantly associated with the role.**

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## SUB-THEMES, TOPICS

### 10<sup>th</sup> WORLD WATER FORUM THEMATIC PROCESS

#### 1. Water Security and Prosperity

- i. **Sound water supply and demand management** (incl. prioritizing water savings and efficiency measures, water services delivery and pricing, cost recovery, development and improvement of water balance system from local to national level, surface reservoir, sustainable ground water resources, etc.) in the context of domestic water usage and human settlements, balancing urban, rural and industrial development with available surface and ground water resources.
- ii. **Circular economy in the water sector and non-conventional water resources** (e. g. WWT recycling and reuse, rainwater harvesting, desalination, constructed wetlands, artificial aquifer recharge, solar pumps, etc.)
- iii. **Water for food/agriculture** (virtual/embedded water, irrigation modernization and efficiency, drought resilient crops, regenerative agriculture, commodity pricing, agricultural subsidies, food estate, etc.)
- iv. **Water for energy** (hydropower, incl. dams and reservoirs; biofuels; hydrogen production by electrolysis; cooling of nuclear and thermal power plants; etc.)
- v. **Water insecurity and development** (climate change and water-related impacts, e.g., economic and social vulnerability, competition over water resources, food insecurity, migrations (urban), political instability etc.)

#### 2. Water for Humans and Nature

- i. **Water quality improvement** (reduction and remediation of biological, chemical, plastic, and other types of water pollution, addressing point and diffuse sources of pollution, etc.) for the reduction of environmental pollution and related health issues (incl. viral epidemics, cholera, malaria)
- ii. **Conservation and restoration of freshwater ecosystems and biodiversity** (incl. Nature-based Solutions, protection and restoration of aquatic biodiversity and ecosystems), protection and restoration of aquatic biodiversity and ecosystems, incl. river, lakes and wetlands, respect the right of rivers to survive in nature, develop river ethics, protect river's healthy life and achieve a harmonious coexistence between human and river.
- iii. Better access to **safe drinking water for all** (guaranteed water rights, inclusivity in accessing water for all gender, children, and more vulnerable group, water services management etc.), including in fragile contexts and humanitarian settings
- iv. Access to **water sanitation and hygiene (WASH) for all**, as a key human right, incl. wastewater and solid waste-treatment infrastructure development and hygiene services in urban or smaller human dwellings and off-grid solutions for, e.g. more remote rural populations or refugee settlements

- v. **Integrated Water Resources Management**, incl. Integrated River Basin Management (IRBM), Water-Energy-Food-Health-Ecosystems inter-linkages, Integrated Coastal Zone Management (ICZM), Source-to-Sea, Integrated hydrology, hydrogeology, hydro-oceanography, and hydrometeorology, Integrated surface and groundwater management, atmospheric water movements (see Global Commission on the Economics of Water report) and other cross-sectoral or cross-cutting approaches

### 3. Disaster Risk Reduction and Management

- i. **Integrated flood prevention and management** policies and programs (mitigation of extreme weather events, flood control projects, floodwater management, coastal zone protection, dam sedimentation, early warning systems, etc.)
- ii. **Drought prevention and management** policies and programs (adaptation plans, drought-resilient crop selection, restoration for peatland and mangrove, etc.)
- iii. **Application of Eco-DRR in the Water sector**, incl. policy or regulatory measures, prevention mechanisms, and best practices of ecosystem-based DRR approaches (e.g. flood plain and mangrove restoration, green infrastructure to reduce heat stress, “sponge cities” approach), etc.
- iv. **Climate, enhancing sustainability and improving the resilience of water infrastructures** to extreme weather events
- v. **Early warning systems for all and Emergency response mechanisms, including preparedness plan and disaster scenario analysis**, to cope with water-related disasters, reduce people’s and infrastructure vulnerability and better prevent humanitarian/refugee crises and migration.

### 4. Governance, Cooperation and Hydro-diplomacy

- i. **Enhance international collaboration at all levels** (incl. multilateral, bilateral, North-South, South-South, North-North), **transboundary and cross-border cooperation** as appropriate on rivers, lakes, wetlands, small islands, and groundwater aquifers, etc.
- ii. **Foster decentralized cooperation** between river basin commissions, regional entities, local authorities, local communities, corporate social responsibility, etc.
- iii. **Strengthen cross-sectoral dialogue and cooperation** (e. g. between water, energy, food, industrial and environmental sectors)
- iv. **Ensure active stakeholder involvement and public participation** (incl. from other sectors) in water management at all level
- v. **Develop and enforce transparent and accountable institutions and legal frameworks, and promote integrity and strengthen equity** at all levels and amongst all players, incl. gender equality, youth involvement, and respect of minorities’ and local communities’ rights.

## 5. Sustainable Water Finance

- i. **Revisit the existing international water financing architecture by promoting a “new economics of water”** approach with an emphasis on transparency, accountability, fairness, and equity.
- ii. **Promote innovative and sustainable funding, financing, and delivery mechanisms** (guaranteed investment and water services pricing e.g. Blended finance, Payments for Ecosystem Services)
- iii. **Secure and increase funding for basic access to safe water and sanitation for all at all scales** as a human right, focusing on developing countries or fragile communities.
- iv. **Special schemes and incentives to promote green finance** (e.g. nature-based solutions, green infrastructures, ‘Green Water Credits’, Circular/Blue/Green, etc.)
- v. **Secure and Increase funding to prevent and overcome water-crisis, water disasters and enhance climate resilience** (e.g. Endowment Funds, Climate/Water Funds, Disaster Contingency Funds, etc.)

## 6. Knowledge and Innovation

- i. **Promote Smart Water Management and technological innovation**(e.g. digital transformation, biotechnology, and artificial intelligence)
- ii. **Promote innovative organizational approaches** (e.g. new governance structures and mechanisms, policy measures, data, and information governance, data sharing, etc.) and **strengthen the Science-to-policy interface** on sustainable water resource management.
- iii. **Respect and value indigenous, traditional, and community-based knowledge systems and promote integration of their practices into existing water management policies**
- iv. **Upscale water information systems** (Systematic Observation and database management, integrated monitoring and assessment of water resources - incl. ocean water, surface water, groundwater-, of water uses, of water service prices, performance assessment of water services and management plans, etc.)
- v. **Enhance access to education and training on water and 3H (hydrology-hydrometeorology-hydrogeology)**, notably on **new concepts** (e.g. water as a global common good, environmental economics, atmospheric rivers, virtual water, water footprint, etc.)



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