




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	Stream 7	Stream 8
	<b>Excellence in Operations &amp; Asset Management</b>	<b>Excellence in Operations &amp; Asset Management</b>	<b>Strengthening Communities</b>	<b>Inspiring Change, People &amp; Organisations in the Water Sector</b>	<b>Working with Customers</b>	<b>Servicing &amp; Supporting Rural, Remote &amp; Regional Areas</b>	<b>Policy &amp; Advocacy</b>	<b>Workshop / Panel Six</b>
	<i>Biosolids</i> 	<i>Condition Assessment</i>	<i>Building Water Smart Communities</i>	<i>AECOM</i>	<i>Next Generation Water Efficiency</i>	<i>Providing WasteWater Services</i>		
	<b>Pitch Presentation 36</b> 160 - RECUPERATIVE THICKENING AT THE EASTERN TREATMENT PLANT: OPPORTUNITIES AND CHALLENGES Richard Lovett Melbourne Water	<b>Pitch Presentation 42</b> 429 - DISINFECTANT AND STRESS CRACK RESISTANT PE100 Jeroen Wassenaar Qenos	<b>Pitch Presentation 48</b> 444 - STRATEGIC APPLICATION OF CARBON AND ECOLOGICAL FOOTPRINT ACCOUNTING AT MELBOURNE WATER Christopher Dey Areté Sustainability	<b>Pitch Presentation 53</b> 28 - LEARNING ABOUT WATER FOR IRRIGATION, A CASE STUDY IN TASMANIA Melle Nikkels Tasmanian Institute of Agriculture	<b>Pitch Presentation 58</b> 412 - THE COST OF CONSERVATISM Adam Pearce WSP	<b>Pitch Presentation 64</b> 396 - MANAGEMENT IS NOT A DIRTY WORD: UNLOCKING THE POTENTIAL OF DECENTRALISED WASTEWATER SYSTEMS Ben Asquith Decentralised Water Consulting	 	<b>Australian Water Association &amp; Australian Water Partnerships Presents:</b>
	<b>333</b> A HIDDEN GEM OR FOOLS GOLD: ADVANCED METHANE RECOVERY AT WASTEWATER TREATMENT PLANTS Mark Trickey, GHD Jackie Moss, Melbourne Water	<b>370</b> A TARGETED APPROACH TO CONDITION ASSESSMENT OF SEWER RISING MAINS IN RESTRICTIVE ENVIRONMENTS Anna West SMEC	<b>178</b> MORE THAN SEWAGE TREATMENT SERVICES - ADDING VALUE TO THE MALENY COMMUNITY Kylie Crouch, Unitywater Ramraj Kulkarni, Unitywater & Scott Lowe, Unitywater	<i>Session in development</i>	<b>428</b> NEXT GENERATION WATER EFFICIENCY: LOOKING OVER THE HORIZON Andrea Turner, Institute of Sustainable Futures Stuart White, Institute of Sustainable Futures & Simon Fane, Institute of Sustainable Futures	<b>337</b> SERVICING OF FRINGE DEVELOPMENTS THROUGH TEMPORARY WASTEWATER TREATMENT AND LAND IRRIGATION Tobias Chalmers Calibre Group	GROWTH: URBAN WATER CAN MEET THE CHALLENGE	VIETNAM - AUSTRALIA TWINNING OUTCOMES (TBC)
<b>1045 - 1215</b>	<b>355</b> SLUDGE TREATMENT OPTIONS ANALYSIS: INTEGRATED ANALYSIS OF THERMAL HYDROLYSIS AND RECUPERATIVE THICKENING Richard Lovett Melbourne Water	<b>46</b> APPLYING MODERN ASSESSMENT TECHNOLOGIES TO A HISTORIC WATER PUMPING STATION Lee Foster, Seqwater Rochelle Bosworth, Seqwater	<b>418</b> GREEN SQUARE WATER REUSE - IMPLEMENTING DECENTRALISED STORMWATER RECYCLING IN SYDNEY'S NEW TOWN CENTRE Ebony Heslop City of Sydney	<i>Session in development</i>	<b>185</b> WATERFIX® STRATA PROVIDES SAVINGS FOR CUSTOMERS IN HI-RISE TOWERS Andre Boerema Sydney Water	<b>166</b> SEPTIC TANKS VERSES THE SEWER RENEWAL PROGRAM Jon Theobald South East Water		
	<b>329</b> MICROALGAE BASED WASTEWATER TREATMENT AND MICROALGAE BIOMASS OPPORTUNITIES Andrew Ward Queensland Urban Utilities	<b>238</b> ANALYSIS OF ASBESTOS CEMENT PIPELINES WITH ALTERNATIVE TECHNOLOGIES Dr Mason Erkelens Detection Services	<b>312</b> ENGAGING CITIZENS IN WATER SENSITIVE CITY TRANSITIONS: LESSONS FROM BENDIGO, VICTORIA Alex Gunn, CRC for Water Sensitive Cities, Monash University Emma Church, CRC for Water Sensitive Cities, Monash University	<i>Session in development</i>	<b>327</b> YARRA VALLEY WATER COMMUNITY HOUSING RETROFIT PROGRAM Belinda Goodwin Yarra Valley Water	<b>425</b> RIGHT TECHNOLOGY, SMART ASSET INVESTMENT FOR REMOTE REGIONAL COUNCIL SEWAGE TREATMENT PLANTS Bob Ma Aquatec Maxcon		
	<b>Pitch Presentation 37</b> 23 - SHIFTING THE ENERGY BALANCE – DRIVING TOWARD ENERGY NEUTRAL WWTPS Sam Towndrow Evoqua Water Technologies	<b>Pitch Presentation 43</b> 37 - PRESSURE SEWER OPERATION AND MAINTENANCE EXPERIENCE – SUCCESS IN WHANGAREI, NEW ZEALAND Derek Lachut Environment One Corporation	<b>Pitch Presentation 49</b> 195 - PARTNERING FOR SUCCESS: SUPPORTING SYDNEY'S GROWTH Mark Simister, Sydney Water Geoff Shepherd, WSP		<b>Pitch Presentation 59</b> 401 - THE WATER INTELLIGENCE SYSTEM Hamed Hashem Abadi, Collab IT Systems Murray Leech, Collab IT Systems	<b>Pitch Presentation 65</b> 295 - COST EFFECTIVE RETROFIT OF A CONVENTIONAL PACKAGED PLANT FOR IMPROVED PERFORMANCE Julian Tickle Townsville Water		
<b>1215 - 1315</b>	LUNCH							

