

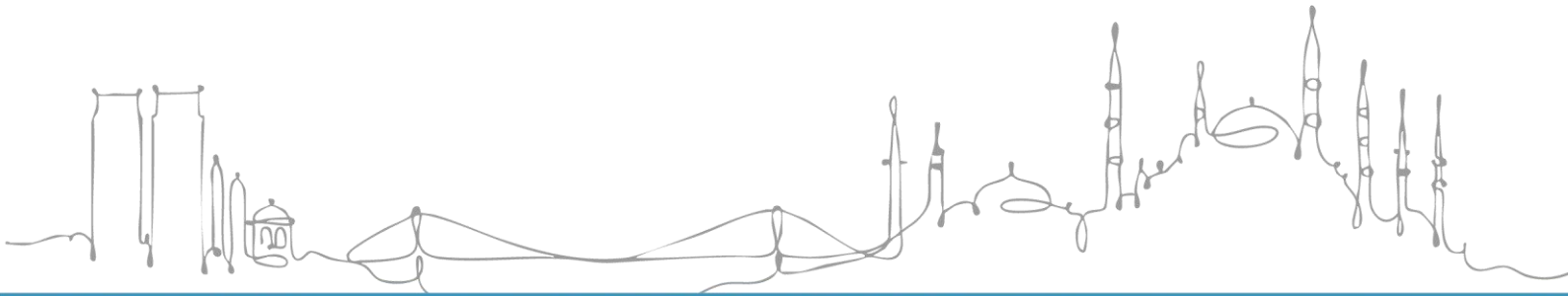
# 5<sup>th</sup> ISTANBUL INTERNATIONAL WATER FORUM

“Strengthening Water Resilience: Innovation to Action”

5-6 May 2026 | Istanbul, Türkiye

## CONCEPT NOTE

High Level Panel on One Water One Health



## High Level Panel on One Water One Health

Water lies at the heart of the One Health framework, connecting the health of people, animals, and ecosystems through shared resources and risks. As a universal solvent and powerful transporter, water carries nutrients, contaminants, and pathogens across cities, industries, and agricultural systems—creating interdependencies making effective water management a critical lever for disease prevention, ecosystem protection, and resilient societies. Within this framework, the panel will highlight the One Water, One Health approach as a driver of health, sustainability, and economic growth, inspiring action through innovations such as eco-factories, circular water use, and advanced surveillance systems. It will also seek to secure concrete commitments, including pilot initiatives and the integration of One Health strategies into policy and practice, while strengthening partnerships across governments, international organizations, industry, civil society, and the research community to accelerate global efforts toward resilient and future-ready water systems. Wastewater and environmental surveillance will be discussed as a cost-effective, data-driven tool for early warning, risk reduction, and smarter public investment, supporting prevention, informing policy, and reducing long-term health risks and environmental burdens. Building on this integrated vision, the panel will further explore how performance-linked and blended financing mechanisms can support measurable water-quality and health outcomes, focusing on clear outcome indicators and risk-sharing models that align public priorities with private investment and help scale solutions delivering tangible benefits across the One Health spectrum.

### Objectives and expected outcomes:

- Position water as a strategic entry point for One Health, advancing the One Water, One Health approach to strengthen human, animal, and ecosystem health while supporting disease prevention, environmental protection, economic growth, and societal resilience.
- Promote scalable and innovative water solutions - including eco-factories, circular water use, and wastewater and environmental surveillance - while strengthening cross-sector partnerships to accelerate implementation and impact.
- Strengthen wastewater and environmental surveillance as a cost-effective, data-driven early-warning tool that informs prevention, policy design, and smarter public investment, delivering measurable water-quality and health outcomes.
- Secure commitments for pilot initiatives and policy integration of One Health, contributing to resilient, future-ready water systems with long-term health, environmental, and economic benefits.
- Advance performance-based and blended financing mechanisms that align public priorities with private investment through risk-sharing and outcome-driven models.

**Keywords:** One Water–One Health, Wastewater & Environmental Surveillance, Circular Water Solutions, Resilient Water Systems, Performance-Based & Blended Finance

