



HIGH-LEVEL PANEL DESCRIPTION (PROGRAM) FORM

10th WORLD WATER FORUM

This High-Level Panel Description Form is for the specified program of the session. Please complete this form no later than 28th of February 2024 and send it to hlp@worldwaterforum.org

HLP Session Code and Title:

HLP2 Climate-Water-Energy-Food-Ecology System of Systems – Thursday 23rd May 1-2:30 pm

HLP Session Co-ordinators (Name, Position, Organization, email, mobile number):

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HLP Session Description including objectives and expected outcomes (500 words maximum):

Water, energy, and food security, underpinned by healthy ecosystems, are crucial for sustainable long-term economic growth and human wellbeing. The system approach to water management leverages synergies between water and related policies to achieve these objectives. Increased awareness of the interaction and interlinkages of the Climate-Water-Energy-Food-Health-Education-Ecology system of systems within planetary or landscape wide, brought about a system level approaches to manage water. Nevertheless, questions remain on the business case for system approaches to expand integrated water resource management to include these system interactions. This session builds on previous efforts to promote system view to water management and the transversality of water. It is designed to promote a new vision of water management with the aim to have an impact on the delivery of water to society including human activities and ecosystem. The session is intended to identify the barriers to scale up system level success stories and provide a systemic vision and clear directions towards equity and sustainability in allocation of water across sectoral needs through dialogue and tradeoffs discussions with stakeholders (local communities, public and private sectors, academia, and governing bodies, etc.). Exploring the interlinkages between water, energy, food, health, and education will help in achieving synergies between these sectors. The vision will include consideration for alternative sources (recycling, treatment, re-use), water use efficiency, water governance and transboundary water.

The session will be an opportunity to present the various dimensions of the vision through HLP speakers and engage the audience in an inclusive discussion and feedback. This cannot be done without a dynamic engagement of the key stakeholders attending the forum.

Proposed session (90 minutes):

Opening: **M. Loic Fauchon**, President of the World Water Council (10 min)

Session overview / introduction with a framing perspective: (10 min) **Rabi H. Mohtar** (Texas University and AUB)



Panelist:

Panelist interventions about case studies, lessons learned and new ideas for the IWRM framework (5min each):

1. **Ms. Ismahane Elouafi**, DG, CGIAR, **Ms. Rachael McDonnell**, IWMI's Deputy Director General for Research. Perspective on the Water and Food Systems.
2. **Mr. Malcolm Turnbull** President of International Association of Hydropower; **Pablo Valverde** deputy CEO of International Association of Hydropower. Perspective on the Water and Energy Systems.
3. **Mr. Saroj Jha**, Global Director, Water, World Bank Group. Financing and Security Perspectives on the Water, Food, Energy and Climate Systems.
4. **Ms. Barbara Pompili**, Special envoy of the President for the One Water Summit, France. Water Politics and Global Water Agenda.
5. **Mr. Nizar Baraka**, Minister of Equipment and Water, Kingdom of Morocco, President of the International Network of Basin Organizations (INBO). Water and Sustainable Development, Policy Coherence and Cooperation.
6. **Mr. Fred Van Heems**, President of AquaFed, CEO of Veolia North America. Water / Wastewater operators and governors perspectives.
7. **Mr. Henk Ovink**, Executive Director of the Global Commission on the Economics of Water. Threats and opportunities to save Water as a global commons.
8. **Mr. Taikan Oki**, Special Advisor to the President and a Professor at the Graduate School of Engineering, The University of Tokyo. Water Diplomacy.

Moderated discussion (30 min) based on the following over arching questions:

1. If we acknowledge that a system approach is need to the future of resources security, why we still manage these resources in isolation?
2. From your perspective, what are some positive signs to achieve coherence in managing these resources?
3. What governance and financing structures enables this systems approach.
4. What is missing in the messaging and awareness to this complex system that enables changes in actions and behaviors?

Concluding remarks (5min)

Outcomes:

The session outcomes will be documented in a policy recommendation and submitted as a proposal to the One Water Summit in September 2024 then the UN Summit 2026. Panelists are expected to contribute to this outcome.

Policy recommendation outcomes can also be shared / inform one or more of:

- i. Biodiversity COP16 to be presided by Columbia, in Cali in October,
- ii. COP29 in central Asia
- iii. Brazil G20 Summit
- iv. Platform for MDB innovation towards agriculture and food systems transformation established by: ADB, AfDB, EBRD, IFAD, IDB and WB
- v. Among others

The invited panelists should have the capacity to contribute and promote this outcome.

Detailed HLP Session plan:

ESTIMATED TIMING	ITEM DESCRIPTION / ROLE	SPEAKERS	SPEAKERS STATUS (OK OR TBC)