

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		Trends in governance and policy development in a changing world		Enhancing Customer Experience Through Transformation		Achieving SDGs	
<b>Pitch Presentation 1</b> 330 - WESTERN ADELAIDE WASTEWATER NETWORK UPGRADE: THE ISSUES FACING LARGE SEWER PROJECTS WITHIN A CAPITAL CITY Joh Skirrow WSP		<b>Pitch Presentation 7</b> 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		<b>Pitch Presentation 13</b> 307 - IMPROVING DRINKING WATER MANAGEMENT IN WALCHA NEW SOUTH WALES SUPPORTED BY REGULATION Tess Dawson, Walcha Council Tasleem Hasan, Viridis Consultants		<b>Pitch Presentation 19</b> 126 - GYMPIE REGION WATER BUSINESS UNIT JOURNEY TO 2020 Sayed Khan Gympie Regional Council		<b>Pitch Presentation 25</b> 309 - ASSESSING ORGANISATIONAL MATURITY TO REALISE AND SUSTAIN TRADE WASTE CUSTOMER SOLUTIONS Libby Vojin, SA Water Lachlan McInnes, Nova Systems		<b>Pitch Presentation 31</b> 484 - TIPOTAPP - BUILD APPS MADE EASY Peter Wojciechowski Collab IT Systems	
<b>78</b> DEVELOPMENT AND PILOT OF WATER MAIN THIRD PARTY CONSEQUENCE MODEL Duncan Sinclair, South East Water David Kelly, Jacobs		<b>313</b> ONLINE PLANNING TOOL FOR SUSTAINABLE WATER DEMAND MANAGEMENT Marion Derochet, Mott MacDonald Nasrine Tomasi, Mott MacDonald		<b>158</b> COLLABORATIVE IMPLEMENTATION OF DRINKING WATER MANAGEMENT PLANS THROUGH WATER QUALITY COMMITTEE MEETINGS Lisa Procter Hunterh2o		<i>Accent Speaker to be announced</i>		<b>59</b> WATER UTILITIES MUST VIEW TECHNOLOGY INNOVATION THROUGH A BUSINESS LENS Stuart Hartley EY		<b>192</b> ONE SIZE DOESN'T FIT ALL: SCALING WATER SOLUTIONS TO ACHIEVE THE GLOBAL SUSTAINABLE DEVELOPMENT GOALS Shona Fitzgerald Sydney Water	
<b>258</b> THE SMELL OF SUCCESS - ROSNY SEWER NETWORK ODOUR CONTROL OPTIMISATION James Benham TasWater		<b>424</b> IMPROVING UNDERSTANDING OF WATER DEMAND DRIVERS AND THE IMPLICATIONS FOR MEDIUM AND LONG-TERM FORECASTING Russell Beatty		<b>255</b> 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		<b>193</b> STRATEGIC THINKING – SCENARIO PLANNING FOR AN UNCERTAIN FUTURE Marcia Dawson, Sydney Water Magnus Moglia, CSIRO		<b>189</b> SYDNEY WATER'S CUSTOMER HUB: TOWARDS AN ENHANCED CUSTOMER EXPERIENCE Jonathan Hiscock, Sydney Water Darren Cash, Sydney Water		<b>227</b> BRIDGING THE GAP: BUILDING HUMAN RESOURCE CAPACITY IN CAMBODIA FOR SUSTAINABLE DEVELOPMENT IN WASH SECTOR Fatima Shehata	
<b>11</b> CALCULATION OF ECONOMIC LEVEL OF LEAKAGE FOR UNITYWATER'S WATER SUPPLY NETWORK Ken Goraya Unitywater		<b>135</b> ENHANCEMENTS AND VALIDATION OF A DEMAND FORECAST TOOL FOR SOUTH AUSTRALIA WATER CORPORATION Stantec		<b>406</b> SUSTAINED IMPROVEMENT IN WATER QUALITY THROUGH APPLYING A PREVENTIVE RISK MANAGEMENT APPROACH Sandy Leask		<b>476</b> DISRUPTORS AND MEGATRENDS; IDENTIFYING EXTERNAL FACTORS FOR THE MELBOURNE SEWERAGE STRATEGY 2018 Simon Fane, Institute for Sustainable Futures UTS Laura Prickett, Yarra Valley Water		<b>471</b> MELBOURNE WATER DIGITAL CUSTOMER TRANSFORMATION Bree Webster, Melbourne Water		<b>6</b> ACCELERATING SDGS IN INDIA Radhika Ralhan, CAF INDIA Rohan Jain, CAF INDIA	
<b>Pitch Presentation 2</b> 204 - RAPID OPTIMISATION OF A WET- TO ALL-WEATHER PUMP STATION CONVERSION USING CFD MODELLING Eric Lemont AECOM		<b>Pitch Presentation 8</b> 65 - EUROPEAN TECHNOLOGY PROVIDES LOWEST AERATION SYSTEM LIFECYCLE COST Michael Jakob Parkson		<b>Pitch Presentation 14</b> 239 - A REVISED VICTORIAN CODE OF PRACTICE FOR FLUORIDATION OF DRINKING WATER SUPPLIES Gwynneth Rice Beca		<b>Pitch Presentation 20</b> 290 - A RESILIENT WATER FUTURE FOR THE LOWER HUNTER REGION Emma Berry Hunter Water		<b>Pitch Presentation 26</b> 68 - MURRAY IRRIGATION - MODERNISING THE SOUTHERN RIVERINA Michael Renehan Murray Irrigation		<i>Poster Pitch or Product Pitch Presentation spot available</i>	

