

# Watermicro2025 Program at a glance

## Sunday 15th Jun 2025

09:00 - 10:30	<b>Registration</b> Location: Foyer		
10:30 - 12:00	<b>Viral clues</b> Location: Theater Track: New tools Side event 1	<b>Let's team up to unlock the outbreak with the wastewater code</b> Location: Balcony 1st floor Track: Water as information source Side event 3	<b>Water pathogen modelling</b> Location: Balcony 2nd floor Track: Control options in a changing world Side event 2
12:00 - 13:00	<b>Lunch break</b> Location: Foyer		
13:00 - 14:30	<b>Identifying and addressing challenges in wastewater and environmental surveillance (WES) population representation and data interpretation</b> Location: Theater Track: Water as information source Side event 6	<b>Infectivity Determination of Viruses: Cell Culture vs. Molecular Methods (PCR)</b> Location: Balcony 1st floor Track: New tools Side event 4	<b>Water quality management: research into action!</b> Location: Balcony 2nd floor Track: Control options in a changing world Side event 5
14:30 - 15:00	<b>Tea break</b> Location: Foyer		
15:00 - 16:30	<b>WBES Cluster event: Innovation in sampling for water surveillance of pathogens and AMR</b> Location: Theater Track: Water as information source Side event 7: this is an IWA Cluster Wastewater-Based Epidemiological Surveillance event, jointly organised by the Health-Related Water Microbiology and the Urban Drainage specialist groups of IWA.	<b>Who bears the burden? Using DALYs to assess risk tradeoffs in water reuse management</b> Location: Balcony 1st floor Track: Global change and water safety Side event 8	<b>How to create usable irrigation water safety plans for growers</b> Location: Balcony 2nd floor Track: Control options in a changing world Side event 9
16:45 - 17:45	<b>Conference opening</b> Location: Theater Water works - an (under)water concert Welcome to Watermicro2025		
17:45 - 18:00	<b>Walk to reception</b>		
18:00 - 20:00	<b>Welcoming reception</b> Location: De Vier Broers, Lieve Vrouwekerkhof 8-10, 3811 BS Amersfoort		

Monday 16th Jun 2025

08:00 - 09:00	Registration Location: Foyer				
09:00 - 09:30	Keynote Climate change and health Location: Theater Track: Global change and water safety TBD				
09:30 - 09:50	Climate change and pathogen health risks Location: Theater Co-chairs: Ana Maria de Roda Husman, Jesse Limaheluw Track: Global change and water safety				
09:50 - 10:20	Panel discussion on climate change and health risks Location: Theater Co-chairs: Ana Maria de Roda Husman, Jesse Limaheluw Track: Global change and water safety				
10:20 - 10:50	Coffee break Location: Foyer				
10:50 - 11:50	Climate change and pathogen health risks Location: Theater Co-chairs: Heather Murphy, Justine Petrucci Track: Global change and water safety				
11:50 - 12:00	TBD Location: Theater Track: Global change and water safety TBD				
12:00 - 12:30	Poster pitches Global change and water safety Location: Theater Co-chairs: Hao Wang, Silvia Monteiro Track: Global change and water safety				
12:30 - 13:30	Lunch break Location: Foyer				
13:30 - 15:00	Drinking water and health Location: Theater Co-chairs: Catalina Ortiz, Peter Vikesland Track: Global change and water safety		Epidemiology of waterborne diseases Location: Balcony 1st floor Co-chairs: Benjamin Clark, Luz Chacon Track: Global change and water safety		Pathogen fate Location: Balcony 2nd floor Co-chairs: Daniela Morales, Silvia Bofill-Mas Track: Global change and water safety
15:00 - 15:30	Tea break Location: Foyer				
15:30 - 17:00	Workshop: The impact of climate change on waterborne diseases Location: Theater Track: Global change and water safety				
17:00 - 18:00	Poster session 1A Safe drinking water Location: Foyer Track: Global change and water safety	Poster session 1B Legionella & biofilms Location: Foyer Track: Global change and water safety	Poster session 1C Safe bathing water and surface water Location: Foyer Track: Global change and water safety	Poster session 1D Safe water (re)use Location: Foyer Track: Global change and water safety	Poster session 1E Climate change impact Location: Foyer Track: Global change and water safety
18:00 - 23:00	Free	Young Water Professionals social event (exclusive for YWP) Location: Foyer	HRWM Management Committee meeting (closed) Location: Room 1		

