

# IWA Digital World Water Congress

24 MAY – 4 JUNE 2021

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#WorldWaterCongress



**DIGITAL**  
World Water Congress

## Programme Overview

Connecting the dots  
for a water-wise world



Water utility management



Wastewater treatment & resource recovery



Drinking water & potable reuse



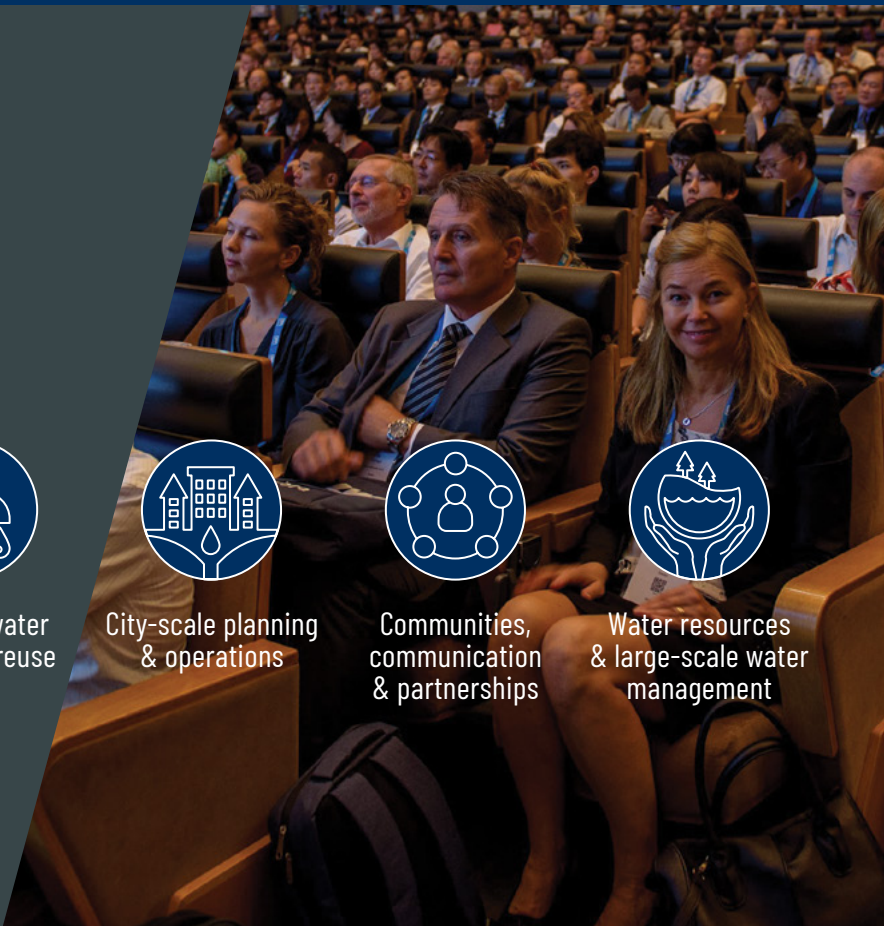
City-scale planning & operations








Communities, communication & partnerships



Water resources & large-scale water management



# Digital World Water Congress – Week 1






 <b>Track 1</b> Water utility management	 <b>Track 2</b> Wastewater treatment & resource recovery	 <b>Track 3</b> Drinking water & potable reuse	 <b>Track 4</b> City-scale planning & operations	 <b>Track 5</b> Communities, communication, & partnerships	 <b>Track 6</b> Water resources & large-scale water management
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Week 1	Monday 24 May	Tuesday 25 May	Wednesday 26 May	Thursday 27 May	Friday 28 May *	* Time 28 May
11.00 – 12.00	OPENING CEREMONY	S7 S8 S9	REST DAY	S16 S17 S18	TO BE ANNOUNCED	11.00 – 12.00
12.00 – 12.30	BREAK	BREAK		BREAK	PANEL EVENT	12.00 – 12.30
12.30 – 13.30	S1 S2 S3	S10 S11 S12		S19 S20 S21	BREAK	12.30 – 13.00
13.30 – 14.00	BREAK	BREAK		BREAK	S25 S26 S27	13.00 – 14.00
14.00 – 15.00	S4 S5 S6	S13 S14 S15		S22 S23 S24	WATER INDUSTRY QUIZ	14.00 – 15.00

Week 1	Monday 24 May	Tuesday 25 May
11.00 – 12.00	Opening Ceremony & Keynote Speaker IWA Awards (part one)	SESSION 7 Resource recovery from wastewater SESSION 8 Oxidation and other processes SESSION 9 Drinking water production
12.30 – 13.30	SESSION 1 Resource recovery from wastewater SESSION 2 Management of climate adaptation SESSION 3 Utility efficiency and excellency	SESSION 10 Modelling integrated wastewater treatment processes SESSION 11 Electrochemical and oxidation processes SESSION 12 Drinking water production
14.00 – 15.00	SESSION 4 Resource recovery from wastewater SESSION 5 Strategic water management in cities SESSION 6 Water quality standards, regulations and economics	SESSION 13 Modelling integrated wastewater treatment processes SESSION 14 Micropollutants and nanoplastics SESSION 15 Distribution system microbiology and biofilms

