

DAY ONE PLENARY SESSION							
MORNING TEA - Exhibition Hall							
	Stream 2	Stream 3	Stream 4	Stream 5	Stream 6	Stream 7	Stream 8
	Room 217	Room 220	Room 213	Room 216	Room 219	Room 212	Room 211
	RESILIENCE & WATER SECURITY FOR THE FUTURE	ASSET MANAGEMENT, PLANNING & DELIVERY	SUPPORTING HEALTHY COMMUNITIES & ENVIRONMENTS	LEADERSHIP IN GOVERNANCE & PROGRESSIVE REGULATION	DELIVERING EXCELLENCE IN CUSTOMER EXPERIENCE	THE WATER NEXUS: ACHIEVING A CIRCULAR ECONOMY	ROUND TABLE DISCUSSION
	PLANNING STRATEGIES	RISK MANAGEMENT	WATER QUALITY	INTERNAL EFFORTS	UNDERSTANDING & ENGAGING	BIOSOLIDS IN FOCUS	NASTY WATER
8:30am - 9:45am							
9:45am - 10:35am							
10:35am - 10:45am	111	390	271	141			
	WASTEWATER AS A VEHICLE FOR RESILIENCE AND WATER SECURITY: THE MACARTHUR REGIONAL PLAN <i>Subha Balasubramanian, Aurecon</i>	RAPID VALUE DRIVER TREE ASSESSMENTS: LINKING RISKS TO DELIVERY, DRIVERS AND DATA <i>Laura De Rango, Jacobs</i>	E. COLI DETECTIONS IN HUNTER WATER'S DRINKING WATER SAMPLES <i>Vikaskumar Shah, Hunter Water</i>	COLLABORATION FOR SUCCESS: COLLABORATIVE PARTNERSHIPS DELIVERING EXCEPTIONAL INFRASTRUCTURE AND COMMUNITY OUTCOMES <i>Lisa Fragomeni, Yarra Valley Water</i>			
10:45am - 11:10am	313	100	425	89	177	281	
	DEVELOPING A WATER SENSITIVE CITY STRATEGY FOR INDIAN CITIES <i>Advait Madav & Harry Virahsawmy, Alluvium International</i>	EMERGING CONTAMINANTS MONITORING: WHERE DO WE START? <i>Tom Davies, Beca HunterH2O</i>	THE WALLS ARE BUGGED! BIOLOGICAL STABILITY IN THE DRINKING WATER DISTRIBUTION SYSTEM <i>John Stanmore & Luke Bianchi, Hunter Water</i>	A NOVEL APPROACH TO STATIFYING CORPORATE RISKS FOR IMPROVED RISK GOVERNANCE IN THE WATER SECTOR <i>Mandy Damant, Water Corporation & Simon Fane, Institute for Sustainable Futures</i> ★	ENHANCING THE CUSTOMER EXPERIENCE WITH DIGITAL METERING DATA <i>Maddison Cullinan, GWMWater</i>	BIOSOLID GOLD: MANAGING STRUVITE FOR ENHANCED RESOURCE RECOVERY <i>Chloe Downes, Suez together with SA Water</i>	
11:10am - 11:35am	186	18	104	202	66	442	
	WINERES - A TOOL TO ASSESS THE WINE INDUSTRIES RESILIENCE TO WATER SHOCKS AND CLIMATE CHANGE <i>Millie Simpson, Arup</i>	PROTECTING THE CROWN JEWELS: FORGING THE PATH TO A RESILIENT WATER SERVICES INFRASTRUCTURE CULTURE <i>Andrew Harris, GHD Advisory & Krystie Bryant, Central Coast Council</i>	IMPLEMENTING HEALTH-BASED TARGETS IN A BLENDED DRINKING WATER SUPPLY SYSTEM <i>Lucy Parsons & Yulia Shutova, Sydney Water & Emily White, WaterNSW</i>	ELEVATING EXCELLENCE: HOW STRATEGIC PORTFOLIO MANAGEMENT TRANSFORMS ORGANISATIONAL PERFORMANCE <i>Ornella Onofrio & Mark Salkunas, Yarra Valley Water</i>	PREDICTING CUSTOMER VULNERABILITY: A DATA-DRIVEN APPROACH TO DELIVERING CUSTOMER SUPPORT <i>Celia Farnan, Unitywater</i>	BURNING BIOSOLIDS: HOW ICON WATER DEALT WITH A HOT TOPIC <i>Patty Chier, Icon Water</i>	
11:35am - 12:00pm	52	250	119	198	30	444	
	ASSESSING CLIMATE RISKS TO WATER SECURITY OF REGIONAL TOWNS IN NSW <i>Dushmanta Dutta, NSW DCCEEW</i>	DO WE REALLY NEED TO UPGRADE THEM ALL? <i>Ali Ahmadi, SA Water</i>	SILICON CARBIDE ULTRAFILTRATION - WASTEWATER TREATMENT ON THE GO <i>Mark Langley, Greater Western Water & Craig Dickson, AquaVoda</i>	THE POWER OF ENVIRONMENTAL MANAGEMENT SYSTEMS TO ACCELERATE CLIMATE CHANGE ACTION <i>Catherine Corkill & Kristen McNamara, Southern Rural Water</i>	PARADISE DAM OPTIONS EVALUATION: CUSTOMERS AT THE CENTRE <i>Lucy Archer, Sunwater</i>	BIOSOLIDS PRODUCTION AND END USE IN AUSTRALIA AND NEW ZEALAND: STATISTICS AND TRENDS <i>Matt Wood, Sydney Water & Beatrice Yong, Water Corporation</i> ★	
12:00pm - 1:10pm	LUNCH - Exhibition Hall						








RESPONDING WHEN WATER GETS NASTY

