




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		Stream 7	Stream 8	Stream 9
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 Leaders Forum (Invite Only)	Workshop / Panel One	Emerging Water Leaders
Network Optimisation 		Demand Management		Managing Public Health in the Regions		Trends in Governance and Policy Development in a Changing World		Enhancing Customer Experience Through Transformation		Achieving SDGs				
Pitch Presentation 1 330 - WESTERN ADELAIDE WASTEWATER NETWORK UPGRADE: THE ISSUES FACING LARGE SEWER PROJECTS WITHIN A CAPITAL CITY John Skirrow WSP		Pitch Presentation 7 194 - THE USE OF SYNTHETIC WEATHER GENERATION MODELLING TO QUANTIFY THE IMPACT OF CLIMATE CHANGE ON SHORT TO MEDIUM TERM WATER DEMAND FORECASTS. Frank Spaninks, Sydney Water Adrian Barker, UNSW		Pitch Presentation 13 307 - IMPROVING DRINKING WATER MANAGEMENT IN WALCHA NEW SOUTH WALES SUPPORTED BY REGULATION Tess Dawson, Walcha Council Tasleem Hasan, Viridis Consultants		Pitch Presentation 19 126 - GYMPIE REGION WATER BUSINESS UNIT JOURNEY TO 2020 Sayed Khan Gympie Regional Council		Pitch Presentation 25 309 - ASSESSING ORGANISATIONAL MATURITY TO REALISE AND SUSTAIN TRADE WASTE CUSTOMER SOLUTIONS Libby Vojin, SA Water Lachlan McInnes, Nova Systems		Pitch Presentation 30 484 - TIPOTAPP - CUSTOM BUSINESS APPS MADE EASY Peter Wojciechowski Collab IT Systems		Proudly Sponsored by: 	The Water and Carbon Group Presents: WWTP SLUDGE CONVERSION FROM A WASTE PRODUCT TO A BENEFICIAL BIOSOLID - GLOBAL PERSPECTIVES, QLD TRIALS, LEGISLATION AND FUTURE USES	Proudly Sponsored by: 
78 DEVELOPMENT AND PILOT OF WATER MAIN THIRD PARTY CONSEQUENCE MODEL Duncan Sinclair, South East Water David Kelly, Jacobs		313 ONLINE PLANNING TOOL FOR SUSTAINABLE WATER DEMAND MANAGEMENT Marion Derochet, Mott MacDonald Nasrine Tomasi, Mott MacDonald		158 COLLABORATIVE IMPLEMENTATION OF DRINKING WATER MANAGEMENT PLANS THROUGH WATER QUALITY COMMITTEE MEETINGS Lisa Procter Hunterh2o		ACCENT SPEAKER HOW THE B CORP MOVEMENT IS REDEFINING SUCCESS IN BUSINESS Monica Bradley Purposeful Capital		59 WATER UTILITIES MUST VIEW TECHNOLOGY INNOVATION THROUGH A BUSINESS LENS Stuart Hartley EY		192 ONE SIZE DOESN'T FIT ALL: SCALING WATER SOLUTIONS TO ACHIEVE THE GLOBAL SUSTAINABLE DEVELOPMENT GOALS Shona Fitzgerald Sydney Water				WATER: COST VS VALUE