## Tuesday 17th Jun 2025

08:00 - 09:00	Registration Location: Foyer				
09:00 - 09:30	Keynote recreational water & health Location: Theater Track: Global change and microbial hazards Adriaan van der Linden, Manager Developments at Leisurelands and part of the Swimmable Cities alliance, a collective effort of experts to promote swimming in the urban environment.				
09:30 - 09:50	Recreational water & health Location: Theater Co-chairs: Fariba Raesi, Laurent Moulin Track: Global change and microbial hazards				
09:50 - 10:20	Panel discussion on recreational water & health Location: Theater Co-chairs: Fariba Raesi, Laurent Moulin Track: Global change and microbial hazards				
10:20 - 10:50	Coffee break Location: Foyer				
10:50 - 11:50	Pathogens in surface water Location: Theater Co-chairs: Jean Baptiste Burnet, Songtao Mei Track: Global change and microbial hazards				
11:50 - 12:00	Creative presentation: Rapid Legionella test Location: Theater Track: Global change and microbial hazards				
12:00 - 12:30	Poster pitches Global change and microbial hazards Location: Theater Co-chairs: Aina Astorch-Cardona, Jade Mitchell Track: Global change and microbial hazards				
12:30 - 13:30	Lunch break Location: Foyer	Global Water Pathogens Project Reboot 2.0 Location: Balcony 1st floor Global Water Pathogen Project (GWPP) Board Members are excited to meet you and give you updates on the GWPP 2.0 Reboot!			
13:30 - 15:00	Antimicrobial resistance in water Location: Theater Co-chairs: Ismail Rabiou, Mats Leifels Track: Global change and microbial hazards	Water in buildings Location: Balcony 1st floor Co-chairs: Michele Prevost, Rajashree Hajarare Track: Global change and microbial hazards	One health Location: Balcony 2nd floor Co-chairs: Helen Stratton, Mengyang Zhang Track: Global change and microbial hazards		
15:00 - 15:30	Tea break Location: Foyer	Meet the IWA Publishing editors Location: Foyer Meet and discuss with the editors serving on editorial boards of journals of the International Water Association Publishing, at the registration desk.			
15:30 - 17:00	Workshop AMR surveillance in (waste)water - options for implementation, including in the European urban wastewater treatment directive Location: Theater Track: Global change and microbial hazards		QIAGEN workshop How to detect low-abundance microbes with a versatile workflow Location: Balcony 2nd floor Track: New tools This workshop is sponsored by QIAGEN		
17:00 - 18:00	Poster session 2A Environmental pathogens & resistance Location: Foyer Track: Global change and microbial hazards	Poster session 2B Microbes in engineered systems Location: Foyer Track: Global change and microbial hazards	Poster session 2C Genomics and molecular insights Location: Foyer Track: Global change and microbial hazards	Poster session 2D Health risks Location: Foyer Track: Global change and microbial hazards	Poster session 2E Transmission pathways Location: Foyer Track: Global change and microbial hazards
18:00 - 19:00	Free				
19:00 - 23:00	Science fiesta (registration required) Location: St. Joriskerk, Hof 1, 3811 CJ Amersfoort				

Wednesday 18th Jun 2025

08:30 - 09:00	Registration Location: Foyer				
09:00 - 09:30	Keynote Health risks of drinking water disinfection Location: Theater Track: Control options in a changing world Cristina Villanueva, expert in water quality and health, with a strong focus on exposure assessment to chemicals, such as disinfection by-products, in water and environmental epidemiology. Associate Research Professor Non-communicable Diseases and Environment of the Barcelona Institute for Global Health (ISGlobal), Barcelona, Catalonia, Spain.				
09:30 - 09:50	Disinfectant-free drinking water Location: Theater Co-chairs: Arijana Filipić, Patrick Smeets Track: Control options in a changing world				
09:50 - 10:20	Panel discussion Disinfectant-free drinking water Location: Theater Co-chairs: Arijana Filipić, Patrick Smeets Track: Control options in a changing world				
10:20 - 10:50	Coffee break Location: Foyer				
10:50 - 11:50	Sanitation Location: Theater Co-chairs: Claire Furlong, Iftita Rahmatika Presentation type: Oral Track: Control options in a changing world				
11:50 - 12:00	Creative presentation: What are you waiting for? Superplasma is here! Location: Theater Track: Control options in a changing world				
12:00 - 12:30	Poster pitches Location: Theater Co-chairs: Kumiko Oguma Track: Control options in a changing world				
12:30 - 13:30	Lunch break Location: Foyer				
13:30 - 15:00	Wastewater surveillance studies Location: Theater Co-chairs: Brakemi Egbedi, Masaaki Kitajima Track: Water as information source		New tools Location: Balcony 1st floor Co-chairs: Karina Gin, Sijia Kong Track: New tools		Drinking water safety Location: Balcony 2nd floor Co-chairs: Gang Liu, Johanna Engels Track: Control options in a changing world
15:00 - 15:30	Tea break Location: Foyer				
15:30 - 17:00	Workshop Realising the benefits of nature-based solutions in microbial public health risk management: conducting the research and translating it into guidance. Location: Theater				
17:00 - 18:00	Poster session 3A Methods for Microbial Detection Location: Foyer Track: Control options in a changing world	Poster session 3B Microbial Source Tracking Location: Foyer Track: Control options in a changing world	Poster session 3C Microbial Water Quality Monitoring Location: Foyer Track: Control options in a changing world	Poster session 3D Molecular Tools Location: Foyer Track: New tools	Poster session 3E Treatment Technologies Location: Foyer Track: Control options in a changing world
18:00 - 19:30	Open meeting of the IWA Health-Related Water Microbiology Specialist Group Location: Theater				