1215 - 1315 LUNCH

Product Pitch Presentation	Technical Presentation
Poster Pitch Presentation	Case study Presentation

\* Correct at time of publication 21/12/2017

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	Intergrated & 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
<b>Pitch Presentation 3</b> 342 - WHO'S WORKING ON YOUR PIPES? THE EVOLUTION OF NETWORK ACCESS Igor Jungic Queensland Urban Utilities	<b>Pitch Presentation 9</b> 38 - HOSTALEN PP H2483 – A POLYPROPYLENE COPOLYMER WITH EXCEPTIONAL MECHANICAL PROPERTIES BALANCE BY HMC POLYMERS Dr. Andreas Neumann HMC Polymers	<b>Pitch Presentation 15</b> 402 - RESERVOIR MANAGEMENT - IT'S ALL ABOUT THE LITTLE THINGS Leah Sertorio Queensland Urban Utilities	<b>Pitch Presentation 21</b> 319 - NEW ZEALAND VERSUS AUSTRALIA! A WATER CONSUMER COMPARISON Myles Rogerson Arup	<b>Pitch Presentation 27</b> 80 - PROMISING TO DELIVER TO OUR CUSTOMERS' EXPECTATIONS... AND WHAT WE DO WHEN WE DON'T. Helen Spencer SA Water	<b>Pitch Presentation 32</b> 349 - NUTRIENT REMOVAL SEWAGE TREATMENT IN DEVELOPING COUNTRIES – BETTERING PUBLIC HEALTH AND THE ENVIRONMENT IN MANILA Brett Eaton Cardno
<b>75</b> ADELAIDE CBD SMART WATER NETWORK Peter Seltsikas, SA Water Dr Helen Edmonds, SA Water	<i>Accent Speaker to be announced</i>	<b>260</b> A VISUAL TOOL COMBINING BEST PRACTICE OPERATIONS AND HEALTH BASED TARGETS Steve Westgate, TasWater Matthew Robertson, TasWater	<b>229</b> HOW IS THE WATER SECTOR SUPPORTING AND CREATING SUSTAINABLE COMMUNITIES? Kevin Werksman EY	<b>152</b> PERSONALISED & EMPATHETIC CUSTOMER MANAGEMENT - WHAT AUSTRALIAN WATER SECTOR CAN LEARN FROM GLOBAL EXPERIENCE Cassandra Hogan KPMG	<b>408</b> ASSESSING THE LONG TERM INVESTMENT NEEDS OF THE UK WATER INDUSTRY - ARE WE DOING ENOUGH? George Heywood Servelec Technologies
<b>144</b> AN INNOVATIVE WATER CONTROL ROOM FOR THE GOULBURN BROKEN CATCHMENT MANAGEMENT AUTHORITY Brian Jackson Water Technology	<b>335</b> PLANNING MELBOURNE WATER'S WATER, WASTEWATER AND STORMWATER NETWORKS FOR THE NEXT 50 YEARS Andy Chan, Melbourne Water Ryan Brotchie, GHD	<b>325</b> PRACTICAL MONITORING AND AUTOMATED REPORTING ON HEALTH BASED TARGETS (HBT) Phil Wootton Allwater	<b>413</b> SYSTEMS ANALYSIS AND BIG DATA REVEALS ECONOMIC EFFICIENCY OF SOLUTIONS AT MULTIPLE SCALES Professor Peter Coombes Urban Watercycle Solutions	<b>382</b> YARRA VALLEY WATER CITIZENS' JURY David Snadden Yarra Valley Water	<b>118</b> INTERNATIONAL COLLABORATION TO EVALUATE THE COSTS AND BENEFITS OF WATER INFRASTRUCTURE INVESTMENTS IN THE PHILIPPINES Nick Clarke, Aither Yang Villa, Metro Pacific Water