Floods, fires and high flows - enhancing our sectors capacity for response

Facilitated by the Ozwater'24 Committee

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★ Indicates Top Paper


	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5	Stream 6	Stream 7	Stream 8	Stream 9	
	Room 218	Room 220	Room 217	Room 212	Room 219	Room 210	Room 213	Room 209	Room 216	
	RURAL, REMOTE, REGIONAL WATER	EXCELLENCE IN OPERATIONS	SUPPORTING HEALTHY COMMUNITIES AND ENVIRONMENTS	ASSET MANAGEMENT, PLANNING & DELIVERY	ASSET MANAGEMENT, PLANNING AND DELIVERY	EXCELLENCE IN OPERATIONS	THE WATER NEXUS: ACHIEVING A CIRCULAR ECONOMY	FIRST NATIONS PEOPLE KNOWLEDGE & PARTICIPATION	 STUDENT WATER PRIZE <i>Please note that each SWP Presentation is 15 minutes long</i>	PLENARY ROOM
	COLLABORATION	 CYBER & DIGITAL	EMERGING CONTAMINANTS	 ASSET MANAGEMENT	 MAKING BOLD CHANGE	 OPTIMISATION	 HYDROGEN IN FOCUS	 PARTNERING & IMPLEMENTATION FOR SELF DETERMINATION		
1:10pm - 1:20pm		217	38	253	272	323	60		VICTORIA (1:10 - 1:25pm)	
		AN OPERATIONAL DATA STORE FOR ESTIMATING AND MANAGING RESERVOIR EVAPORATION <i>Kim Seong Tan, Melbourne Water & Amber Murphy, Beca</i>	LINKING CECS TO TRADE WASTE SOURCES: A SYSTEMATIC APPROACH TO SOURCE CONTROL IN WASTEWATER NETWORKS <i>Chantal Keane, Urban Utilities</i>	OPTIMISING SEWER INFRASTRUCTURE MANAGEMENT THROUGH GIS APPLICATIONS <i>Mahmud Khan, Wingecarribe Shire Council</i>	IN TRUST WE TRUST, OR DO WE? <i>Dr. Shahzad Orakzai, KBR</i>	MAKING ENERGY OPTIMISATION ACCESSIBLE WITH GOLDENFIELDS WATER COUNTY COUNCIL <i>Brad Thompson, Autodesk Australia</i>	COUPLING HYDROGEN AND WASTEWATER THROUGH OXYGEN <i>Rickey Donald, Jacobs</i>		HEAVY METALS RECOVERY AND BIOCHAR PRODUCTION FROM BIOSOLIDS VIA INTEGRATED MILD ACID PRE-TREATMENT AND PYROLYSIS PROCESSES <i>Ibrahim Hakeem, RMIT University</i>	
1:20pm - 1:45pm	405	37	462	97	92	182	24		QUEENSLAND (1:25 - 1:40pm)	
	HOW WE CAN LEARN FROM THE POWER SECTOR IN REMOTE INDIGENOUS HOMELANDS SERVICE DELIVERY <i>Skye Haigh, Ekistica</i>	OPTIMISING WATER MANAGEMENT: INSIGHTS INTO LARGE-SCALE IOT DEPLOYMENT SUCCESS <i>Gerhard Loots, Kallipr</i>	BUILDING RESILIENCE THROUGH DEVELOPMENT OF A BIOSOLIDS MANAGEMENT SYSTEM (BMS) <i>Sonja Toft, Urban Utilities</i>	ASSET PERFORMANCE FRAMEWORK FOR WATER UTILITIES <i>Quang Ly, AECOM & Alexandra Rowan, Greater Western Water</i>	CREATING THE RIGHT ENVIRONMENT FOR CHANGE <i>Karla Halliday, Unitywater & Chris Cunningham, Covaris</i>	OPTIMISATION OF CHEMICAL DOSING IN SEWER NETWORKS THROUGH INTERNET OF THINGS <i>Jiuling Li, The University of Queensland</i>	WATER FOR HYDROGEN - WILL THERE BE ENOUGH TO SUPPORT THE ENERGY TRANSITION? <i>Simone Costello & Celeste Morgan, Arup</i>	THE "HOW" OF WATER IS LIFE <i>Presented by DEECA, Victoria</i>	NOVEL USAGES OF IRON SALTS FOR ACHIEVING SUSTAINABLE WATER MANAGEMENT <i>Zhetai Hu, The University of Queensland</i>	Film Vignettes & Panel Discussion
1:45pm - 2:10pm	117	94	423	216	312	225	331	73	SOUTH AUSTRALIA (1:40 - 1:55pm)	OUR BLUE WORLD - A WATER ODYSSEY: Telling Stories to Elevate the Value of Water
	VOLUNTEERS ENABLING INDUSTRY CAPABILITY GROWTH FOR WATER CORPORATIONS USING A PUBLIC AND PRIVATE PARTNERING MODEL <i>Angela Kelly, AECOM & Melissa Barras, Coliban Water</i>	BREAKING DOWN DIGITAL SILOS FOR CENTRALISED REPORTING AND IMPROVED OPERATIONAL PERFORMANCE <i>Quentin Griffiths, Lutra Limited</i>	CASTING THE NET - A BAYESIAN NETWORK MODEL TO PRIORITISE CONTAMINANTS OF EMERGING CONCERN <i>Abigail Morrow & Ashley Sneddon, Hunter Water</i>	STEP FORWARD IN LEVERAGING DATA DRIVEN RENEWALS PLANNING <i>Sarah Lockhart, Arcadis & Deeksha Kumar, Urban Utilities</i>	OPTIMISING SERVICE DELIVERY: CENTRAL COAST COUNCIL'S STEP CHANGE PROGRAM <i>Frederic