







0830 - 1000	OPENING CEREMONY KEYNOTE SESSION Dr Adriana Marais Dr Alan Duffy	
1000 - 1045	MORNING TEA (EXHIBITION HALL)	
1045 - 1215	ROOM - M3	ROOM - M4
	Excellence in Operations & Asset Management	
	Network Optimisation 	Demand Management 
	P1/330 - WESTERN ADELAIDE WASTEWATER NETWORK UPGRADE: THE ISSUES FACING LARGE SEWER PROJECTS WITHIN A CAPITAL CITY John Skirrow, WSP	P7/194 - SYNTHETIC WEATHER GENERATOR TO SIMULATE DEMAND SCENARIOS Frank Spaninks, Sydney Water
	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
	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
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	
P2/204 - RAPID OPTIMISATION OF A WET- TO ALL-WEATHER PUMP STATION CONVERSION USING CFD MODELLING Eric Lemont, AECOM	P8/65 - EUROPEAN TECHNOLOGY PROVIDES LOWEST AERATION SYSTEM LIFECYCLE COST Michael Jakob, Parkson	
1215 - 1315	LUNCH (EXHIBITION HALL)	
1315 - 1515	ROOM - M3	ROOM - M4
	Water Network Monitoring 	Integrated & Strategic Planning 
	P3/342 - WHO'S WORKING ON YOUR PIPES? THE EVOLUTION OF NETWORK ACCESS Igor Jungic, Queensland Urban Utilities	P9/38 - HOSTALEN PP H2483 - A POLYPROPYLENE COPOLYMER WITH EXCEPTIONAL MECHANICAL PROPERTIES BALANCE BY HMC POLYMERS Dr. Andreas Neumann, HMC Polymers
	75 ADELAIDE CBD SMART WATER NETWORK Peter Seltikas, SA Water Dr Helen Edmonds, SA Water	ACCENT SPEAKER WILL WASTEWATER BE THE NEW BLACK? Prof Pascal Perez, SMART Infrastructure Facility, University of Wollongong
	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
	162 EYES IN THE NETWORK - HOW THE 'HYDRANT INSERTION DEVICE' ENABLES GREATER REALTIME MONITORING Greg Chalmers, CMP Consulting Group Henk Buchner, Verge Solutions	180 EFFECTIVE RENEWALS PLANNING PROCESS WITH ROBUST INVESTMENT PLANNING FOR TREATMENT OPERATING ASSETS IN SYDNEY WATER Nandu Marathe, Sydney Water Konrad Kempe, Sydney Water
	368 ONLINE WATER QUALITY MONITORING AND INSTRUMENTS - THE VOICE OF EXPERIENCE Professor 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
	P4/275 - DETERMINING POPULATION NUMBERS TO UPDATE DRINKING WATER QUALITY SAMPLING PROGRAMS Carlota Rodriguez, City West Water	P10/190 - INTEGRATED WASTEWATER SERVICING OVER THREE CATCHMENTS, SYDNEY, AUSTRALIA Django Seccombe, Sydney Water Phil Von Huben, ENSure Joint Venture
1515 - 1600	AFTERNOON TEA (EXHIBITION HALL)	
1600 - 1730	ROOM - M3	ROOM - M4
	Water Network Monitoring 	Environmental Management 
	P5/464 - TRIMBLE UNITY: SMART WATER MANAGEMENT Brad Dalton, SmartTech Australia	P11/265 - SIMULATING A CARP VIRUS RELEASE TO QUANTIFY THE IMPACT OF DECAYING FISH ON WATER QUALITY Joe Pera, WaterNSW
	108 LEAK DETECTION IN THE ADELAIDE CBD WATER NETWORK USING PERMANENT ACOUSTIC MONITORING Luke Dix, SA Water	211 SIMPLE MODELLING OF WATER QUALITY RISKS TO WATERWAYS FROM WASTEWATER DISCHARGES Dr Bonnie Bonneville, Jacobs
	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
	165 CRAIGIEBURN SEWAGE TRANSFER HUB - SERVICING GROWTH THROUGH INNOVATION AND COLLABORATION Paul Patrick, Yarra Valley Water Paul Luscombe, Jacobs	52 AN INNOVATIVE APPROACH TO VALUING ENVIRONMENTAL IMPACTS OF SEWAGE SPILLS Duncan Sinclair, South East Water Amelia French, CDM Smith
P6/442 - THE PRACTICAL USE OF ELECTRONIC SURVEILLANCE FOR PROTECTION OF DRINKING WATER SOURCES Jerome Douzich, Aroona Alliance	P12/411 - IMPROVING WATER QUALITY OFF NEWCASTLE'S BEACHES: THE BURWOOD BEACH WWTW UV DISINFECTION UPGRADE Julian Briggs, Aurecon	
1730 - 1830	HAPPY HOUR AT THE GENTRACK CLUB HOUSE IN EXHIBITION HALL	