<b>162</b> EYES IN THE NETWORK – HOW THE 'HYDRANT INSERTION DEVICE' ENABLES GREATER REALTIME MONITORING Asoka Jayaratne Yarra Valley Water	<b>180</b> EFFECTIVE RENEWALS PLANNING PROCESS WITH ROBUST INVESTMENT PLANNING FOR TREATMENT OPERATING ASSETS IN SYDNEY WATER Nandu Marathe, Sydney Water Konrad Kempe, Sydney Water	<b>251</b> ATP. A TOOL FOR THE RAPID EVALUATION OF WATER QUALITY Benjamin Deeley TasWater	<b>358</b> THE PERILS AND PITFALLS OF INTEGRATED WATER MANAGEMENT PLANNING IN VICTORIA'S NATIONAL EMPLOYMENT AND INNOVATION CLUSTERS Simon Roberts E2Designlab	<b>241</b> #CUSTOMERSFIRST: A LOVE STORY Sophea Eng City West Water	<b>321</b> REDUCING WASTEWATER OVERFLOWS: A PRAGMATIC APPROACH TO OPTIMISE CAPITAL INVESTMENT IN CHRISTCHURCH Joel Wilson, WCS Engineering Bridget O'Brien, Christchurch City Council
<b>368</b> ONLINE WATER QUALITY MONITORING AND INSTRUMENTS – THE VOICE OF EXPERIENCE Prof. Chris Chow School of Natural and Built Environments - University of South Australia	<b>139</b> BRINGING OUR ASSET MANAGEMENT PLANS INTO THE MAINSTREAM Aneurin Hughes Logan Water Infrastructure Alliance	<b>153</b> HAVELOCK NORTH WATER SUPPLY 2016 OUTBREAK Andrew Watson Beca	<b>324</b> EFFECTS BASED ASSESSMENT FRAMEWORK FOR MANAGEMENT OF WET WEATHER SEWER OVERFLOWS Frances Rutledge Hunter Water	<b>259</b> TASWATER'S APPROACH TO PUTTING CUSTOMERS AT THE HEART OF OUR LONG TERM STRATEGIC PLAN Eamon Sullivan TasWater	<b>256</b> AN INNOVATION FRAMEWORK FOR THE PHILIPPINE WATER MARKET Monica Bennett, Isle Utilities Yang Villa, Isle Utilities
<b>Pitch Presentation 4</b> 275 - DETERMINING POPULATION NUMBERS TO UPDATE DRINKING WATER QUALITY SAMPLING PROGRAMS Carlota Rodriguez City West Water	<b>Pitch Presentation 10</b> 190 - INTEGRATED WASTEWATER SERVICING OVER THREE CATCHMENTS, SYDNEY, AUSTRALIA Django Seccombe, Sydney Water Phil Von Huben, ENSure Joint Venture	<b>Pitch Presentation 16</b> 403 - CHARACTERISATION OF NANOMATERIALS IN COMPLEX MATRICIES AT ENVIRONMENTALLY RELEVANT CONCENTRATIONS BY SINGLE-PARTICLE ICP-MS Leah Sertorio Queensland Urban Utilities	<b>Pitch Presentation 22</b> 163 - COMPREHENSIVE ESTUARY MODELLING FOR INTEGRATED PLANNING, MANAGEMENT AND REGULATION OF FIVE WASTEWATER TREATMENT PLANTS Zoe Rogers Hunter Water Corporation	<b>Pitch Presentation 28</b> 62 - REAL TIME CUSTOMER COMPLAINTS MAPPING ... WITH EXCEL Julien Anese Allwater	<b>Pitch Presentation 33</b> 240 - INTRODUCING A WATER INNOVATION STRATEGY: A CHANGE THAT ADDS VALUE Bronwen Sharpes TasWater