258 THE SMELL OF SUCCESS - ROSNY SEWER NETWORK ODOUR CONTROL OPTIMISATION James Benham TasWater		424 IMPROVING UNDERSTANDING OF WATER DEMAND DRIVERS AND THE IMPLICATIONS FOR MEDIUM AND LONG-TERM FORECASTING Russell Beatty HARC		255 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		193 STRATEGIC THINKING – SCENARIO PLANNING FOR AN UNCERTAIN FUTURE Marcia Dawson, Sydney Water Magnus Moglia, CSIRO		189 SYDNEY WATER'S CUSTOMER HUB: TOWARDS AN ENHANCED CUSTOMER EXPERIENCE Jonathan Hiscock, Sydney Water Darren Cash, Sydney Water		227 BRIDGING THE GAP: BUILDING HUMAN RESOURCE CAPACITY IN CAMBODIA FOR SUSTAINABLE DEVELOPMENT IN WASH SECTOR Fatima Shehata Engineers without Borders Australia				
11 CALCULATION OF ECONOMIC LEVEL OF LEAKAGE FOR UNITYWATER'S WATER SUPPLY NETWORK Ken Goraya Unitywater		135 ENHANCEMENTS AND VALIDATION OF A DEMAND FORECAST TOOL FOR SOUTH AUSTRALIA WATER CORPORATION Alana Duncker Stantec		406 SUSTAINED IMPROVEMENT IN WATER QUALITY THROUGH APPLYING A PREVENTIVE RISK MANAGEMENT APPROACH Sandy Leask NSW Health		476 DISRUPTORS AND MEGATRENDS; IDENTIFYING EXTERNAL FACTORS FOR THE MELBOURNE SEWERAGE STRATEGY 2018 Simon Fane, Institute for Sustainable Futures UTS Laura Prickett, Yarra Valley Water		471 MELBOURNE WATER DIGITAL CUSTOMER TRANSFORMATION Lee Quach, Melbourne Water Bree Webster, Melbourne Water		<i>Session in development</i>				
Pitch Presentation 2 204 - RAPID OPTIMISATION OF A WET- TO ALL-WEATHER PUMP STATION CONVERSION USING CFD MODELLING Eric Lemont AECOM		Pitch Presentation 8 65 - EUROPEAN TECHNOLOGY PROVIDES LOWEST AERATION SYSTEM LIFECYCLE COST Michael Jakob Parkson		Pitch Presentation 14 239 - A REVISED VICTORIAN CODE OF PRACTICE FOR FLUORIDATION OF DRINKING WATER SUPPLIES Gwynneth Rice Beca		Pitch Presentation 20 290 - A RESILIENT WATER FUTURE FOR THE LOWER HUNTER REGION Emma Berry Hunter Water		Pitch Presentation 26 68 - MURRAY IRRIGATION - MODERNISING THE SOUTHERN RIVERINA Michael Renehan Murray Irrigation		Poster Pitch or Product Pitch Presentation spot available				
1215 - 1315 Product Pitch Presentation Poster Pitch Presentation						LUNCH								
						Technical Presentation Case study Presentation								