Blin, AECOM and Rex Haydon, Central Coast Council</i>	REMOTE DETECTION OF HYDRANT USAGE FOR REDUCING NON-REVENUE WATER CONSUMPTION <i>Ninad Dharmadhikari, South East Water</i> ★	HARVESTING HYDROGEN: A WATER-CENTRIC APPROACH TO ADVANCING GREEN ENERGY PRODUCTION <i>Stefania Hurtado & Savas Hiras, Jacobs</i>	ADDRESSING THE GAP: SUPPORTING ENVIRONMENTAL VALUES THROUGH PARTNERSHIP WITH WURUNDJERI WOJ-WURRUNG <i>Elder Ron Jones & Elder Allan Wandin, Wurundjeri WoJ-wurrung Cultural Heritage Aboriginal Corporation, Natalie Hackett, Yarra Valley Water & Amanda Goldfarb, Jacobs</i> ★	NEW WATER TREATMENT AND COAGULANT DOSE CONTROL SYSTEMS FOR DWTPS: FDOM FLUORESCENCE SIGNAL CORRECTIONS FOR ENVIRONMENTAL-MONITORING AND COAGULANT DOSE CONTROL <i>Hiua Daraei, Griffith University</i>	3:45 - 5:00PM
2:10pm - 2:35pm	326	56	410	351	80	176	294	51	WESTERN AUSTRALIA (1:55 - 2:10pm)	
	SYDNEY WATER'S ADAPTIVE STRATEGY TO RESTORE CONFIDENCE IN WALGETT'S DRINKING WATER SUPPLY <i>Giyani Dharmadasa & James Gourley, Sydney Water</i>	OPERATIONS INTELLIGENCE - DEVELOPMENT OF UTILITY WIDE OPERATIONAL INFORMATION PLATFORM <i>Bradley Shand, Water Corporation</i>	UNRAVELLING THE PFAS CONUNDRUM: PFAS FATE EXPLORED THROUGH BIOSOLIDS PYROLYSIS & CO-PYROLYSIS <i>Nimesha Rathnayke & Prof. Kalpit Shah, RMIT University</i>	ADDING A WATER QUALITY STRING TO LOGAN WATER'S DIGITAL BOW <i>Cameron Gould, Stantec & Jeremy Thomas, WSP/Logan Water</i>	INTEGRATED PLANNING AND DELIVERY: SOUTH EAST WATER'S NEW CAPITAL MODEL <i>Matt Snell & Nick Stetter, South East Water</i>	OPTIMISATION OF WASTEWATER TREATMENT PLANT OPERATIONS USING PRESCRIPTIVE ARTIFICIAL INTELLIGENCE <i>John Myers, Jacobs & Anthony Chan, Palantir Technologies</i>	ELECTROLYSER FOR H2 PRODUCTION - THE DO AND DO NOT. A PRACTICAL GUIDE FOR PRACTITIONERS <i>Francois Aguey-Zinsou, The University of Sydney</i>	THE JOURNEY TO UNDERSTAND AND CHAMPION FIRST NATIONS KNOWLEDGE AND APPROACHES <i>Julia Stanley & Kiri Tawhai, Barwon Water & Corrina Eccles, Wadawurrung Traditional Owners Aboriginal Corporation</i>	DEEP LEARNING FOR PROGNOSTICS OF WASTEWATER TREATMENT FACILITIES <i>Maria Alvi, The University of Western Australia</i>	Connecting people to the true value of water is the greatest challenge we face in solving the global water crisis
2:35pm - 3:00pm	349	95	417	167	235	276	431	285	NEW SOUTH WALES (2:10pm - 2:25pm)	
	WORKING IN PARTNERSHIP WITH REMOTE INDIGENOUS COMMUNITIES <i>Tim Pitcher, Veolia</i>	DELIVERING INFORMATION WITHIN A GEOSPATIAL CONTEXT BOOSTS EFFICIENCY FOR SYDNEY WATERS D4C <i>Andrew Harris, InEight & Henry Okraglik, WSP</i>	PONG VS. PFAS: BIOSOLIDS MARKET RISKS, WHAT ARE THEY & HOW CAN WE MITIGATE THEM? <i>Lauren Randall, Hunter Water & Laura McCallum, Verterra</i>	REDUCING SEWER CORROSION VIA MODEL-BASED VENTILATION CONTROL <i>Jiuling Li, The University of Queensland</i>	CREATING AN ECOSYSTEM OF SUCCESS FOR OUR FUTURE OPERATORS & MAINTAINERS <i>Sean Askew, Bundaberg Regional Council</i>	REAL TIME SCADA ANALYTICS TAILORED FOR MANAGERS AND ENGINEERS - ODASA <i>Andrew McVey, Shoalhaven City Council & Stuart Street, SAFEgroup Automation</i> ★	HYDROGEN ECONOMY BASED TREATMENT OF MANUFACTURED WATER <i>Arash Zamyadi, Monash University</i>	SUSTAINABLE WATER AND SEWER SERVICES FOR INDIGENOUS COMMUNITIES <i>Stephen Martin, Palm Island Aboriginal Shire Council</i> ★	AN INNOVATIVE TECHNOLOGY FOR REMOVING EMERGING CONTAMINANTS & MAXIMISING BIOENERGY RECOVERY FROM WASTEWATER TREATMENT PLANTS <i>Ting Zhou, University of Technology Sydney</i>	
3:00pm - 3:50pm	AFTERNOON TEA - Exhibition Hall									
3:50pm - 5:20pm	WORKSHOP	WORKSHOP	PANEL	WORKSHOP	WORKSHOP	PANEL	PANEL	PANEL	PANEL	Film Screening cont.