Product Pitch Presentation  
Poster Pitch Presentation

Technical Presentation  
Case study Presentation

\* Correct at time of publication 13/03/2018

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	Policy & Advocacy	Workshop / Panel Seven
<i>Climate Risk</i> 	<i>Data Analytics for Decision Making</i>	<i>Cool, Green Cities</i>		<i>Approaches to Improve the Customer Experience</i> 	<i>Drinking Water Supply</i>		
<b>Pitch Presentation 38</b> 430 - DECIDING ON RELEASES THROUGH GATED SPILLWAYS DURING MAJOR FLOODS - WHICH RISK IS TO BE TAKEN?  Greg McMahon GM McMAHON CONSULTANTS	<b>Pitch Presentation 44</b> 84 - INTELLIGENT ALARMING  Dr Christian Michl KISTERS	<b>Pitch Presentation 50</b> 400 - SEWER ODOUR AND CORROSION MITIGATION FOR THE ELANORA CATCHMENT  Kara Mueller City of Gold Coast	<b>Pitch Presentation 54</b> 186 - AGILITY AND RESPONSIVENESS: BUILDING A CUSTOMER-FOCUSED UTILITY  Christopher Gould, Sydney Water Sally Armstrong, Sydney Water	<b>Pitch Presentation 60</b> 415 - WET WEATHER OVERFLOWS - CAN THE CUSTOMER EXPERIENCE BE IMPROVED?  Peter Smith Queensland Urban Utilities	<b>Pitch Presentation 66</b> 360 - UPGRADING TO A TREATED WATER SUPPLY – MORE THAN JUST TREATMENT  Victoria Hart GWMWater		
<b>209</b> PROTECTING ONE OF SOUTH EAST QUEENSLAND'S MOST CRITICAL WATER SUPPLY ASSETS FROM CURRENT AND FUTURE CLIMATE RISK  Cameron Wearing, Seqwater Lee Foster, Seqwater	<b>274</b> DATA VISUALISATION - THE NEW CURRENCY OF THE WATER INDUSTRY  Mark Rippon TasWater	<b>397</b> ADELAIDE AIRPORT HEAT REDUCTION  Greg Ingleton SA Water	<b>89</b> WORKFORCE SKILLS OF THE FUTURE IN THE WATER SECTOR TO THE YEAR 2040  Dr Matt Pearce, KPMG Peter Gee, WSAA	<b>128</b> IMPROVING THE CUSTOMER EXPERIENCE TO DELIVER WORLD CLASS SERVICES FOR A BETTER LIFE  Tania Davis SA Water	<b>81</b> SECURING SAFE AND SUSTAINABLE DRINKING WATER SUPPLY IN REGIONAL COMMUNITIES UTILISING EDR TECHNOLOGY  Jennine Finlayson SUEZ	THE TRUST EQUATION	
<b>120</b> DEVELOPING AN ENERGY STRATEGY FOR QUEENSLAND URBAN UTILITIES  Glen Taylor Queensland Urban Utilities	<b>386</b> COST RISK AND PERFORMANCE- SEWER MAIN INVESTMENT PLANNING  Sagar Khadka, Icon Water Ryan Signor, AECOM	<b>356</b> FROM WASTELAND TO WATERWAY: WATERWAYS AS GREEN INFRASTRUCTURE  Stuart Cleven Alluvium Consulting	<b>ACCENT SPEAKER</b> CHANGE IS HARD, RUNNING FROM IT IS EVEN HARDER  Kerryn Fewster Change2020	<b>222</b> BUILDING A STORYBANK: HARNESSING THE POWER OF STORIES TO REACH CUSTOMERS AND COMMUNITIES  Matilda Bowra Foundry	<b>26</b> BATTLING BLACKWATER (DEALING WITH WATER QUALITY ISSUES ASSOCIATED WITH FLOOD WATERS)  David Cook, SA Water Greg Dworak, SA Water		