* Correct at time of publication 12/02/2018

	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	Workshop / Panel Two	Workshop / Panel Three	Emerging Water Leaders
	Water Network Monitoring 	Integrated & 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			
	Pitch Presentation 3 342 - WHO'S WORKING ON YOUR PIPES? THE EVOLUTION OF NETWORK ACCESS Igor Jungic Queensland Urban Utilities	Pitch Presentation 9 38 - HOSTALEN PP H2483 – A POLYPROPYLENE COPOLYMER WITH EXCEPTIONAL MECHANICAL PROPERTIES BALANCE BY HMC POLYMERS Dr. Andreas Neumann HMC Polymers	Pitch Presentation 15 402 - RESERVOIR MANAGEMENT - IT'S ALL ABOUT THE LITTLE THINGS Leah Sertorio Queensland Urban Utilities	Pitch Presentation 21 319 - NEW ZEALAND VERSUS AUSTRALIA! A WATER CONSUMER COMPARISON Myles Rogerson Arup	Pitch Presentation 27 80 - PROMISING TO DELIVER TO OUR CUSTOMERS' EXPECTATIONS... AND WHAT WE DO WHEN WE DON'T. Helen Spencer SA Water	Pitch Presentation 31 349 - NUTRIENT REMOVAL SEWAGE TREATMENT IN DEVELOPING COUNTRIES – BETTERING PUBLIC HEALTH AND THE ENVIRONMENT IN MANILA Brett Eaton Cardno		Australian Water Association's Asset Management Specialist Network Presents:	Proudly Sponsored by: 
	75 ADELAIDE CBD SMART WATER NETWORK Peter Seltsikas, SA Water Dr Helen Edmonds, SA Water	ACCENT SPEAKER WILL WASTEWATER BE THE NEW BLACK? Prof Pascal Perez SMART Infrastructure Facility, University of Wollongong	260 A VISUAL TOOL COMBINING BEST PRACTICE OPERATIONS AND HEALTH BASED TARGETS Steve Westgate, TasWater Matthew Robertson, TasWater	229 HOW IS THE WATER SECTOR SUPPORTING AND CREATING SUSTAINABLE COMMUNITIES? Kevin Werksman EY	152 PERSONALISED & EMPATHETIC CUSTOMER MANAGEMENT - WHAT AUSTRALIAN WATER SECTOR CAN LEARN FROM GLOBAL EXPERIENCE Cassandra Hogan KPMG	408 ASSESSING THE LONG TERM INVESTMENT NEEDS OF THE UK WATER INDUSTRY - ARE WE DOING ENOUGH? George Heywood Servelec Technologies	YOU ARE WHAT YOU BUY - OPTIMISING SOCIAL VALUE THROUGH OUR SUPPLY CHAIN	ORGANISATIONAL SUCCESS AND CUSTOMER OUTCOMES THROUGH A STRONG ASSET MANAGEMENT CULTURE	WATER: COST VS VALUE
1315 - 1515	144 AN INNOVATIVE WATER CONTROL ROOM FOR THE GOULBURN BROKEN CATCHMENT MANAGEMENT AUTHORITY Brian Jackson Water Technology	335 PLANNING MELBOURNE WATER'S WATER, WASTEWATER AND STORMWATER NETWORKS FOR THE NEXT 50 YEARS Andy Chan, Melbourne Water Ryan Brotchie, GHD	325 PRACTICAL MONITORING AND AUTOMATED REPORTING ON HEALTH BASED TARGETS (HBT) Phil Wootton Allwater	413 SYSTEMS ANALYSIS AND BIG DATA REVEALS ECONOMIC EFFICIENCY OF SOLUTIONS AT MULTIPLE SCALES Professor Peter Coombes Urban Watercycle Solutions	382 YARRA VALLEY WATER CITIZENS' JURY David Snadden Yarra Valley Water	118 INTERNATIONAL COLLABORATION TO EVALUATE THE COSTS AND BENEFITS OF WATER INFRASTRUCTURE INVESTMENTS IN THE PHILIPPINES Nick Clarke Aither			
	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 OPTIMISE 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			
	Pitch Presentation 4 275 - DETERMINING POPULATION NUMBERS TO UPDATE DRINKING WATER QUALITY SAMPLING PROGRAMS Carlota Rodriguez City West Water	Pitch Presentation 10 190 - INTEGRATED WASTEWATER SERVICING OVER THREE CATCHMENTS, SYDNEY, AUSTRALIA Django Seccombe, Sydney Water Phil Von Huben, ENSure Joint Venture	Pitch Presentation 16 403 - CHARACTERISATION OF NANOMATERIALS IN COMPLEX MATRICIES AT ENVIRONMENTALLY RELEVANT CONCENTRATIONS BY SINGLE-PARTICLE ICP-MS Asa Jamting National Measurement Institute	Pitch Presentation 22 163 - COMPREHENSIVE ESTUARY MODELLING FOR INTEGRATED PLANNING, MANAGEMENT AND REGULATION OF FIVE WASTEWATER TREATMENT PLANTS Zoe Rogers Hunter Water Corporation	<i>Poster Pitch or Product Pitch Presentation spot available</i>	Pitch Presentation 32 240 - INTRODUCING A WATER INNOVATION STRATEGY: A CHANGE THAT ADDS VALUE Bronwen Sharples TasWater			
1515 - 1600	AFTERNOON TEA								
	<i>Product Pitch Presentation</i>			<i>Technical Presentation</i>					
	<i>Poster Pitch Presentation</i>			<i>Case study Presentation</i>					