	Room 220	Room 219	Room 218	Room 212	Room 210	Room 217	Room 216	Room 213	Room 211	PLENARY ROOM
	Click here for more Workshop & Panel information! ROLE OF WATER IN A SUSTAINABLE FUTURE: ADVANCING CIRCULAR ECONOMY STRATEGIES FOR REGIONAL PROSPERITY Tessele Consultants	WATER BLOCKCHAIN WORKSHOP Arup	BUILD IT AND THEY WILL COME. BREAKING DOWN EMPLOYMENT BARRIERS FOR PEOPLE WITH DISABILITIES WaterAble & Greater Western Water	WATER EFFICIENCY AS A DROUGHT RESPONSE; THE GOOD, THE BAD AND THE UGLY AWA Water Efficiency Specialist Network	HOW TO ADAPT AND ADOPT SOCIAL LICENSE IN THE WATER INDUSTRY? WaterRA	BALANCING WATER SECURITY AND AFFORDABILITY: LESSONS FROM VICTORIAN WATER BUSINESSES FTI Consulting	WATER HERITAGE - ITS ROLE IN SUSTAINABLY ADDRESSING THE WATER CHALLENGES OF THE PRESENT AND FUTURE Extent Heritage / ICOMOS ISCWATER	MANAGING BIOSOLIDS IN AN UNCERTAIN FUTURE: RESOURCE RECOVERY, RISK, REGULATION AND RESILIENCE Australia New Zealand Biosolids Partnership	CARBON CREDITS IN THE WATER SECTOR Aurecon	Film screening continued
	WP28	WP4	WP15	WP11	WP33	WP14	WP13	WP3	WP7	
5:20pm - 6:20pm	HAPPY HOUR - Exhibition Hall									



★ Indicates Top Paper

DAY TWO PLENARY SESSION								
MORNING TEA - Exhibition Hall								
Stream 1	Stream 2	Stream 3	Stream 4	Stream 5	Stream 6	Stream 7	Stream 8	
Room 212	Room 216	Room 213	Room 217	Room 218	Room 219	Room 203/204	Room 211	
ASSET MANAGEMENT, PLANNING & DELIVERY	PEOPLE, CULTURE, DIVERSITY, INCLUSION & EQUITY	THE WATER NEXUS: ACHIEVING A CIRCULAR ECONOMY	FIRST NATIONS PEOPLE KNOWLEDGE & PARTICIPATION	LEADERSHIP IN GOVERNANCE & PROGRESSIVE REGULATION	DELIVERING EXCELLENCE IN CUSTOMER EXPERIENCE	INTERNATIONAL DEVELOPMENT STREAM	WATER SERVICES ASSOCIATION AUSTRALIA STREAM	
DIGITAL OPTIMISATION	ORGANISATIONAL CULTURAL	RESOURCE RECOVERY	INCORPORATING FIRST NATIONS SCIENCE	EXTERNAL EFFORTS	SOCIAL LICENCE IN FOCUS			
8:30am - 9:45am								
9:45am - 10:35am								
10:35am - 10:45am	168	6	419	215	26	ENABLING SOCIAL LICENSE FROM THE INSIDE OUT Presented by Assent Communications & Seqwater	UNITING WATER LEADERS ACROSS OUR REGION	THE DECADE THAT MATTERS: INVESTMENT, CLIMATE, TECHNOLOGY
	DIGITAL INNOVATION IN ASSET RISK MANAGEMENT : LEVERAGING FME SOFTWARE AND DATA SCIENCE WORKFLOWS <i>John Paul Hunter & Jessie Huang, South East Water</i>	NEURODIVERSITY: THE UNTAPPED SOLUTION TO THE FUTURE OF THE WATER INDUSTRY <i>Daniel Visser, GHD</i>	EMERGE SOIL PRODUCTS - DEVELOPING PREMIUM PRODUCTS AND BRAND FROM WATER AND WASTEWATER RESIDUALS <i>Rob Tinholt, Watercare NZ</i>	INDIGENOUS-LED YOUTH OUTREACH USING REAL-WORLD COMMUNITY WATER ENGINEERING CHALLENGES <i>Josh MacLeod, Engineers Without Borders</i>	WATER AND WASTEWATER INFRASTRUCTURE FOR A NEW CITY IN SEQ - CHALLENGES AND SUCCESS IN SUPPORTING GROWTH <i>Loren Ogston, Unitywater</i>			
10:45am - 11:10am	153	211	443	305	297			
	INTEGRATED OPTIMISATION OF WATER MAIN RENEWALS AND CAPITAL IMPROVEMENTS TO MINIMISE LIFE-CYCLE COST <i>Andrew Faulkner, WCS Engineering & James Miller, Unitywater</i> ★	CREATIVITY OVER CAPITAL, POWERED BY PEOPLE - ACCELERATING CONTINUOUS IMPROVEMENT AT HUNTER WATER <i>Andy Olich, Hunter Water</i>	ALUM IN VICTORIAS WATER SECTOR: NAVIGATING CIRCULAR CHALLENGES <i>Greg Finlayson, GHD & Murray Dancey, Wannon Water</i>	UNDERSTANDING HOW WE CAN IMPROVE THE INCORPORATION OF FIRST NATIONS KNOWLEDGE INTO TECHNICAL WATER PROJECTS <i>Jamie Kaye, Water Technology</i> ★	GAMIFICATION OF SEDIMENT AND NUTRIENT TRADING ON CATCHMENT DIGITAL TWIN <i>Abel Immaraj, Aurecon & Katrina Donaghy, Civic Ledger</i>			
11:10am - 11:35am	236	301	214	308	288			