<b>99</b> A NEW SOLUTION FOR REAL-TIME FLOOD INTELLIGENCE IN NSW  Galen Lewis MHL	<b>147</b> PIPELINE FAILURE DATA ANALYTICS AND PREDICTION  Bin Liang, Data61 Gagneet Serai, Unitywater	<b>45</b> GREENING THE PIPELINE – RE-PURPOSING A HERITAGE LISTED ASSET TO ENHANCE COMMUNITY WELL-BEING  David Howard GHD	<b>389</b> BUILDING AN INNOVATION HUB TO INSPIRE A WORKFORCE AND ENGAGE A COMMUNITY  Colin Chapman, Queensland Urban Utilities Jason Dwyer, Queensland Urban Utilities	<b>88</b> COMPLAINTS ARE A GIFT....A FRESH APPROACH TO COMPLAINT MANAGEMENT.  Rachael Neumann SA Water	<b>86</b> AUTOMATED, RAPID MICROBIAL DETECTION SYSTEM FOR REMOTE TESTING OF E.COLI & COLIFORMS BACTERIA  Doug Wilton Tecta-PDS		
<b>483</b> DROUGHT RESPONSE PLANNING AND MAKING IT HAPPEN  Dimitry Lynas, Seqwater Jim Fear, Seqwater; Wendy Auton, Seqwater	<b>35</b> PRACTICAL WATER QUALITY FORECASTING IN DRINKING WATER SUPPLY STORAGES FOR OPERATIONAL DECISION MAKING  Jason Antenucci DHI Group	<b>34</b> THE GOP GREEN GRID - MAKING SYDNEY'S NEW HEART COOLER AND GREENER  Alan Hoban, Bligh Tanner Phillip Birtles, Sydney Water	<b>151</b> DIGITAL MATURITY ROADMAP PROJECT  Peter Gee WSAA	<b>49</b> THE REAL WORLD PROS AND PITFALLS OF ROBOCALLING  James Garriock, Insync Keiran Smith, Hunter Water	<b>102</b> STRESS OR JOY? CLONCURRY, REGIONAL QUEENSLAND - WATER SUPPLY CHALLENGES AND CONTINUAL IMPROVEMENT  Tasleem Hasan, Viridis Consultants Megan Anderson, Cloncurry Shire Council		
<b>Pitch Presentation 39</b> 416 - ESTABLISHING A DIFFUSER BENCHMARKING TRIAL, OUTCOMES FROM CLEAN AND DIRTY WATER TESTING OF NEW DIFFUSERS  Justin Watts Monadelphous Engineering	<b>Pitch Presentation 45</b> 437 - TRUE OR FALSE? – IN THIS SPACE, DATA MAY SOLVE THE MAZE – CONSUMPTION BEHAVIOUR ANALYSIS  Israt Chowdhury, Seqwater; Phillip Chan, Seqwater Mark Askins, Seqwater		<b>Pitch Presentation 55</b> 188 - OLD KNOWLEDGE, NEW IDEAS: REVIVING SYDNEY WATER'S ENGINEERING COMMUNITY FOR BETTER CUSTOMER OUTCOMES  Emily Ryan Sydney Water	<b>Pitch Presentation 61</b> 73 - CUSTOMER JOURNEY MAPS INFLUENCE BUSINESS PROCESS CHANGE TO IMPROVE CUSTOMER EXPERIENCE  Dave Woodmore SA Water	<b>Pitch Presentation 67</b> 280 - BARRIERS REGIONAL UTILITIES FACE IN MEETING STANDARDS OF SERVICE  Geraldine Terada-Bellis Viridis Consultants		