Product Pitch Presentation  
 Poster Pitch Presentation

Technical Presentation  
 Case study Presentation

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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?	Water's Contribution to Energy Security
<b>Pitch Presentation 5</b> 464 - TELOG IOT WATER MONITORING INSTRUMENTS Brad Dalton SmartTech Australia		<b>Pitch Presentation 11</b> 265 - SIMULATING A CARP VIRUS RELEASE TO QUANTIFY THE IMPACT OF DECAYING FISH ON WATER QUALITY Joe Pera WaterNSW		<b>Pitch Presentation 17</b> 36 - MANAGING THE PFAS ISSUE Dr Peter Nadebaum GHD	<b>Pitch Presentation 23</b> 376 - SOCIOECONOMIC IMPACTS OF THE MURRAY DARLING BASIN PLAN IN VICTORIA Charles Harman Brown DELWP	<b>Pitch Presentation 29</b> 369 - THE JOURNEY TOWARD MEANINGFUL, CONTEMPORARY ENGAGEMENT Andrew Rose GWMWater	<b>Pitch Presentation 34</b> 92 - ZEELUNG MEMBRANE AERATED BIOFILM REACTOR (MABR): AN INNOVATIVE AND ENERGY EFFICIENT NUTRIENT REMOVAL SOLUTION Jennine Finlayson SUEZ
<b>108</b>		<b>221</b>		<b>7</b>	<b>208</b>	<i>Accent Speaker to be announced</i>	<b>177</b>
LEAK DETECTION IN THE ADELAIDE CBD WATER NETWORK USING PERMANENT ACOUSTIC MONITORING Mark Stephens SA Water		SIMPLE MODELLING OF WATER QUALITY RISKS TO WATERWAYS FROM WASTEWATER DISCHARGES Dr Bonnie Bonneville Jacobs		ENGINEERED NANOMATERIALS AND POTABLE REUSE - SHOULD WE BE CONCERNED ? Ian Law IBL Solutions	DEVELOPMENT OF AN INVESTMENT OPTIMISATION AND PRIORITISATION MODEL INCORPORATING CUSTOMER, REGULATOR AND BUSINESS PREFERENCES Tanu Kaur, Jacobs Dr David Lynch, Jacobs		SUSTAINABLY ADDRESSING THE ENERGY-WATER-FOOD NEXUS - DEVELOPMENT & DELIVERY OF THE SUNDROP FARMS GREENHOUSE PROJECT Aaron Buckley John Holland
<b>196</b>		<b>223</b>		<b>42</b>	<b>252</b>	<b>170</b>	<b>296</b>
1600 - 1730 MODELLING OF PRESSURE REDUCING VALVE (PRV) MODULATION IN RESPONSE TO TRANSIENT PRESSURES IN WATER SUPPLY SYSTEMS Rohan Naidu AECOM		A MODIFIED QWASI MODEL FOR PREDICTING FATE AND TRANSPORT OF MICROPOLLUTANTS IN A WASTEWATER LAGOON Yufei Wang RMIT University		EMERGING CONTAMINANTS AND MICROPOLLUTANTS: WHAT IMPACT DO THEY HAVE ON OUR HEALTH AND