Week 1	Thursday 27 May	Friday 28 May *	* Time 28 May
11.00 – 12.00	SESSION 16 Emergent contaminants SESSION 17 Water utility digital practice SESSION 18 Potable reuse and alternative drinking water production	To be announced Panel Discussion	11.00 – 12.00 12.00 – 12.30
12.30 – 13.30	SESSION 19 Emergent contaminants SESSION 20 Becoming a digital water utility of the future SESSION 21 Microbial and chemical risk assessment	SESSION 25 Water reclamation SESSION 26 Smart management of water and wastewater networks SESSION 27 Antibiotic resistance and biodegradation of pesticides	13.00 – 14.00
14.00 – 15.00	SESSION 22 Emergent contaminants SESSION 23 Smart management of wastewater collection systems SESSION 24 Disinfection techniques in drinking water production	Water Industry Quiz	14.00 – 15.00

# Digital World Water Congress – Week 2

 <b>Track 1</b> Water utility management	 <b>Track 2</b> Wastewater treatment & resource recovery	 <b>Track 3</b> Drinking water & potable reuse	 <b>Track 4</b> City-scale planning & operations	 <b>Track 5</b> Communities, communication, & partnerships	 <b>Track 6</b> Water resources & large-scale water management
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Week 2	Monday 31 May	Tuesday 01 June	Wednesday 02 June	Thursday 03 June	Friday 04 June								
12.00 – 13.00	REST DAY	PLENARY SESSION	S34	S35	S36	S43	S44	S45	WATER INDUSTRY TV AWARDS				
13.00 – 13.30		BREAK	BREAK			BREAK			BREAK				
13.30 – 14.30		S28	S29	S30	S37	S38	S39	S46	S47	S48	S52	S53	S54
14.30 – 15.00		BREAK	BREAK			BREAK			BREAK				
15.00 – 16.00		S31	S32	S33	S40	S41	S42	S49	S50	S51	CLOSING CEREMONY		

Week 2	Tuesday 01 June			Wednesday 02 June		
12.00 – 13.00	Week 2 Opening & Keynote Speaker IWA Awards (part two)			SESSION 34 Nutrient removal	SESSION 35 Lifecycle analysis and the circular economy	SESSION 36 Distribution system modelling and sustainability
13.30 – 14.30	SESSION 28 Operation of full-scale WWTP	SESSION 29 Smart measurements for better decisions	SESSION 30 Nature-based solutions and sustainable water management	SESSION 37 Specific nitrogen removal processes	SESSION 38 Modelling / optimisation of water supply and sewer networks and processes	SESSION 39 Community engagement and collaboration for improved water resource and liveability outcomes
15.00 – 16.00	SESSION 31 Large wastewater treatment plants	SESSION 32 Enhancing urban flood resilience through technology	SESSION 33 Ecosystems services and understanding water resources	SESSION 40 Anammox-based nitrogen removal	SESSION 41 Integrated modelling of nature-based solutions towards water-wise cities	SESSION 42 Communication with stakeholders and disaster management

Week 2	Thursday 03 June			Friday 04 June		
12.00 – 13.00	SESSION 43 Microbiology of WWTP - phosphorus removal	SESSION 44 Integrating water management and urban planning with many stakeholders	SESSION 45 Government and industry collaborations for improved water sector resilience	Water Industry TV Awards		
13.30 – 14.30	SESSION 46 Biosolids management	SESSION 47 Planning for rehabilitation and retrofitting	SESSION 48 Improving our understanding of groundwater	SESSION 52 Membrane fouling control and lifespan	SESSION 53 Minimising gaseous emissions	SESSION 54 Modelling flood risk and resilience to identify solutions
15.00 – 16.00	SESSION 49 Biofilm and membrane bioreactors	SESSION 50 Urban drainage of the future	SESSION 51 Water quality and pollution	Closing Ceremony		

# Digital World Water Congress – Programme Overview

The IWA Digital World Water Congress is a major virtual event bringing together global stakeholders from across the industry.

The congress is being held across 8 days, from 24 May – 4 June (with rest days on 26 May and 31 May).

In the first week, the congress will run from 11:00 to 15:00 GMT, in the second week, from 12:00 to 16:00 GMT.

The event will host a number of plenary sessions with keynote speakers from industry, as well as dozens of presentations from industry experts. There will also be a poster hall, with presentations from each author.

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14.30 – 15.00		BREAK	BREAK	BREAK	BREAK	
15.00 – 16.00		S31 S32 S33	S40 S41 S42	S49 S50 S51	CLOSING CEREMONY	

All times are Greenwich Mean Time (GMT)



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