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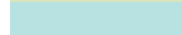


\* Correct at time of publication 23/1/2018

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**Institute for Sustainable Futures, UTS Presents:**  
LEARNING TO DANCE WITH SYSTEMS: BUILDING THE CASE FOR STRENGTHENING SYSTEMS THINKING AND PRACTICES

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	Policy & Advocacy	Workshop / Panel Eight
Energy Management 	Condition Assessment	Demonstrating Value in Water Smart Cities	Systems & Standardisations 	Real Life Case Studies in Water Efficiency	Remote & Off-Grid Solutions	AUSTRALIAN WATER ASSOCIATION 	
<b>Pitch Presentation 40</b> 417 - ADVANCED AERATION CONTROL: TUNING AERATION TO THE POLLUTION LOAD Caroline Herman Allwater	<b>Pitch Presentation 46</b> 60 - MAXIMISING ASSET PERFORMANCE IN A DIGITAL AND MORE SUSTAINABLE WORLD Igor Sadimenko EY	<b>Pitch Presentation 51</b> 264 - THE BERRIGAN SOLUTION: IMPROVED IRRIGATION OUTCOMES IN THE SOUTHERN RIVERINA Jorge Luengas, Murray Irrigation Greg Stevens, Ertech	<b>Pitch Presentation 56</b> 482 - SUPPORTING CAPITAL INVESTMENT DECISIONS IN WATER DISTRIBUTION SYSTEMS THROUGH QUANTIFIED RISK MODELLING Darren Broad Water Corporation	<b>Pitch Presentation 62</b> 359 - THE ECONOMIC INEFFICIENCY OF FIXED CHARGES FOR WATER SERVICES AND THE IMPLICATIONS FOR EFFICIENT WATER USE Michael Smit Kingspan	<b>Pitch Presentation 68</b> 328 - FLOOD STUDY OF ADELAIDE RIVER FLOODPLAIN Kok Keng Tan SMEC	CLOSING THE GAP	<b>Melbourne Water Presents:</b> MOVING TOWARDS A GENERATIVE SAFETY CULTURE ON A MAJOR CAPITAL WORKS PROGRAM
<b>377</b> FLOATING SOLAR ARRAYS: POWERING OFF-THE-GRID WATER TREATMENT PLANTS OF THE FUTURE Nikhil Khurana GHD	<b>70</b> ASSET MAINTENANCE AND THE VERIFICATION OF DRINKING WATER ASSET INTEGRITY USING DRONES Andrea Clement Seqwater	<b>248</b> TRANSITION TO WATER SENSITIVE CITIES – HOW ARE WE PROGRESSING? Kim Markwell, CRC for Water Sensitive Cities Celeste Morgan, CRC for Water Sensitive Cities	<b>125</b> OVERLOADED - FLEET STANDARDISATION Simon Johnson, Queensland Urban Utilities	<b>421</b> WATER EFFICIENCY IN DEFENCE - FINDINGS SO FAR Adam Jones BMT WBM	<b>116</b> EVOLVING THE IAKWE SPIRIT – PLANNING WATER SERVICES IN THE MARSHALL ISLANDS Halston de Brum, Majuro Water & Sewer Company Kristina Hermens, Beca		
