

WEDNESDAY, 9 MAY 2018

0830 - 1000		KEYNOTE SPEAKER SESSION									
1000 - 1045		MORNING TEA									
Stream 1		Stream 2		Stream 3		Stream 4		Stream 5		Stream 6	
Excellence in Operations & Asset Management		Excellence in Operations & Asset Management		Strengthening Communities		Inspiring Change, People & Organisations in the Water Sector		Working with Customers		Servicing & Supporting Rural, Remote & Regional Areas	
Biosolids		Condition Assessment		Building Water Smart Communities				Next Generation Water Efficiency			
1045 - 1215	355 SLUDGE TREATMENT OPTIONS ANALYSIS: INTEGRATED ANALYSIS OF THERMAL HYDROLYSIS AND RECUPERATIVE THICKENING Richard Lovett Melbourne Water	370 A TARGETED APPROACH TO CONDITION ASSESSMENT OF SEWER RISING MAINS IN RESTRICTIVE ENVIRONMENTS Anna West SMEC	178 MORE THAN SEWAGE TREATMENT SERVICES - ADDING VALUE TO THE MALENY COMMUNITY Kylie Crouch, Unitywater Ramraj Kulkarni, Unitywater & Scott Lowe, Unitywater	Session in development		428 NEXT GENERATION WATER EFFICIENCY: LOOKING OVER THE HORIZON	337 SERVICING OF FRINGE DEVELOPMENTS THROUGH TEMPORARY WASTEWATER TREATMENT AND LAND IRRIGATION Tobias Chalmers Calibre Group				
	333 A HIDDEN GEM OR FOOLS GOLD: ADVANCED METHANE RECOVERY AT WASTEWATER TREATMENT PLANTS Mark Trickey, GHD Jackie Moss, Melbourne Water	46 APPLYING MODERN ASSESSMENT TECHNOLOGIES TO A HISTORIC WATER PUMPING STATION Lee Foster, Seqwater Rochelle Bosworth, Seqwater	418 GREEN SQUARE WATER REUSE - IMPLEMENTING DECENTRALISED STORMWATER RECYCLING IN SYDNEY'S NEW TOWN CENTRE Ebony Heslop City of Sydney			185 WATERFIX® STRATA PROVIDES SAVINGS FOR CUSTOMERS IN HI-RISE TOWERS Andre Boerema Sydney Water	166 SEPTIC TANKS VERSES THE SEWER RENEWAL PROGRAM Jon Theobald South East Water				
	329 MICROALGAE BASED WASTEWATER TREATMENT AND MICROALGAE BIOMASS OPPORTUNITIES Andrew Ward Queensland Urban Utilities	238 ANALYSIS OF ASBESTOS CEMENT PIPELINES WITH ALTERNATIVE TECHNOLOGIES Dr Mason Erkelens Detection Services	312 ENGAGING CITIZENS IN WATER SENSITIVE CITY TRANSITIONS: LESSONS FROM BENDIGO, VICTORIA Alex Gunn, Briony Rogers & Emma Church CRC for Water Sensitive Cities, Monash University			327 YARRA VALLEY WATER COMMUNITY HOUSING RETROFIT PROGRAM Belinda Goodwin Yarra Valley Water	425 RIGHT TECHNOLOGY, SMART ASSET INVESTMENT FOR REMOTE REGIONAL COUNCIL SEWAGE TREATMENT PLANTS Bob Ma Aquatec Maxcon				
1215 - 1315		LUNCH									
Excellence in Operations & Asset Management		Excellence in Operations & Asset Management		Strengthening Communities		Inspiring Change, People & Organisations in the Water Sector		Working with Customers		Servicing & Supporting Rural, Remote & Regional Areas	
Climate Risk		Data Analytics for Decision Making		Cool, Green Cities				Approaches to Improve the Customer Experience			
1315 - 1515	209 PROTECTING ONE OF SOUTH EAST QUEENSLAND'S MOST CRITICAL WATER SUPPLY ASSETS FROM CURRENT AND FUTURE CLIMATE RISK Cameron Wearing, Seqwater Lee Foster, Seqwater	274 DATA VISUALISATION - THE NEW CURRENCY OF THE WATER INDUSTRY Mark Rippon TasWater	397 ADELAIDE AIRPORT HEAT REDUCTION Greg Ingleton SA Water	Session in development		128 IMPROVING THE CUSTOMER EXPERIENCE TO DELIVER WORLD CLASS SERVICES FOR A BETTER LIFE Tania Davis SA Water	81 SECURING SAFE AND SUSTAINABLE DRINKING WATER SUPPLY IN REGIONAL COMMUNITIES UTILISING EDR TECHNOLOGY Jennine Finlayson SUEZ				
	120 DEVELOPING AN ENERGY STRATEGY FOR QUEENSLAND URBAN UTILITIES Glen Taylor Queensland Urban Utilities	386 COST RISK AND PERFORMANCE- SEWER MAIN INVESTMENT PLANNING Sagar Khadka Icon	356 FROM WASTELAND TO WATERWAY: WATERWAYS AS GREEN INFRASTRUCTURE Stuart Cleven Alluvium Consulting			222 BUILDING A STORYBANK: HARNESSING THE POWER OF STORIES TO REACH CUSTOMERS AND COMMUNITIES Matilda Bowra Foundry	26 BATTLING BLACKWATER (DEALING WITH WATER QUALITY ISSUES ASSOCIATED WITH FLOOD WATERS) David Cook SA Water				