	CAN INFILTRATION & INFLOW ASSESSMENTS BE AUTOMATED – THE CHALLENGES <i>Peter Stephens, Mott Macdonald</i>	SHAPING A CONSTRUCTIVE AND SAFE PLACE TO WORK THROUGH STRATEGIC CULTURAL CHANGE <i>Elizabeth Bassett & Victoria Chow, Unitywater</i>	PANNING FOR COAGULANT FROM OUR DRINKING WATER TREATMENT SLUDGE <i>Florence Choo, SA Water</i>	RESTORING URBAN BILLABONGS IN PARTNERSHIP WITH WURUNDJERI WOI-WURRUNG TRADITIONAL OWNERS <i>Rephael Lankri, Wurundjeri Woi-Wurrung Cultural Heritage Aboriginal Corporation & Dr. Joe Greet, University of Melbourne</i>	FROM HAVELOCK NORTH TO NOW, WHERE IS AOTEROA WITH WATER REFORMS? <i>Ulrich Glasner, Aurecon, Teresa Wooding, Independant Consultant NZ</i>			
11:35am - 12:00pm	58	435	201	130	450			
	USING CCTV DATA AND STACKING ENSEMBLE MODEL FOR SEWER MAIN STRUCTURAL INTEGRITY PREDICTION <i>Chinedu Ossai, Unitywater</i> ★	BELONGING FRAMEWORK & MODEL - GETTING BACK TO THE "WHY" <i>Shae Abel, Melbourne Water</i>	ALUM SLUDGE: IT IS NOT A WASTE IF IT IS VALUABLE <i>Rodrigo Marquina, Goulburn Valley Water</i>	TWO-WAY SCIENCE - PARTNERING WITH SCHOOLS IN THE APY LANDS TO DISCOVER AND SHARE WATER STORIES <i>Jade Cornish, SA Water & Patrick Naughtin, Atria Group</i>	TRANSFORMING THE WATER SECTOR IN VICTORIA: A COMPARISON OF TWO APPROACHES TO INTEGRATED WATER MANAGEMENT <i>Chris Chesterfield, Monash Sustainable Development Institute</i>			
12:00pm - 1:10pm	LUNCH - Exhibition Hall							

★ Indicates Top Paper

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5	Stream 6	Stream 7	Stream 8	Stream 9
	Room 220	Room 218	Room 217	Room 219	Room 216	Room 213	Room 212	Room 203/204	Room 211
	THE WATER NEXUS: ACHIEVING A CIRCULAR ECONOMY	COMMUNITIES OF THE FUTURE	THE WATER NEXUS: ACHIEVING A CIRCULAR ECONOMY	PREPARING FOR CLIMATE CHANGE & EXTREME EVENTS	SUPPORTING HEALTHY COMMUNITIES & ENVIRONMENTS	ASSET MANAGEMENT, PLANNING & DELIVERY	RURAL, REMOTE & REGIONAL WATER		
	NET ZERO	DELIVERING SOLUTIONS	RESOURCE RECOVERY	PLANNING FOR RESPONSE	TRANSFORMING ENVIRONMENTS	USING AI TOOLS	WATER ACCESS SOLUTIONS	INTERNATIONAL DEVELOPMENT STREAM	WATER SERVICES ASSOCIATION AUSTRALIA STREAM
1:10pm - 1:20pm	459	233	247	145	465	300	407		
	NET ZERO EMISSIONS IN 2025: YARRA VALLEY WATER'S CASE FOR MORE ORGANIC WASTE TO ENERGY <i>Ashley Naylor, Yarra Valley Water & Brandon Bloom, GHD</i>	STORMWATER HARVESTING PARTNERSHIP FUND: LESSONS FOR A GREENER WEST <i>Sam Innes, Greater Western Water</i>	EMERGING CONTAMINANTS AND THE CIRCULAR ECONOMY, IS THERMAL TREATMENT TRULY THE SOLUTION? A THOUGHT PIECE <i>Azaria Rahardjo, Aurecon</i>	INTEGRATED ASSET RISK ASSESSMENT FOR CLIMATE CHANGE ADAPTATION <i>Dr Lisa Ehrenfried & Katelyn Hamilton, Yarra Valley Water</i>	ALTERNATIVE WATER SOURCES FOR ENVIRONMENTAL FLOW DEFICITS – A WICKED PROBLEM <i>David May, GHD</i>	AN AI CRYSTAL BALL - ENHANCING CAPITAL PROGRAM EFFICIENCY <i>Sam Schuppan, KBR</i>	SUPPORTING THE IMPLEMENTATION OF DRINKING WATER MANAGEMENT SYSTEMS IN NSW, AUSTRALIA <i>Zenah Bradford-Hartke, NSW Health</i>		
1:20pm - 1:45pm	446	164	114	358	16	259	357		
	A COMPREHENSIVE EVALUATION OF ENERGY RECOVERY AND FUGITIVE EMISSIONS IN A FULL-SCALE WWTP TOWARDS NET-ZERO EMISSIONS <i>Kaili Li, The University of Queensland</i>	IS MELBOURNE THE WORLD'S MOST WATER SENSITIVE CITY? MEASURING OUR PROGRESS IN INTEGRATED WATER MANAGEMENT <i>Celeste Morgan, Arup</i>	BIOCHAR TO BATTERIES; HARNESSING WATER BYPRODUCTS FOR SUSTAINABLE ENERGY STORAGE <i>Michael Thomas & James Moverley, Barwon Water, Prof. Kalpit Shah, RMIT & Prof. Nolene Byrne, Deakin University</i>	HOW PARTNERSHIP INNOVATION CAN DRIVE POSITIVE CARBON CULTURE IN WATER ENGINEERING <i>Najah Onn, CMP Consulting Australia</i>	BUILDING RESILIENCE IN URBAN WATERWAYS UNDER URBAN GROWTH AND CLIMATE CHANGE: MONBULK CREEK SMART WATER NETWORKS <i>Tim Fletcher, The University of Melbourne & Rhys Coleman, Melbourne Water</i>	A NEXT GENERATION DEMAND FORECASTING SOLUTION FOR SA WATER <i>Alana Duncker, Stantec Australia & Steve Kotz, SA Water</i>	RECYCLED WATER LAND SUITABILITY ASSESSMENT TOOL - SUPPORTING SEWER MASTER PLANNING ACROSS TASMANIA WITH GEOSPATIAL ANALYSIS <i>Belinda Maxwell, WSP & TasWater CDO</i>		