* Correct at time of publication 12/02/2018

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		Workshop / Panel Four	Workshop / Panel Five
Water Network Monitoring		Environmental Management		Emerging Contaminants		Getting Investment Right		Are we Thinking about our Commercial Customers?		Water's Contribution to Energy Security			
Pitch Presentation 5 464 - TELOG IOT WATER MONITORING INSTRUMENTS Brad Dalton SmartTech Australia		Pitch Presentation 11 265 - SIMULATING A CARP VIRUS RELEASE TO QUANTIFY THE IMPACT OF DECAYING FISH ON WATER QUALITY Joe Pera WaterNSW		Pitch Presentation 17 36 - MANAGING THE PFAS ISSUE Dr Peter Nadebaum GHD		Pitch Presentation 23 376 - SOCIOECONOMIC IMPACTS OF THE MURRAY DARLING BASIN PLAN IN VICTORIA Charles Harman Brown DELWP		Pitch Presentation 28 369 - THE JOURNEY TOWARD MEANINGFUL, CONTEMPORARY ENGAGEMENT Andrew Rose GWMWater		Pitch Presentation 33 92 - ZEELUNG MEMBRANE AERATED BIOFILM REACTOR (MABR): AN INNOVATIVE AND ENERGY EFFICIENT NUTRIENT REMOVAL SOLUTION Jennine Finlayson SUEZ		CRC for Water Sensitive Cities Presents: IMPROVING LIVEABILITY AND PRODUCTIVITY OF AUSTRALIAN CITIES - HOW CAN THE WATER INDUSTRY INFLUENCE OUR RAPID URBAN DEVELOPMENT AND HELP TO DELIVER THIS DESIRABLE OUTCOME?	Australian Water Association & Australian Water Partnerships Presents WOMEN OF WATER
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 Dr David Lynch, Jacobs		323 REALISED RESULTS OF A 2.5 YEAR ENERGY OPTIMISATION INITIATIVE IMPLEMENTED AT 9 SEWAGE TREATMENT PLANTS Nicholas Collins, Stantec King Intrapai boon, Unitywater					
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		296 THIRSTY ENERGY: INTEGRATED THINKING AND PLANNING REQUIRED TO SUSTAINABLY MANAGE THE WATER-ENERGY-CLIMATE NEXUS James Cullis Aurecon			
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 Amelia French, CDM Smith		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 Geoff Fussell Suntrix			
Pitch Presentation 6 442 - THE PRACTICAL USE OF ELECTRONIC SURVEILLANCE FOR PROTECTION OF DRINKING WATER SOURCES Jerome Douziech Aroona Alliance		Pitch Presentation 12 411 - IMPROVING WATER QUALITY OFF NEWCASTLE'S BEACHES: THE BURWOOD BEACH WWTW UV DISINFECTION UPGRADE Julian Briggs Aurecon		Pitch Presentation 18 103 - AN EVALUATION OF SAMPLING METHODS FOR EMERGING CONTAMINANTS USING A COMPUTATIONAL APPROACH Christine Close RMIT University		Pitch Presentation 24 267 - BUILDING CUSTOMER PREFERENCES INTO ASSET MANAGEMENT DECISIONS Katherine Larkings Icon Water		Pitch Presentation 29 146 - HYDRONET RAINWATCH – FORECASTED, OBSERVED AND HISTORICAL WEATHER DATA AT YOUR FINGERTIPS Brian Jackson Water Technology		Pitch Presentation 34 187 - ENERGY BENCHMARKING – EUROPEAN BEST PRACTICE APPLIED LOCALLY Greg Appleby, Sydney Water George Charakos, Melbourne Water			

* Correct at time of publication 12/02/2018

	Product Pitch Presentation
	Poster Pitch Presentation
	Technical Presentation
	Case study Presentation