Thursday 19th Jun 2025

08:30 - 09:00	Registration Location: Foyer					
09:00 - 09:30	Keynote New perspectives on sanitation Location: Theater Track: Water as information source Barbara Evans holds the chair in Public Health Engineering in the School of Civil Engineering at the University of Leeds in the United Kingdom. Her work is centred on the delivery of the United Nations’ Sustainable Development Goal 6, with a particular focus on resilient and equitable sanitation services.					
09:30 - 09:50	Sanitation and surveillance Location: Theater Co-chairs: Maarten de Jong Track: Water as information source					
09:50 - 10:20	Panel discussion Sanitation and surveillance Co-chairs: Maarten de Jong Track: Water as information source					
10:20 - 10:50	Coffee break Location: Foyer					
10:50 - 11:50	Water as information source for health Location: Theater Co-chairs: Nguyen Thi Thu Huong, Tim Julian Track: Water as information source					
11:50 - 12:00	Creative presentation: Source tracking Location: Theater Track: New tools					
12:00 - 12:30	Poster pitches Location: Theater Co-chairs: Surapong Rattakanul, William Amoah Track: Water as information source					
12:30 - 13:30	Lunch break Location: Foyer					
13:30 - 15:00	Wastewater surveillance methods Location: Theater Co-chairs: Sarah Philo, Scott Meschke Track: Water as information source		Enhancing wastewater surveillance for disease control Location: Balcony 1st floor Co-chairs: Anne-Merel van der Drift, Tarja Pitkanen Track: Water as information source		Modelling & QMRA Location: Balcony 2nd floor Co-chairs: Emile Sylvestre, Solomon Dabillah Track: New tools	
15:00 - 15:30	Tea break Location: Foyer					
15:30 - 17:00	Workshop Genetic Methods in Water Quality Testing: from Science to Practice. Part II – A Comparative Analysis Among Application Areas. Location: Theater Track: New tools					
17:00 - 18:00	Poster session 4A QMRA Location: Foyer Track: Water as information source	Poster session 4B Wastewater and environmental surveillance - respiratory pathogens Location: Foyer Track: Water as information source	Poster session 4C Wastewater and environmental surveillance - enteric pathogens Location: Foyer Track: Water as information source	Poster session 4D Wastewater and environmental surveillance - AMR Location: Foyer Track: Water as information source	Poster session 4E Wastewater and environmental surveillance - Methods Location: Foyer Track: Water as information source	Poster session 4F Water and environmental surveillance - Public health value Location: Foyer Track: Water as information source
18:00 - 19:00	Free					
19:00 - 23:30	Conference dinner & party Location: Stadszaal Informal conference dinner in festival vibe with food from around the world. Bring your dancing shoes for after dinner :)					

## Friday 20th Jun 2025

08:00 - 08:30	<b>Registration</b> Location: Foyer	
08:30 - 10:00	<b>Undertaking Water Microbiology Research in Challenging Settings</b> Location: Balcony 2nd floor Side event 12 Track: Undertaking Water Microbiology Research in Challenging Settings	
10:00 - 10:30	<b>Coffee break</b> Location: Foyer	
10:30 - 12:00	<b>WHO: Guidelines for Drinking Water Quality</b> Location: Balcony 1st floor Track: Control options in a changing world Launch of the updated WHO Guidelines for Drinking Water Quality and workshop about the next steps	<b>Implementation of RT-PCR methods for statutory monitoring under the EU Drinking Water Directive</b> Location: Theater Side event 11 Track: New tools
12:00 - 13:00	<b>Lunch break</b> Location: Foyer	
13:00 - 14:30	<b>WHO: Guidelines for Safe Wastewater Use</b> Location: Balcony 1 <sup>st</sup> floor Presentation type: Side event Track: Control options in a changing world Interactive discussion about the required scope of the guidelines for safe use of wastewater	<b>H2Omics: a refreshing dive into the water microbiome</b> Location: Balcony 2nd floor Side event 11 Track: New tools
14:30 - 15:00	<b>Tea break &amp; farewell</b> Location: Foyer	

For Friday excursions: see [Watermicro2025.nl](https://www.watermicro2025.nl)