1:45pm - 2: 10pm	121	370	27	249	49	264	346		
	WE ARE ALL IN THIS TOGETHER - ACHIEVING NET ZERO EMISSIONS <i>Elliot Cichero & Jean Davis, Sydney Water</i>	FROM EWWW TO HMM: CHANGING COMMUNITY ATTITUDES TOWARDS PRW IN ORANGE, NSW <i>Jake Gerrard, Aurecon</i>	NAVIGATING UNCERTAINTY AND COMPLEXITY IN BIOSOLIDS STRATEGY <i>Amanda Binks, Unitywater</i>	HAZARDS, EXPOSURE & VULNERABILITY FOR ROBUST CLIMATE CHANGE RISK AND ADAPTATION ASSESSMENT <i>Tara Wolff, Urban Utilities & Emma O'Neil, Aurecon</i>	ECOLOGICAL TRANSFORMATION - HOW SYDNEY DESALINATION PLANT SUPPORTS LOCAL ENVIRONMENTAL INITIATIVES <i>Louise Tsang, Sydney Desalination Plant & Colin Storey, Veolia Water - Kurnell Desalination Plant</i>	FINDING AND QUANTIFYING HYDRANT NON-REVENUE WATER <i>Gareth Williams, SensorClean.ai</i>	WATER FROM AIR: HARNESSING THE SUN TO GENERATE DRINKING WATER AT THE POINT OF NEED <i>Shannon Lemanski & Andrew Warner, Aqua Ubique</i>	Click to see more	Click here for more
2:10pm - 2:35pm	430	160	126	319	14	20	9		
	TOWARDS NET-ZERO CARBON UTILITIES CHALLENGES AND OPPORTUNITIES <i>Liu Ye, The University of Queensland</i>	DESIGN OF HABITAT RESTORATION WETLANDS FOR ENDANGERED SPECIES <i>Peter Sandercock, Jacobs & Natalie Hackett, Yarra Valley Water</i>	ALTERNATIVE BIOSOLIDS MANAGEMENT APPROACHES - IMPACTS ON GREENHOUSE GAS EMISSIONS <i>Daniel Starrenburg, Stantec & Shao Yap, City of Gold Coast</i>	PRIORITISING CLIMATE CHANGE ADAPTATION DECISIONS BASED ON THE QUANTIFICATION OF REGRET COSTS <i>Luther Uthakumaran & Jonathan Dixon, Sydney Water & Golam Kibria, WaterNSW</i>	SEATOSOURCE: EMPOWERING THE COMMUNITY TO PROTECT WATERWAYS FLOWING INTO THE GREAT BARRIER REEF AND GREAT SOUTHERN REEF <i>Fanny de Busserolles, Conservation Volunteers Australia</i>	HOW CAN AI ASSIST IN INCREASING PUMP EFFICIENCY AND REDUCING ENERGY COST <i>Freddie Coertze, IFM</i>	ENERGY EFFICIENT PHOTOTROPHIC WASTEWATER TREATMENT FOR REUSE <i>Soner Bekir, Algaesys</i>		
2:35pm - 3:00pm	336	400	381	46	437		330		
	OPPORTUNITIES FOR FUNDING CIRCULAR <i>Ben Mason, Frontier Economics</i>	MEASURING AND VALUING RESILIENCE TO ALL HAZARDS <i>Kathryn Silvester & Elliot Cichero, Sydney Water</i>	BIOSOLIDS-DERIVED BIOCHAR FOR LAND APPLICATION: HEAVY METALS AND PHOSPHORUS RECOVERY <i>Ibrahim Hakeem, RMIT University</i>	RENEWABLE ENERGY GENERATION AT MELBOURNE WATER <i>Ian Royston, Melbourne Water</i>	20 YEARS OF ADAPTIVE MANAGEMENT, BALANCING TREATMENT AND WILDLIFE AT A RAMSAR-LISTED WASTEWATER TREATMENT PLANT <i>Suelin Haynes & William Steele, Melbourne Water</i>		OPERATIONAL PERFORMANCE OF A DEMONSTRATION SCALE UP-FLOW ANAEROBIC SLUDGE BLANKET DIGESTER TREATING DOMESTIC SEWAGE <i>Dr Andrew Ward, The University of Queensland</i>		
3:00pm - 3:50pm	AFTERNOON TEA - Exhibition Hall								
3:50pm - 5:20pm	WORKSHOP	PANEL	PANEL	WORKSHOP	PANEL	PANEL	PANEL	PANEL	PANEL
	Room 220	Room 213	Room 217	Room 219	Room 216	Room 210	Room 203/204	Room 212	Room 211
Click here for more Workshop & Panel information!	LEAPFROGGING CLIMATE CHANGE Sydney Water	DEVELOPING A WATER-RESPONSIBLE AND CIRCULAR HYDROGEN ECONOMY WaterRA	PAY NOW OR PAY LATER AWA Water Quality Specialist Network	ADVANCING FIRST NATIONS PROCUREMENT THROUGH THE 3Cs OF SUPPLIER DIVERSITY Arup & iDiC	SETTING THE COURSE: THE INESCAPABLE AND CRITICAL AGENDA FOR RESPONSIBLE AI IN WATER UTILITIES SpiralData	A SHIFT TO GREEN SOLUTIONS - WHAT ROLE CAN NATURE-BASED SOLUTIONS PLAY FOR FUTURE WATER INFRASTRUCTURE? Pacific Biotechnologies Australia	DEVELOPING A WATER-RESPONSIBLE AND CIRCULAR HYDROGEN ECONOMY IWAA	KEEPING THE LID ON ODOUR AWA Operations Specialist Network	INTERNATIONAL PERSPECTIVES: COLLABORATION AND OPPORTUNITIES Water Services Association Australia
	WP26	WP31	WP8	WP5	WP25	WP22	IWAA	WP9	Click here for More Info
