

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







 Track 1 Water utility management	 Track 2 Wastewater treatment & resource recovery	 Track 3 Drinking water & potable reuse	 Track 4 City-scale planning & operations	 Track 5 Communities, communication, & partnerships	 Track 6 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 *	* 28 May
11.00 – 12.00	OPENING CEREMONY	S7 S8 S9	REST DAY	S16 S17 S18	DOCUMENTARY – BRAVE BLUE WORLD	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	SESSION 7 Resource recovery from wastewater
12.30 – 13.30	SESSION 1 Resource recovery from wastewater	SESSION 8 Oxidation and other processes
14.00 – 15.00	SESSION 4 Resource recovery from wastewater	SESSION 9 Drinking water production
	SESSION 2 Management of climate adaptation	SESSION 10 Modelling integrated wastewater treatment processes
	SESSION 3 Utility efficiency and excellence	SESSION 11 Electrochemical and oxidation processes
	SESSION 5 Strategic water management in cities	SESSION 12 Drinking water production
	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 *	* 28 May
11.00 – 12.00	SESSION 16 Emergent contaminants	SESSION 17 Water utility digital practice	DOCUMENTARY SCREENING Brave Blue World
12.30 – 13.30	SESSION 19 Emergent contaminants	SESSION 18 Potable reuse and alternative drinking water production	PANEL DISCUSSION, HOSTED BY IWA Challenges and opportunities for the water sector
14.00 – 15.00	SESSION 20 Becoming a digital water utility of the future	SESSION 21 Microbial and chemical risk assessment	SESSION 25 Water reclamation
	SESSION 22 Anammox-based nitrogen removal	SESSION 23 Smart management of wastewater collection systems	SESSION 26 Smart management of water and wastewater networks
	SESSION 24 Disinfection techniques in drinking water production	SESSION 27 Antibiotic resistance and biodegradation of pesticides	WATER INDUSTRY QUIZ

Digital World Water Congress – Week 2

 Track 1 Water utility management	 Track 2 Wastewater treatment & resource recovery	 Track 3 Drinking water & potable reuse	 Track 4 City-scale planning & operations	 Track 5 Communities, communication, & partnerships	 Track 6 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	WEEK 2 OPENING	S34	S35	S36	S40	S41	S42	WATER INDUSTRY TV AWARDS				
13.00 – 13.30		BREAK	BREAK			BREAK			BREAK				
13.30 – 14.30		S28	S29	S30	S37	S38	S39	S43	S44	S45	S49	S50	S51
14.30 – 15.00		BREAK	BREAK			BREAK			BREAK				
15.00 – 16.00		S31	S32	S33	DOCUMENTARY – LORDS OF WATER			S46	S47	S48	CLOSING CEREMONY		

Week 2	Tuesday 01 June			Wednesday 02 June		
12.00 – 13.00	WEEK 2 OPENING & KEYNOTE SPEAKER IWA AWARDS			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 Integrated modelling of nature based solutions towards water-wise cities	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	DOCUMENTARY SCREENING Lords of Water		







Week 2	Thursday 03 June			Friday 04 June		
12.00 – 13.00	SESSION 40 Microbiology of WWTP - phosphorus removal	SESSION 41 Integrating water management and urban planning with many stakeholders	SESSION 42 Government and industry collaborations for improved water sector resilience	WATER INDUSTRY TV AWARDS		
13.30 – 14.30	SESSION 43 Biosolids management	SESSION 44 Planning for rehabilitation and retrofitting	SESSION 45 Communication with stakeholders & disaster management	SESSION 49 Membrane fouling control and lifespan	SESSION 50 Minimising gaseous emissions	SESSION 51 Modelling flood risk and resilience to identify solutions
15.00 – 16.00	SESSION 46 Biofilm and membrane bioreactors	SESSION 47 Urban drainage of the future	SESSION 48 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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13.30 – 14.30		S28 S29 S30	S37 S38 S39	S43 S44 S45	S49 S50 S51
14.30 – 15.00		BREAK	BREAK	BREAK	BREAK
15.00 – 16.00		S31 S32 S33	DOCUMENTARY — LORDS OF WATER	S46 S47 S48	CLOSING CEREMONY

All times are Greenwich Mean Time (GMT)



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