




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
	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 Six
	Biosolids 	Condition Assessment	Building Water Smart Communities	AECOM	Next Generation Water Efficiency	Providing WasteWater Services		
	Pitch Presentation 35 160 - RECUPERATIVE THICKENING AT THE EASTERN TREATMENT PLANT: OPPORTUNITIES AND CHALLENGES Richard Lovett Melbourne Water	Pitch Presentation 41 429 - DISINFECTANT AND STRESS CRACK RESISTANT PE100 Jeroen Wassenaar Qenos	Pitch Presentation 47 444 - STRATEGIC APPLICATION OF CARBON AND ECOLOGICAL FOOTPRINT ACCOUNTING AT MELBOURNE WATER Christopher Dey Areté Sustainability	Pitch Presentation 52 28 - LEARNING ABOUT WATER FOR IRRIGATION, A CASE STUDY IN TASMANIA Melle Nikkels Tasmanian Institute of Agriculture	Pitch Presentation 57 412 - THE COST OF CONSERVATISM Adam Pearce WSP	Pitch Presentation 62 396 - MANAGEMENT IS NOT A DIRTY WORD: UNLOCKING THE POTENTIAL OF DECENTRALISED WASTEWATER SYSTEMS Ben Asquith Decentralised Water Consulting	 	Australian Water Association & Australian Water Partnerships Presents: VIETNAM - AUSTRALIA TWINNING OUTCOMES
	333 A HIDDEN GEM OR FOOLS GOLD: ADVANCED METHANE RECOVERY AT WASTEWATER TREATMENT PLANTS Mark Trickey, GHD Jackie Moss, 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	<i>Session in development</i>	428 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	337 SERVICING OF FRINGE DEVELOPMENTS THROUGH TEMPORARY WASTEWATER TREATMENT AND LAND IRRIGATION Tobias Chalmers Calibre Group		
1045 - 1215	355 SLUDGE TREATMENT OPTIONS ANALYSIS: INTEGRATED ANALYSIS OF THERMAL HYDROLYSIS AND RECUPERATIVE THICKENING Richard Lovett 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	<i>Session in development</i>	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, CRC for Water Sensitive Cities, Monash University Emma Church, CRC for Water Sensitive Cities, Monash University	<i>Session in development</i>	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		
	Pitch Presentation 36 23 - SHIFTING THE ENERGY BALANCE – DRIVING TOWARD ENERGY NEUTRAL WWTPS Sam Towndrow Evoqua Water Technologies	Pitch Presentation 42 37 - PRESSURE SEWER OPERATION AND MAINTENANCE EXPERIENCE – SUCCESS IN WHANGAREI, NEW ZEALAND Derek Lachut Environment One Corporation	Pitch Presentation 48 195 - PARTNERING FOR SUCCESS: SUPPORTING SYDNEY'S GROWTH Mark Simister, Sydney Water Geoff Shepherd, WSP	<i>Poster Pitch or Product Pitch Presentation spot available</i>	Pitch Presentation 58 401 - THE WATER INTELLIGENCE SYSTEM Hamed Hashem Abadi, Collab IT Systems Murray Leech, Collab IT Systems	Pitch Presentation 63 295 - COST EFFECTIVE RETROFIT OF A CONVENTIONAL PACKAGED PLANT FOR IMPROVED PERFORMANCE Julian Tickle Townsville Water		
1215 - 1315	LUNCH							