6:30pm - 11:00pm	Ozwater'24 Gala Dinner and Australian Water Awards (Ticket Required)								

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DAY THREE PLENARY SESSION								
MORNING TEA - Exhibition Hall								
	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5	Stream 6	Stream 7	Stream 8
	Room 218	Room 217	Room 203/204	Room 220	Room 216	Room 213	Room 212	Room 211
	PREPARING FOR CLIMATE CHANGE & EXTREME EVENTS	EXCELLENCE IN OPERATIONS	COMMUNITIES OF THE FUTURE	RESILIENCE & WATER SECURITY FOR THE FUTURE	RESILIENCE & WATER SECURITY FOR THE FUTURE	EXCELLENCE IN OPERATIONS	FIRST NATIONS PEOPLE KNOWLEDGE & PARTICIPATION	PEOPLE, CULTURE, DIVERSITY, INCLUSION & EQUITY
	DECARBONISATION	 MACHINE LEARNING IN ACTION <small>A Siemens Business</small>	PLANNING FOR THE FUTURE	PURIFIED RECYCLED WATER	 ADAPTIVE PLANNING	STORMWATER	PARTNERING & IMPLEMENTATION FOR SELF-DETERMINATION	NEURODIVERSITY IN THE WATER SECTOR
9:00am - 10:30am								
10:30am - 11:15am								
11:15am - 11:25am	397	282	132		386	155		
	THE (LONG) ROAD TO DECARBONISATION - HOW UK WATER COMPANIES ARE PAVING THE WAY <i>Dr. Emma Plant, Mott Macdonald</i>	ENHANCING WASTEWATER TREATMENT PLANT ENERGY EFFICIENCY USING ADVANCED COMPUTATIONAL SOLUTIONS <i>Midhat Choudhary, Suez together with SA Water</i>	VALUING RECREATION AT RESERVOIR RESERVE - A RETURN-ON-INVESTMENT ANALYSIS <i>James Crocker, SA Water</i>		EXPLORING FUTURES FOR THE SEQ WATER GRID WITH OPTIMISATION <i>James Innes, Stantec</i>	INNOVATIVE FLOOD MITIGATION SOLUTIONS: MODELLING PERMEABLE PAVEMENT CONVERSION TO QUANTIFY POTENTIAL BENEFITS <i>Xinyun Zhang, GHD & Helena Chan, Melbourne Water</i>		
11:25pm - 11:50pm	110	171	433	81	154	287		
	THE CARBON FOOTPRINT OF TREATMENT FACILITIES OF THE WATER SECTOR SIGNIFICANTLY VARIES WITH TREATMENT PROCESSES <i>Qi Bi, Veolia</i>	THE PERCEPTION OF AI FROM THE OPERATOR EYE <i>Dr Andrea Gonzalez, Aurecon</i>	COLLABORATIVE INTEGRATED WATER MANAGEMENT PLANNING IN PRACTICE: THE MELTON EAST PRECINCT STRUCTURE PLAN <i>Nigel Corby, Spiire</i>	THE EVOLVING "WATERVAL PROTOCOL" APPROACH TO PURIFIED RECYCLED WATER CHEMICAL WATER RISK MANAGEMENT <i>Cherry Wang, Veolia</i>	BRIDGING THE GAP WITH NEW IWM HYDRAULIC HEADWORKS PLANNING MODEL <i>Reem Obeid & Xiaojian Wang, SA Water</i> ★	THE POND HALF FULL - SMART TECH FOR IMPROVING FLOOD MANAGEMENT <i>Dr. Tom Headley, WET Systems & Michael Di Matteo, KBR</i>		
11:50pm - 12:15pm	179	55	384		222	75		
	NAVIGATING SUSTAINABILITY: JOURNEY TO REDUCING SCOPE 3 EMISSIONS IN CONSTRUCTION <i>Sopheha Eng, Yarra Valley Water & James Wilkinson, Jacobs</i>	IMPLEMENTATION OF MACHINE LEARNING MODEL TO CENTRIFUGE PERFORMANCE <i>Bradley Shand & Sarada M. W. Lee, Water Corporation</i> ★	CLIMATE RESILIENT, GREEN AND COOL - A TOTAL WATER CYCLE STRATEGY <i>Julia St Hilaire, GHD</i>	PRW TREATMENT VALIDATION The next step in building community and regulator confidence	ADAPTIVE PLANNING AND MANAGEMENT TOWARDS DELIVERING TOTAL WATER CYCLE RESILIENCE <i>Zac Foy, Urban Utilities</i>	TRANSITIONING FROM A COASTAL COMMUNITY TO AN ECO-SENSITIVE CITY <i>Raju Mangalam, Sydney Water, Mark Wilton, Aurecon & Arash Jafari, Arup</i>	Click for More	Click for More
12:15pm - 12:400pm	376	391	70		434	243		
	CONSIDERING CARBON TO ACCELERATE CLIMATE COMMITMENTS <i>Sally Williamson, Aurecon & Gill Fowler, Sydney Water</i>	PREDICT-THEN-OPTIMISE STRATEGIES FOR WATER FLOW CONTROL <i>Vincent Barbosa Vaz, South East Water</i>	BIOSOLIDS COMPOSTING INITIATIVE: A COLLABORATIVE END-USER FOCUSED APPROACH TO BIOSOLIDS TREATMENT AND BENEFICIAL USE <i>Ramraj Kulkarni, Unitywater & Glenn Dale, Verterra/Queensland University of Technology</i>	PANEL SESSION	MOVING ADAPTIVELY FROM MODELS TO DECISION TABLES <i>Dr. Samuel Skinner, Aurecon</i> ★	CIRCULAR ECONOMY APPROACHES TO STORMWATER AND INTEGRATED WATER CYCLE MANAGEMENT <i>Peter Gillam, Aurecon</i>		