WELLBEING? Gabby Butera Arup	APPROACHES TO WATER REUSE PRICING - A REVIEW OF THE VICTORIAN EXPERIENCE UNDER PREMO V1 Rachel Watson Institute for Sustainable Futures, UTS	GROWING THE BAROSSA THROUGH CUSTOMER COLLABORATION Lynda Hamden SA Water	THIRSTY ENERGY: INTEGRATED THINKING AND PLANNING REQUIRED TO SUSTAINABLY MANAGE THE WATER-ENERGY-CLIMATE NEXUS Aurecon
<b>165</b>		<b>52</b>		<b>218</b>	<b>115</b>	<b>87</b>	<b>297</b>
CRAIGIEBURN SEWAGE TRANSFER HUB – SERVICING GROWTH THROUGH INNOVATION AND COLLABORATION Paul Patrick Yarra Valley Water		AN INNOVATIVE APPROACH TO VALUING ENVIRONMENTAL IMPACTS OF SEWAGE SPILLS Duncan Sinclair South East Water		OPTIONS AND CHALLENGES FOR PFAS REMOVAL IN WATER TREATMENT Dr Yaode Yan Hunterh2o	AUSTRALIAN URBAN WATER RESEARCH – COSTS, BENEFITS AND A SMARTER FUNDING MODEL Peter Dillon	ADVANCING WATER CONSERVATION – CASE STUDIES FROM THE AUSTRALIAN MEAT PROCESSING CORPORATION Jane Gaffel The Ecoefficiency Group	LISMORE SEWAGE TREATMENT PLANT REALIZES AUSTRALIA'S FIRST COMMUNITY FUNDED, COUNCIL OWNED FLOATING SOLAR SYSTEM
<b>Pitch Presentation 6</b> 442 - THE PRACTICAL USE OF ELECTRONIC SURVEILLANCE FOR PROTECTION OF DRINKING WATER SOURCES Water Corporation		<b>Pitch Presentation 12</b> 411 - IMPROVING WATER QUALITY OFF NEWCASTLE'S BEACHES: THE BURWOOD BEACH WWTW UV DISINFECTION UPGRADE Aurecon		<b>Pitch Presentation 18</b> 103 - AN EVALUATION OF SAMPLING METHODS FOR EMERGING CONTAMINANTS USING A COMPUTATIONAL APPROACH Christine Close RMIT University	<b>Pitch Presentation 24</b> 267 - BUILDING CUSTOMER PREFERENCES INTO ASSET MANAGEMENT DECISIONS Katherine Larkings Icon Water	<b>Pitch Presentation 30</b> 146 - HYDRONET RAINWATCH – FORECASTED, OBSERVED AND HISTORICAL WEATHER DATA AT YOUR FINGERTIPS Brian Jackson Water Technology	<b>Pitch Presentation 35</b> 187 - ENERGY BENCHMARKING – EUROPEAN BEST PRACTICE APPLIED LOCALLY Greg Appleby, Sydney Water George Charakos, Melbourne Water

1730 - 1830

HAPPY HOUR AT THE CLUBHOUSE IN EXHIBITION HALL

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	Poster Pitch Presentation
	Technical Presentation
	Case study Presentation