

TUESDAY, 8 MAY 2018

0830 - 1000		OPENING CEREMONY KEYNOTE ADDRESS										
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		Community Health & Wellbeing		Trends & Opportunities in Governance Policy, Regulation & Structure		Working with Customers		Global Perspectives		
Network Optimisation		Demand Management		Managing Public Health in the Regions		Dealing with Policy Development in an Uncertain World		Enhancing Customer Experience Through Transformation		Achieving SDGs		
1045 - 1215	78	313	158	193	59	192	DEVELOPMENT AND PILOT OF WATER MAIN THIRD PARTY CONSEQUENCE MODEL Duncan Sinclair, South East Water David Kelly, Jacobs	ONLINE PLANNING TOOL FOR SUSTAINABLE WATER DEMAND MANAGEMENT Marion Derochet, Mott MacDonald Nasrine Tomasi, Mott MacDonald	COLLABORATIVE IMPLEMENTATION OF DRINKING WATER MANAGEMENT PLANS THROUGH WATER QUALITY COMMITTEE MEETINGS Lisa Procter Hunterh2o	STRATEGIC THINKING – SCENARIO PLANNING FOR AN UNCERTAIN FUTURE Marcia Dawson, Sydney Water Magnus Moglia, CSIRO	WATER UTILITIES MUST VIEW TECHNOLOGY INNOVATION THROUGH A BUSINESS LENS Stuart Hartley EY	ONE SIZE DOESN'T FIT ALL: SCALING WATER SOLUTIONS TO ACHIEVE THE GLOBAL SUSTAINABLE DEVELOPMENT GOALS Shona Fitzgerald Sydney Water
	258	424	255	476	189	227	THE SMELL OF SUCCESS - ROSNY SEWER NETWORK ODOUR CONTROL OPTIMISATION James Benham TasWater	IMPROVING UNDERSTANDING OF WATER DEMAND DRIVERS AND THE IMPLICATIONS FOR MEDIUM AND LONG-TERM FORECASTING Russell Beatty	UNDERSTANDING AND OPTIMISING DISINFECTION PERFORMANCE IN A WATER SUPPLY NETWORK – CASE STUDY OF THE GLADSTONE REGIONAL COUNCIL'S THREE SCHEME NETWORK Roger Crozier, Stantec Neels Kloppers, Gladstone Regional Council	DISRUPTORS AND MEGATRENDS; IDENTIFYING EXTERNAL FACTORS FOR THE MELBOURNE SEWERAGE STRATEGY 2018 Simon Fane, Institute for Sustainable Futures UTS Laura Prickett, Yarra Valley Water	SYDNEY WATER'S CUSTOMER HUB: TOWARDS AN ENHANCED CUSTOMER EXPERIENCE Jonathan Hiscock, Sydney Water Darren Cash, Sydney Water	BRIDGING THE GAP: BUILDING HUMAN RESOURCE CAPACITY IN CAMBODIA FOR SUSTAINABLE DEVELOPMENT IN WASH SECTOR Fatima Shehata
	11	135	406	Session in development	471	6	CALCULATION OF ECONOMIC LEVEL OF LEAKAGE FOR UNITYWATER'S WATER SUPPLY NETWORK Ken Goraya Unitywater	ENHANCEMENTS AND VALIDATION OF A DEMAND FORECAST TOOL FOR SOUTH AUSTRALIA WATER CORPORATION Stantec	SUSTAINED IMPROVEMENT IN WATER QUALITY THROUGH APPLYING A PREVENTIVE RISK MANAGEMENT APPROACH Sandy Leask		MELBOURNE WATER DIGITAL CUSTOMER TRANSFORMATION Melbourne Water	ACCELERATING SDGS IN INDIA Radhika Ralhan
1215 - 1315		LUNCH										
Excellence in Operations & Asset Management		Excellence in Operations & Asset Management		Community Health & Wellbeing		Trends & Opportunities in Governance Policy, Regulation & Structure		Working with Customers		Global Perspectives		
Water Network Monitoring		Strategic Planning		Securing Public Health		IWCM: How do we pay for it & how do we regulate it?		What does it mean to be Customer Centric?		International Experience of Innovative Investment		
1315 - 1515	75	335	260	229	152	408	ADELAIDE CBD SMART WATER NETWORK Peter Seltsikas, SA Water Dr Helen Edmonds, SA Water	Session in development	A VISUAL TOOL COMBINING BEST PRACTICE OPERATIONS AND HEALTH BASED TARGETS Steve Westgate, TasWater Matthew Robertson, TasWater	HOW IS THE WATER SECTOR SUPPORTING AND CREATING SUSTAINABLE COMMUNITIES? Kevin Werksman EY	PERSONALISED & EMPATHETIC CUSTOMER MANAGEMENT - WHAT AUSTRALIAN WATER SECTOR CAN LEARN FROM GLOBAL EXPERIENCE Cassandra Hogan KPMG	ASSESSING THE LONG TERM INVESTMENT NEEDS OF THE UK WATER INDUSTRY - ARE WE DOING ENOUGH? George Heywood Servelec Technologies
	144	325	413	382	118	AN INNOVATIVE WATER CONTROL ROOM FOR THE GOULBURN BROKEN CATCHMENT MANAGEMENT AUTHORITY Brian Jackson Water Technology	PLANNING MELBOURNE WATER'S WATER, WASTEWATER AND STORMWATER NETWORKS FOR THE NEXT 50 YEARS Andy Chan, Melbourne Water Ryan Brotchie, GHD	PRACTICAL MONITORING AND AUTOMATED REPORTING ON HEALTH BASED TARGETS (HBT) Phil Wootton Allwater	SYSTEMS ANALYSIS AND BIG DATA REVEALS ECONOMIC EFFICIENCY OF SOLUTIONS AT MULTIPLE SCALES Professor Peter Coombes Urban Watercycle Solutions	YARRA VALLEY WATER CITIZENS' JURY David Snadden Yarra Valley Water	INTERNATIONAL COLLABORATION TO EVALUATE THE COSTS AND BENEFITS OF WATER INFRASTRUCTURE INVESTMENTS IN THE PHILIPPINES Nick Clarke, Aither Yang Villa, Metro Pacific Water	