12:40pm - 2:00pm	LUNCH - Exhibition Hall							

★ Indicates Top Paper

LUNCH - Exhibition Hall								
	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5	Stream 6	Stream 7	Stream 8
	Room 216	Room 220	Room 219	Room 213	Room 218	Room 217	Room 212	Room 203/204
	RESILIENCE & WATER SECURITY FOR THE FUTURE	EXCELLENCE IN OPERATIONS	ASSET MANAGEMENT, PLANNING & DELIVERY	EXCELLENCE IN OPERATIONS	SUPPORTING HEALTHY COMMUNITIES AND THE ENVIRONMENT	RESILIENCE & WATER SECURITY FOR THE FUTURE	FIRST NATIONS PEOPLE KNOWLEDGE & PARTICIPATION	AURECON PARTNER STREAM
	WATER EFFICIENCY & CONSERVATION	LEVERAGING DIGITAL	CARBON IN FOCUS	DATA; THE KEY	ENVIRONMENT & TREATMENT	PLANNING FRAMEWORKS	PARTNERING & IMPLEMENTATION FOR SELF-DETERMINATION	CHALLENGING CONVERSATIONS
12:40pm - 2:00pm								
2:00pm - 2:10pm	91	389	12	115				
	THE BASIX WATER REVIEW - AN OPPORTUNITY TO IMPROVE SUSTAINABLE WATER MANAGEMENT AND DROUGHT RESILIENCE <i>Amanda Chimkievitch, Department of Climate Change, Energy, the Environment and Water & Simon Fane, Institute for Sustainable Futures</i>	DIGITAL TRANSFORMATION OF WATER UTILITIES <i>Amber Murphy, Beca HunterH20 & Andrew Murray, SA Water</i>	WATER AS A BATTERY <i>John Ferguson, Danfoss Climate Solutions</i>	VIRTUAL SUBMETERING: TO MAKE ENERGY EFFICIENCY PROGRAMS EASIER AND FASTER <i>Amar Babuta, Veolia</i>				
2:10pm - 2:35pm	445	418	280	332	399	87		
	WATER EFFICIENCY BENCHMARKING FOR THE NON-RESIDENTIAL SECTOR <i>Chris Philpot, The Water Conservancy and Steve Askew, Hunter Water</i>	IMPROVING EFFICIENCY AND SERVICE LEVEL WITH LEETON'S DIGITAL TWIN <i>Gerard Simms, Leeton Shire Council & Luke Butler, Qatium</i>	PUTTING IT ON THE LINE... INCENTIVISING CARBON REDUCTION IN THE CONSTRUCTION INDUSTRY <i>Stuart Bird, Watercare & Kip Cooper, Beca HunterH20</i>	OT CYBERSECURITY FOR MORTALS <i>Silvia Vlad, Jacobs</i>	MALENY STP - A DECADE OF BALANCING NATURE AND TECHNOLOGY TO ACHIEVE COMMUNITY AND STRATEGIC EXPECTATIONS <i>Jacinta Allen & Scott Lowe, Unitywater</i>	ASSESSING THE CLIMATE RESILIENCE MATURITY OF WATER UTILITIES <i>Prof. Pierre Mukheibir, Institute of Sustainable Futures</i>	TRADITIONAL OWNERS WORKSHOP REFLECTIONS ON GOVERNMENT WATER POLICY, EFFICACY & WHATS NEXT?	WHAT DOES IT TAKE TO ACCELERATE TRANSITION TO A CIRCULAR ECONOMY PANEL SESSION
2:35pm - 3:00pm	213	240	62	333	385	88		
	OPTIMAL DEPLOYMENT OF SMART METERS WITH EMBEDDED SENSORS IN WATER NETWORKS <i>Rehan Mendis, Monash University & South East Water</i>	OPTIMISATION OF WASTEWATER TREATMENT PLANTS <i>Jonathan Elias, Siemens</i>	SEVEN SOLUTIONS FOR WATER AUTHORITIES TO REDUCE NITROUS OXIDE EMISSIONS FROM SEWAGE TREATMENT <i>Peter Wardrop & James Lloyd, Melbourne Water</i>	KEEPING OUR CRITICAL INFRASTRUCTURE SAFE: MITIGATING CYBER SECURITY RISK IN OPERATIONAL TECHNOLOGY <i>Jeremy Hulse, SAGE Group</i>	UNLOCKING THE POWER OF ENZYMES TO ELIMINATE POTENTIALLY TOXIC CYANOBACTERIA <i>Michael Askew, Waterzyne Australia</i>	VALUING WATER - A PRACTICAL METHODOLOGY OF BALANCING RISK AND COST FOR DROUGHT RESILIENCE <i>Jim Fear, Jacobs</i>	Click for More	Click for More
3:00pm - 3:25pm	317		150	5	207	90		
	ASSESSING THE EFFECTIVENESS OF MODULAR FLOATING COVERS FOR WATER RESOURCE MANAGEMENT <i>Deepak Mallya & Amber Adams, Barwon Water & Sha Hassan, Water Corporation</i>		WHAT IS DRY WEATHER FLOW? LEARNINGS FROM IMPACTS AND PLANNING FOR CLIMATE RESILIENCE <i>Alex Robertson, Sydney Water & Susan Kitching, Aurecon</i>	BEYOND DIGITAL: PROTECTING PUBLIC HEALTH FROM WATER SECTOR CYBERSECURITY RISKS <i>Daniel Visser, GHD</i>	USING RIPARIAN PROTECTION TO OFFSET TREATED WASTEWATER DISCHARGE <i>Kirsten Hogan, Goulburn Valley Water</i>	IS IT GETTING HOT IN HERE, OR IS IT JUST ME? <i>Adam Rotapel, KPMG</i>		
3:25pm - 4:30pm	CLOSING DRINKS - Level 2 Foyer							

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