



GLOWACON AT THE EXPO OSAKA

AGENDA (DRAFT FINAL)

WASTEWATER AND ENVIRONMENTAL SURVEILLANCE: STRENGTHENING PREPAREDNESS, GUIDING RESPONSE THROUGH GLOWACON

OVERVIEW

Organised by

- The European Commission's Health Emergency Preparedness and Response Authority (HERA)
- The European Commission's Joint Research Centre (JRC)
- With support of the EU Delegation Japan

Location and time

- EU DEL Pavilion, EXPO Osaka
- Thursday, 18 September, 10:45 – 20:00

Scope

The COVID-19 pandemic underscored the need for innovative, scalable, and non-invasive surveillance systems capable of detecting infectious threats early. Wastewater and environmental surveillance (WES) has emerged as a powerful tool to complement clinical surveillance by capturing early signals of disease circulation, often before individuals seek care or are tested. Recognising its growing importance, the European Commission's Health Emergency Preparedness and Response Authority (HERA), in collaboration with the Joint Research Centre (JRC), is advancing the global uptake of WES through its flagship initiative, GLOWACON (Global Consortium for Wastewater and Environmental Surveillance for Public Health). This event at EXPO Osaka will highlight how WES contributes to early warning systems, supports informed decision-making, and strengthens global health preparedness. The event also builds on the momentum of the ongoing wastewater sampling and analysis conducted at EXPO Osaka, offering real-time examples of how WES can be implemented at high-profile public venues.



AGENDA

Thursday 18 September @ EU DEL Pavillion

10:45 – 11:15	Opening session WES for preparedness: EU leadership and global partnerships	Speakers: <ul style="list-style-type: none"> Laurent MUSCHEL - <i>Deputy-Head</i> - European Commission, Health Emergency Preparedness and Response Authority (HERA) Hideyuki YOKOYAMA - <i>Mayor</i> - City of Osaka, Japan Loic FAUCHON - <i>President</i> - World Water Council Moderators: Angela TESSAROLO, European Commission, Health Emergency Preparedness and Response Authority (HERA), Bernd Manfred GAWLIK, European Commission's Joint Research Centre
11:15 – 11:30	Keynote address WES for resilience – a vision from the field	Speaker: <ul style="list-style-type: none"> HE Ebubekir GIZLIGIDER - <i>Deputy Minister of Agriculture and Forestry</i> - Türkiye
11:30 – 13:00	WES at strategic locations Insights to monitor cross-border health threats	High-Level Panel – Why do we need WES at strategic locations <p>Speakers:</p> <ul style="list-style-type: none"> Laurent MUSCHEL - <i>Deputy-Head</i> - European Commission, HERA Shigeto HAMAGUCHI - <i>Executive Director</i> - Health Security Public Health Institute of Osaka Prefecture Oliver KIMBERGER - <i>Chair-Person</i> - European ICU Network on behalf of ESAIC - European Society of Anaesthesiology and Intensive Care HE Pedro RAMOS - <i>Regional Minister of Health</i> - Autonomous Region of Madeira, Portugal Panel Session – How to perform WES at strategic locations <ul style="list-style-type: none"> <i>WES at airports in Japan</i> Maasaki KITAJIMA - <i>Professor</i> - University of Tokyo, Japan <i>WES in a multi-national public health context – the European Joint Action EU WISH</i> Tarja PITKÄNEN - <i>Chief Specialist</i> - Water Microbiology Laboratory on behalf of the EU WISH Consortium, Finland <i>WES, aviation and more</i> Andrew ENGELI - <i>Senior Director</i> - Gingko Bioworks, USA <i>Preparing for GLOWACON – Aviation: WES at International Airports</i> Robert MORFINO - <i>Business Development Lead</i> - VERILY Moderators: Angela TESSAROLO, European Commission, HERA, Bernd Manfred GAWLIK, European Commission's JRC
13:15 – 14:45	Light lunch	@Italian Pavillon

15:00 – 17:00

**One water,
one world**

WES for protecting
health, sustaining
economies,
improving
preparedness

KEYNOTE

One water, One Health, One World –
Reflections on the value of water and health

Speaker:

- Frédéric LAMOITY – Vice President – Veolia Japan Ltd

Panel 1: One Water

- *Wastewater surveillance for water, health and more*
Bernd Manfred GAWLIK – Portfolio Leader Water Resilience – European Commission's Joint Research Centre
- *OneHealth Support, Emergencies and Water Diplomacy – WES in Türkiye*
Bilge ALPASLAN-KOCAMEMI – Professor – SUEN
- *The value of water*
Ismahane REMONNAY – Vice-President of Foresights & Alliance – VEOLIA, France

Panel 2: One World

- *Water and people's health – engaging the citizen*
Marie-Therese LAGUERRE-NDIAYE – Partnerships Director – VEOLIA Foundation, France
- *Reflections on bio-security by WES through innovative partnership*
Jean RICHARDS – Director for Bio-Security – SICPA S.A. Switzerland
- *WES Standardisation – State of Play*
Koh FURATA – on behalf of ISO 147 – International Standardisation Organisation

Panel 3: One Health

- *About islands, tourism and employing WES*
Kirk Douglas – Director – Centre for Biosecurity Studies, Barbados
- *The IWRA Perspective: Islands, Water and Health*
Ganesh PANGARE – Board Member – International Water Resources Association
- *About flu(s), birds and what WES has to do with it*
Antonio MARCHINI – JRC Portfolio Leader: Anticipation, Risks, Resilience – European Commission's Joint Research Centre

Moderators: Angela TESSAROLO, HERA, Jann MARTINSOHN, JRC

18:00 – 20:00

Networking cocktail @Italian Pavillon

Including a LIVE Art Performance of Japanese Calligraphy by Tominga HARUTO
and the Musicians Rin IWASHITA & Toki SHIMIZU (tbc)

