



SS4 SESSION DESCRIPTION FORM

10TH WORLD WATER FORUM

Session Code and Title:

Special Session (SS 4):

Money for honey (trucks): Financing a global wastewater and environmental water surveillance system in a One-Health approach

Date: 23rd May 2024

Time: 14:50 -16:20

Session Coordinators /Moderators

Name	Organization	Contact
Prof. Bilge Alpaslan Kocamemi	Turkish Water Institute (SUEN)	Primary e-mail: bilge.alpaslan@marmara.edu.tr Secondary e-mail: bilgekocamemi@gmail.com
Dr. Bernd Manfred Gawlik	European Commission Joint Research Centre (EC JRC)	E-mail: Bernd.GAWLIK@ec.europa.eu



Session Description including objectives and expected outcomes:

This high-level panel discussion focuses on the financial aspects of water-cycle-based epidemiology in the context of establishing a global system for public and environmental health monitoring, with specific attention to the nexus of Public Health and Water. The aim is to provide a critical platform for addressing key issues at the intersection of health and water management.

The panel offers an opportunity for experts, policymakers, and stakeholders to explore the financial considerations associated with implementing a comprehensive water-cycle-based epidemiology system. This discussion encompasses the need for robust funding mechanisms to support the development, maintenance, and operation of such a global system, particularly addressing the unique challenges faced by low and middle-income countries.

Central topics for discussion include innovative financing models tailored to the specific needs of these countries, as well as the potential for international cooperation and coordination in funding and resource allocation. The panel also highlights the importance of leveraging public-private partnerships, international aid, and development assistance to bolster financial resources for implementing water-cycle-based epidemiology initiatives in regions with limited financial capacity.

Beyond financial considerations, the panel also explores the broader implications of integrating public health and water management, emphasizing the potential synergies between the two sectors in promoting human health and environmental sustainability. This holistic approach underscores the interconnectedness of public health and water quality, emphasizing the intrinsic link between access to clean water and improved health outcomes.

Furthermore, the discussion emphasizes the need for global coordination in establishing standards, protocols, and best practices for water-cycle-based epidemiology, ensuring effective implementation and harmonization across different countries and regions. This global coordination aims to facilitate knowledge sharing, capacity building, and technical assistance to support the establishment of robust public and environmental health monitoring systems worldwide.

Ultimately, the high-level panel discussion serves as a catalyst for mobilizing financial resources, fostering collaboration, and advocating for a cohesive, global approach to water-cycle-based epidemiology, with the overarching goal of advancing public health and environmental well-being on a global scale.



Promotional Short Session Description in media friendly language :

Join us for "Money for Honey (Trucks): Financing a Global Wastewater and Environmental Water Surveillance System in a One-Health Approach" as we tackle the financial aspects of water-cycle-based epidemiology. Hear from experts, policymakers, and stakeholders as they discuss innovative financing models and international cooperation needed to establish a global system for public and environmental health monitoring. Don't miss this high-level panel discussion addressing critical issues at the intersection of health and water management!

Expected outcomes, concrete solutions, impacts, and follow up linkages with events and initiatives after the Forum

The panel will present the proposed the Global Consortium for Wastewater and Environmental Surveillance for Public Health (GLOWACON) governance structure, providing a strategic framework aimed at enhancing coordination and financing for capacity building in water-cycle based surveillance systems. This will serve as a cornerstone for streamlining financial efforts and ensuring efficient resource allocation.

Additionally, the dialogue will place a strong emphasis on conducting a thorough cost versus benefit analysis, with particular focus on low and middle-income countries (LMICs). This analysis is expected to paint a clear picture of the economic advantages and potential health dividends that can be reaped by these nations through investments in water-cycle based epidemiology, thereby justifying the initial expenditure with evidence of long-term financial and health benefits.

Lastly, the discussion will also delve into the economic opportunities that may arise from the integration of big data analytics, genetic testing, and artificial intelligence within the health and water sectors. The panel aims to sketch out how these cutting-edge technologies could potentially revolutionize water-cycle based epidemiology, offering new revenue streams and cost-saving prospects. The outcome will be a blueprint that highlights the intersection of technology and finance in the context of public health and environmental sustainability, setting the stage for future innovation and investment in this critical area.

Through these discussions, the panel is anticipated to set in motion a series of actionable recommendations that could significantly contribute to the establishment of a robust global system for public and environmental health monitoring, equipped to tackle the challenges of the 21st century and beyond.

Detailed Session plan:

TIME	ROLE	PANELISTS
OPENING		
4 min	Opening & Announcement	Moderators
4 min	Opening Remarks	Türkiye Ministry of Agriculture and Forestry Ebubekir Gizligider Deputy Minister
PERSPECTIVES OF EACH ORGANIZATION ON		
i) ONE-HEALTH APPROACH		
ii) WASTEWATER AND ENVIRONMENTAL WATER SURVEILLANCE SYSTEM		
2 min	Announcement	Moderators
4 min	Panelist	Asian Development Bank (ADB) Satoshi Ishii Director, Strategy and Partnerships Team, Water and Urban Development Sector Office
2 min	Announcement	Moderators
4 min	Panelist	Islamic Development Bank Idrissa Dia Director of Economic and Social Infrastructure Department
2 min	Announcement	Moderators
4 min	Panelist	Water Research Commission, Water Institute of Southern Africa Jennifer Moltwantwa WRC CEO, WISA Board Member
2 min	Announcement	Moderators
4 min	Panelist	European Commission, HERA Ana Burgos Deputy Head of Unit
2 min	Announcement	Moderators
4 min	Panelist	World Bank Gerard Soppe Senior Water Supply and Sanitation Specialist
5 min	Moderators	SLIDO ANIMATIONS
ROUND TABLE QUESTIONS (1 QUESTION/PANELIST)		
2 min	Question	Moderators
4 min	Panelist	Asian Development Bank (ADB) Satoshi Ishii Director, Strategy and Partnerships Team, Water and Urban Development Sector Office
2 min	Announcement	Moderators
4 min	Panelist	Islamic Development Bank Idrissa Dia Director of Economic and Social Infrastructure Department
2 min	Announcement	Moderators
4 min	Panelist	Water Research Commission, Water Institute of Southern Africa Jennifer Moltwantwa WRC CEO, WISA Board Member
2 min	Announcement	Moderators
4 min	Panelist	European Commission, HERA Ana Burgos Deputy Head of Unit
2 min	Announcement	Moderators
4 min	Panelist	World Bank Gerard Soppe Senior Water Supply and Sanitation Specialist
10	Moderators	Q&A with the audience (1 question to each panelist / 2 min each)
CLOSING		
4 min	Closing Remarks	Moderators
Total 87 min		