99	A NEW SOLUTION FOR REAL-TIME FLOOD INTELLIGENCE IN NSW Galen Lewis, MHL	147	PIPELINE FAILURE DATA ANALYTICS AND PREDICTION Bin Liang, Data61, Gagneet Serai, Unitywater	45	GREENING THE PIPELINE – RE-PURPOSING A HERITAGE LISTED ASSET TO ENHANCE COMMUNITY WELL-BEING David Howard, GHD	89	WORKFORCE SKILLS OF THE FUTURE IN THE WATER SECTOR TO THE YEAR 2040 Peter Gee, WSAA, Dr Matt Pearce, KPMG	88	COMPLAINTS ARE A GIFT....A FRESH APPROACH TO COMPLAINT MANAGEMENT. Rachael Neumann, SA Water	86	AUTOMATED, RAPID MICROBIAL DETECTION SYSTEM FOR REMOTE TESTING OF E.COLI & COLIFORMS BACTERIA Doug Wilton, Tecta-PDS
483	DROUGHT RESPONSE PLANNING AND MAKING IT HAPPEN Dimity Lynas, Seqwater, Jim Fear, Seqwater	35	PRACTICAL WATER QUALITY FORECASTING IN DRINKING WATER SUPPLY STORAGE FOR OPERATIONAL DECISION MAKING Jason Antenucci, DHI Group	34	THE GOP GREEN GRID - MAKING SYDNEY'S NEW HEART COOLER AND GREENER Alan Hoban, Bligh Tanner, Phil Birtles, Sydney Water	151	DIGITAL MATURITY ROADMAP PROJECT Peter Gee, WSAA	49	THE REAL WORLD PROS AND PITFALLS OF ROBOCALLING James Garriock, Insync Surveys	102	STRESS OR JOY? CLONCURRY, REGIONAL QUEENSLAND - WATER SUPPLY CHALLENGES AND CONTINUAL IMPROVEMENT Tasleem Hasan (Viridis Consultants), Megan Anderson (Cloncurry Shire Council)

1515 - 1600

AFTERNOON TEA

	Excellence in Operations & Asset Management	Excellence in Operations & Asset Management	Strengthening Communities	Inspiring Change, People & Organisations in the Water Sector	Working with Customers	Servicing & Supporting Rural, Remote & Regional Areas					
	Energy Management	Condition Assessment	Demonstrating Value in Water Smart Cities		Real Life Case Studies in Water Efficiency						
377	FLOATING SOLAR ARRAYS: POWERING OFF-THE-GRID WATER TREATMENT PLANTS OF THE FUTURE Nikhil Khurana, GHD	70	ASSET MAINTENANCE AND THE VERIFICATION OF DRINKING WATER ASSET INTEGRITY USING DRONES Andrea Clement, Seqwater	<i>Session in development</i>	<i>Session in development</i>	<i>Session in development</i>	116	EVOLVING THE IAKWE SPIRIT – PLANNING WATER SERVICES IN THE MARSHALL ISLANDS Kristina Hermens, Beca			
286	MAKING EVERY DROP COUNT - HARNESSING HYDROELECTRICITY FROM MELBOURNE'S WATER SUPPLY Ian Royston, Melbourne Water	191	SEWER SCOUT - FLOATING DRONE 3D CONDITION ASSESSMENT OF SEWERS Steve Barclay, Sydney Water	224	BALLARAT CITY INTEGRATED WATER MANAGEMENT PLAN: A PROTOTYPE FOR URBAN AREAS AND REGIONAL CITIES John Frdelja, Central Highlands Water, Celeste Morgan, E2Designlab	389	BUILDING AN INNOVATION HUB TO INSPIRE A WORKFORCE AND ENGAGE A COMMUNITY Colin Chapman, Queensland Urban Utilities, Jason Dwyer, Queensland Urban Utilities	254	MACKAY REGIONAL COUNCIL - COST TO SERVE AND CUSTOMER EXPECTATIONS Linda Roberts, Mackay Regional Council	19	QUENCHING THE NEED FOR SAFE AND RELIABLE WATER IN REMOTE INDIGENOUS COMMUNITY Priyani Madan, Arup
472	DEVELOPMENT OF NOVEL SODIUM-ION BATTERIES FOR OPERATION OF SEWAGE PUMPING STATIONS: DETERMINING ENERGY REQUIREMENTS Jonathan Knott, University of Wollongong, Heriberto Bustamante, Sydney Water	155	ROBOTIC PIPE PROBE TESTING FOR H2S CONCRETE DEGRADATION Robert Ross, La Trobe University, Dean Barnett, Western Water, IWN	172	THRIVING COMMUNITIES – HOW CITY WEST WATER'S URBAN WATER STRATEGY IS DRIVING IMPROVED COMMUNITY HEALTH AND WELLBEING Elisa Hunter, City West Water	<i>Session in development</i>	372	LIVING WATER SMART IN DARWIN TO ACHIEVE FINANCIAL, SOCIAL AND ENVIRONMENTAL BENEFITS Jethro Laidlaw, Power and Water Corporation	143	OFF GRID POWER SOLUTIONS FOR WATER CHLORINATION – CUTTING EDGE TECHNOLOGY IN THE CITY OF LOGAN Chris Pipe-Martin, Logan City Council, Reg Bailey, Logan Water Infrastructure Alliance	

1830 - 2300

OZWATER'18 GALA DINNER & AUSTRALIAN WATER AWARDS NIGHT (TICKET REQUIRED)

* Correct at time of publication 24/11/2017