162 EYES IN THE NETWORK – HOW THE ‘HYDRANT INSERTION DEVICE’ ENABLES GREATER REALTIME MONITORING Asoka Jayaratne Yarra Valley Water	180 EFFECTIVE RENEWALS PLANNING PROCESS WITH ROBUST INVESTMENT PLANNING FOR TREATMENT OPERATING ASSETS IN SYDNEY WATER Nandu Marathe, Sydney Water Konrad Kempe, Sydney Water	251 ATP. A TOOL FOR THE RAPID EVALUATION OF WATER QUALITY Benjamin Deeley TasWater	358 THE PERILS AND PITFALLS OF INTEGRATED WATER MANAGEMENT PLANNING IN VICTORIA’S NATIONAL EMPLOYMENT AND INNOVATION CLUSTERS Simon Roberts E2Designlab	241 #CUSTOMERSFIRST: A LOVE STORY Sophea Eng City West Water	321 REDUCING WASTEWATER OVERFLOWS: A PRAGMATIC APPROACH TO OPTIMIZE CAPITAL INVESTMENT IN CHRISTCHURCH Joel Wilson, WCS Engineering Bridget O’Brien, Christchurch City Council
368 ONLINE WATER QUALITY MONITORING AND INSTRUMENTS – THE VOICE OF EXPERIENCE Prof. Chris Chow School of Natural and Built Environments - University of South Australia	139 BRINGING OUR ASSET MANAGEMENT PLANS INTO THE MAINSTREAM Aneurin Hughes Logan Water Infrastructure Alliance	153 HAVELOCK NORTH WATER SUPPLY 2016 OUTBREAK Andrew Watson Beca	324 EFFECTS BASED ASSESSMENT FRAMEWORK FOR MANAGEMENT OF WET WEATHER SEWER OVERFLOWS Frances Rutledge Hunter Water	259 TASWATER’S APPROACH TO PUTTING CUSTOMERS AT THE HEART OF OUR LONG TERM STRATEGIC PLAN Eamon Sullivan TasWater	256 AN INNOVATION FRAMEWORK FOR THE PHILIPPINE WATER MARKET Monica Bennett, Isle Utilities Yang Villa, Isle Utilities