Product Pitch Presentation
Poster Pitch Presentation

Technical Presentation
Case study Presentation

* Correct at time of publication 12/02/2018


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
Climate Risk 	Data Analytics for Decision Making	Cool, Green Cities	AECOM	Approaches to Improve the Customer Experience	Drinking Water Supply	 	Institute for Sustainable Futures, UTS Presents: LEARNING TO DANCE WITH SYSTEMS: BUILDING THE CASE FOR STRENGTHENING SYSTEMS THINKING AND PRACTICES
Pitch Presentation 37 430 - DECIDING ON RELEASES THROUGH GATED SPILLWAYS DURING MAJOR FLOODS - WHICH RISK IS TO BE TAKEN? Greg McMahon GM McMAHON CONSULTANTS	Pitch Presentation 43 84 - INTELLIGENT ALARMING Dr Christian Michl KISTERS	Pitch Presentation 49 400 - SEWER ODOUR AND CORROSION MITIGATION FOR THE ELANORA CATCHMENT Kara Mueller City of Gold Coast	Pitch Presentation 53 186 - AGILITY AND RESPONSIVENESS: BUILDING A CUSTOMER-FOCUSSED UTILITY Christopher Gould, Sydney Water Sally Armstrong, Sydney Water	Pitch Presentation 59 415 - WET WEATHER OVERFLOWS - CAN THE CUSTOMER EXPERIENCE BE IMPROVED? Peter Smith Queensland Urban Utilities	Pitch Presentation 64 360 - UPGRADING TO A TREATED WATER SUPPLY – MORE THAN JUST TREATMENT Victoria Hart GWMWater		
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	89 WORKFORCE SKILLS OF THE FUTURE IN THE WATER SECTOR TO THE YEAR 2040 Dr Matt Pearce, KPMG Peter Gee, WSAA	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 Water Ryan Signor, AECOM	356 FROM WASTELAND TO WATERWAY: WATERWAYS AS GREEN INFRASTRUCTURE Stuart Cleven Alluvium Consulting	ACCENT SPEAKER CHANGE IS HARD, RUNNING FROM IT IS EVEN HARDER Kerryn Fewster Change2020	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 Greg Dworak, 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	389 BUILDING AN INNOVATION HUB TO INSPIRE A WORKFORCE AND ENGAGE A COMMUNITY Colin Chapman, Queensland Urban Utilities Jason Dwyer, Queensland Urban Utilities	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 Dimitry Lynas, Seqwater Jim Fear, Seqwater; Wendy Auton, Seqwater	35 PRACTICAL WATER QUALITY FORECASTING IN DRINKING WATER SUPPLY STORAGES 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 Keiran Smith, Hunter Water	102 STRESS OR JOY? CLONCURRY, REGIONAL QUEENSLAND - WATER SUPPLY CHALLENGES AND CONTINUAL IMPROVEMENT Tasleem Hasan, Viridis Consultants Megan Anderson, Cloncurry Shire Council		
Pitch Presentation 38 416 - ESTABLISHING A DIFFUSER BENCHMARKING TRIAL, OUTCOMES FROM CLEAN AND DIRTY WATER TESTING OF NEW DIFFUSERS Justin Watts Monadelphous Engineering	Pitch Presentation 44 437 - TRUE OR FALSE? – IN THIS SPACE, DATA MAY SOLVE THE MAZE – CONSUMPTION BEHAVIOUR ANALYSIS Israt Chowdhury, Seqwater; Phillip Chan, Seqwater Mark Askins, Seqwater	Poster Pitch or Product Pitch Presentation spot available	Pitch Presentation 54 188 - OLD KNOWLEDGE, NEW IDEAS: REVIVING SYDNEY WATER'S ENGINEERING COMMUNITY FOR BETTER CUSTOMER OUTCOMES Emily Ryan Sydney Water	Pitch Presentation 60 73 - CUSTOMER JOURNEY MAPS INFLUENCE BUSINESS PROCESS CHANGE TO IMPROVE CUSTOMER EXPERIENCE Dave Woodmore SA Water	Pitch Presentation 65 280 - BARRIERS REGIONAL UTILITIES FACE IN MEETING STANDARDS OF SERVICE Geraldine Terada-Bellis Viridis Consultants		