<b>286</b> MAKING EVERY DROP COUNT - HARNESSING HYDROELECTRICITY FROM MELBOURNE'S WATER SUPPLY Ian Royston Melbourne Water	<b>191</b> SEWER SCOUT - FLOATING DRONE 3D CONDITION ASSESSMENT OF SEWERS Steve Barclay Sydney Water	<b>224</b> BALLARAT CITY INTEGRATED WATER MANAGEMENT PLAN: A PROTOTYPE FOR URBAN AREAS AND REGIONAL CITIES John Frdelja, Central Highlands Water Celeste Morgan, E2Designlab	<b>66</b> DEVELOPING AN ONLINE STRATEGIC ASSET MANAGEMENT PLAN: A TOOL FOR INSPIRING CHANGE AND COLLABORATION Nazrul Islam Gippsland Water	<b>254</b> MACKAY REGIONAL COUNCIL - COST TO SERVE AND CUSTOMER EXPECTATIONS Linda Roberts Mackay Regional Council	<b>19</b> QUENCHING THE NEED FOR SAFE AND RELIABLE WATER IN REMOTE INDIGENOUS COMMUNITY Priyani Madan Arup		
<b>472</b> DEVELOPMENT OF NOVEL SODIUM-ION BATTERIES FOR OPERATION OF SEWAGE PUMPING STATIONS: DETERMINING ENERGY REQUIREMENTS Jonathan Knott, University of Wollongong Heriberto Bustamante, Sydney Water	<b>155</b> ROBOTIC PIPE PROBE TESTING FOR H2S CONCRETE DEGRADATION Robert Ross, La Trobe University Dean Barnett, Western Water, IWN	<b>172</b> THRIVING COMMUNITIES – HOW CITY WEST WATER'S URBAN WATER STRATEGY IS DRIVING IMPROVED COMMUNITY HEALTH AND WELLBEING Elisa Hunter City West Water	<b>62</b> REAL TIME CUSTOMER COMPLAINTS MAPPING ... WITH EXCEL Julien Anese Allwater	<b>372</b> LIVING WATER SMART IN DARWIN TO ACHIEVE FINANCIAL, SOCIAL AND ENVIRONMENTAL BENEFITS Jethro Laidlaw, Power and Water Corporation Trevor Durling, Power and Water Corporation	<b>143</b> 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		
<b>Pitch Presentation 41</b> 404 - OPERATING IN A SPOT-PRICE ELECTRICITY MARKET: WE CAN ALL BENEFIT Dan Ford Allwater	<b>Pitch Presentation 47</b> 43 - PREDICTING THE CORROSION OF CAST IRON PIPES: PRACTICAL APPLICATION. Tony Wells University of Newcastle	<b>Pitch Presentation 52</b> 140 - UNEARTHING THE PAST TO CHART THE FUTURE Troy Kasper Logan City Council	<b>Pitch Presentation 57</b> 289 - SURGING AHEAD FOR OPTIMISED MULTI-USE PUMP STATION CAPABILITY, AND SUPERIOR CUSTOMER OUTCOMES Heath Baker Melbourne Water	<b>Pitch Presentation 63</b> 431 - VICTORIAN DESALINATION PLANT - 2013 TO 2017 - A JOB WELL DONE Veronique Bonnelye SUEZ	<b>Pitch Presentation 69</b> 387 - BENDIGO GROUNDWATER PROJECT - A CASE STUDY IN COLLABORATION TO MITIGATE TIME CRITICAL ENVIRONMENTAL & PUBLIC AMENITY RISKS Mark Monaghan GHD		

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