1515 - 1600

AFTERNOON TEA

	Excellence in Operations & Asset Management	Excellence in Operations & Asset Management	Community Health & Wellbeing	Trends & Opportunities in Governance Policy, Regulation & Structure	Working with Customers	Global Perspectives
	Water Network Monitoring	Environmental Management	Emerging Contaminants	Getting Investment Right	Are we Thinking about our Commercial Customers?	Waters Contribution to Energy Security
1600 - 1730	108 LEAK DETECTION IN THE ADELAIDE CBD WATER NETWORK USING PERMANENT ACOUSTIC MONITORING Mark Stephens SA Water	221 SIMPLE MODELLING OF WATER QUALITY RISKS TO WATERWAYS FROM WASTEWATER DISCHARGES Dr Bonnie Bonneville Jacobs	7 ENGINEERED NANOMATERIALS AND POTABLE REUSE - SHOULD WE BE CONCERNED ? Ian Law IBL Solutions	208 DEVELOPMENT OF AN INVESTMENT OPTIMISATION AND PRIORITISATION MODEL INCORPORATING CUSTOMER, REGULATOR AND BUSINESS PREFERENCES Tanu Kaur Jacobs	Session in development	177 SUSTAINABLY ADDRESSING THE ENERGY-WATER-FOOD NEXUS - DEVELOPMENT & DELIVERY OF THE SUNDROP FARMS GREENHOUSE PROJECT Lisa Chan John Holland
	196 MODELLING OF PRESSURE REDUCING VALVE (PRV) MODULATION IN RESPONSE TO TRANSIENT PRESSURES IN WATER SUPPLY SYSTEMS Rohan Naidu AECOM	223 A MODIFIED QWASI MODEL FOR PREDICTING FATE AND TRANSPORT OF MICROPOLLUTANTS IN A WASTEWATER LAGOON Yufei Wang RMIT University	42 EMERGING CONTAMINANTS AND MICROPOLLUTANTS: WHAT IMPACT DO THEY HAVE ON OUR HEALTH AND WELLBEING? Gabby Butera Arup	252 APPROACHES TO WATER REUSE PRICING - A REVIEW OF THE VICTORIAN EXPERIENCE UNDER PREMO V1 Rachel Watson Institute for Sustainable Futures, UTS		170 GROWING THE BAROSSA THROUGH CUSTOMER COLLABORATION Lynda Hamden SA Water
	165 CRAIGIEBURN SEWAGE TRANSFER HUB – SERVICING GROWTH THROUGH INNOVATION AND COLLABORATION Paul Patrick Yarra Valley Water	52 AN INNOVATIVE APPROACH TO VALUING ENVIRONMENTAL IMPACTS OF SEWAGE SPILLS Duncan Sinclair South East Water	218 OPTIONS AND CHALLENGES FOR PFAS REMOVAL IN WATER TREATMENT Dr Yaode Yan Hunterh2o	115 AUSTRALIAN URBAN WATER RESEARCH – COSTS, BENEFITS AND A SMARTER FUNDING MODEL Peter Dillon	87 ADVANCING WATER CONSERVATION – CASE STUDIES FROM THE AUSTRALIAN MEAT PROCESSING CORPORATION Jane Gaffel The Ecoefficiency Group	297 LISMORE SEWAGE TREATMENT PLANT REALIZES AUSTRALIA’S FIRST COMMUNITY FUNDED, COUNCIL OWNED FLOATING SOLAR SYSTEM

1730 - 1830

HAPPY HOUR AT THE CLUBHOUSE IN EXHIBITION HALL

* Correct at time of publication 24/11/2017