Product Pitch Presentation
Poster Pitch Presentation


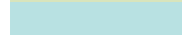


Technical Presentation
Case study Presentation

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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 	Melbourne Water Presents: MOVING TOWARDS A GENERATIVE SAFETY CULTURE ON A MAJOR CAPITAL WORKS PROGRAM
Pitch Presentation 39 417 - ADVANCED AERATION CONTROL: TUNING AERATION TO THE POLLUTION LOAD Caroline Herman Allwater	Pitch Presentation 45 60 - MAXIMISING ASSET PERFORMANCE IN A DIGITAL AND MORE SUSTAINABLE WORLD Igor Sadimenko EY	Pitch Presentation 50 264 - THE BERRIGAN SOLUTION: IMPROVED IRRIGATION OUTCOMES IN THE SOUTHERN RIVERINA Jorge Luengas, Murray Irrigation Greg Stevens, Ertech	Pitch Presentation 55 482 - SUPPORTING CAPITAL INVESTMENT DECISIONS IN WATER DISTRIBUTION SYSTEMS THROUGH QUANTIFIED RISK MODELLING Darren Broad Water Corporation	Pitch Presentation 61 359 - THE ECONOMIC INEFFICIENCY OF FIXED CHARGES FOR WATER SERVICES AND THE IMPLICATIONS FOR EFFICIENT WATER USE Michael Smit Kingspan	Pitch Presentation 66 328 - FLOOD STUDY OF ADELAIDE RIVER FLOODPLAIN Kok Keng Tan SMEC	 	Melbourne Water Presents: MOVING TOWARDS A GENERATIVE SAFETY CULTURE ON A MAJOR CAPITAL WORKS PROGRAM
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	248 TRANSITION TO WATER SENSITIVE CITIES – HOW ARE WE PROGRESSING? Kim Markwell, CRC for Water Sensitive Cities Celeste Morgan, CRC for Water Sensitive Cities	125 OVERLOADED - FLEET STANDARDISATION Simon Johnson, Queensland Urban Utilities Matthew Forner, Queensland Urban Utilities	421 WATER EFFICIENCY IN DEFENCE - FINDINGS SO FAR Adam Jones BMT WBM	116 EVOLVING THE IAKWE SPIRIT – PLANNING WATER SERVICES IN THE MARSHALL ISLANDS Halston de Brum, Majuro Water & Sewer Company 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	66 DEVELOPING AN ONLINE STRATEGIC ASSET MANAGEMENT PLAN: A TOOL FOR INSPIRING CHANGE AND COLLABORATION Nazrul Islam Gippsland Water	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	62 REAL TIME CUSTOMER COMPLAINTS MAPPING ... WITH EXCEL Julien Anese Allwater	372 LIVING WATER SMART IN DARWIN TO ACHIEVE FINANCIAL, SOCIAL AND ENVIRONMENTAL BENEFITS Jethro Laidlaw, Power and Water Corporation Trevor Durling, 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		
Pitch Presentation 40 404 - OPERATING IN A SPOT-PRICE ELECTRICITY MARKET: WE CAN ALL BENEFIT Dan Ford Allwater	Pitch Presentation 46 43 - PREDICTING THE CORROSION OF CAST IRON PIPES: PRACTICAL APPLICATION. Tony Wells University of Newcastle	Pitch Presentation 51 140 - UNEARTHING THE PAST TO CHART THE FUTURE Troy Kasper Logan City Council	Pitch Presentation 56 289 - SURGING AHEAD FOR OPTIMISED MULTI-USE PUMP STATION CAPABILITY, AND SUPERIOR CUSTOMER OUTCOMES Heath Baker Melbourne Water	<i>Poster Pitch or Product Pitch Presentation spot available</i>	Pitch Presentation 67 387 - BENDIGO GROUNDWATER PROJECT - A CASE STUDY IN COLLABORATION TO MITIGATE TIME CRITICAL ENVIRONMENTAL & PUBLIC AMENITY RISKS Mark Monaghan GHD		

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