MORNING TEA (EXHIBITION HALL)

ROOM - M2	ROOM - P1
Community Health & Wellbeing	Trends & Opportunities in Governance Policy, Regulation & Structure
Managing Public Health in the Regions	Trends in Governance and Policy Development in a Changing World
P13/307 - IMPROVING DRINKING WATER MANAGEMENT IN WALCHA NEW SOUTH WALES SUPPORTED BY REGULATION Tess Dawson, Walcha Council Tasleem Hasan, Viridis Consultants	P19/126 - GYMPIE REGION WATER BUSINESS UNIT JOURNEY TO 2020 Sayed Khan, Gympie Regional Council
158 COLLABORATIVE IMPLEMENTATION OF DRINKING WATER MANAGEMENT PLANS THROUGH WATER QUALITY COMMITTEE MEETINGS Lisa Procter, Hunter H2O	ACCENT SPEAKER HOW THE B CORP MOVEMENT IS REDEFINING SUCCESS IN BUSINESS Monica Bradley, B Lab Australia
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
406 SUSTAINED IMPROVEMENT IN WATER QUALITY THROUGH APPLYING A PREVENTIVE RISK MANAGEMENT APPROACH Zenah Bradford-Hartke, 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
P14/239 - A REVISED VICTORIAN CODE OF PRACTICE FOR FLUORIDATION OF DRINKING WATER SUPPLIES Gwynneth Rice, Beca	P20/290 - A RESILIENT WATER FUTURE FOR THE LOWER HUNTER REGION Emma Berry, Hunter Water

LUNCH (EXHIBITION HALL)

ROOM - M2	ROOM - P1
Securing Public Health	IWCM: How do we Pay for it & How do we Regulate it?
P15/402 - RESERVOIR MANAGEMENT - IT'S ALL ABOUT THE LITTLE THINGS Leah Sertorio, Queensland Urban Utilities	P21/319 - AUSTRALIA AND NEW ZEALAND NATIONAL WATER CONSUMER SURVEY INSIGHTS Myles Rogerson, Arup
260 A NEW APPROACH TO ASSESSING WATER QUALITY RISK - 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
325 PRACTICAL MONITORING AND AUTOMATED REPORTING ON HEALTH BASED TARGETS Phil Wootton, Allwater	413 SYSTEMS ANALYSIS AND BIG DATA REVEALS ECONOMIC EFFICIENCY OF SOLUTIONS AT MULTIPLE SCALES Professor Peter Coombes, Urban Watercycle Solutions
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
153 HAVELOCK NORTH WATER SUPPLY 2016 OUTBREAK Andrew Watson, Beca Noel Roberts, Water New Zealand	324 EFFECTS BASED ASSESSMENT FRAMEWORK FOR MANAGEMENT OF WET WEATHER SEWER OVERFLOWS Frances Rutledge, Hunter Water
P16/403 - CHARACTERISATION OF NANOMATERIALS IN COMPLEX MATRICIES AT ENVIRONMENTALLY RELEVANT CONCENTRATIONS BY SINGLE-PARTICLE ICP-MS Dr Asa Jamting, National Measurement Institute	P22/163 - ESTUARY MODELLING FOR INTEGRATED PLANNING OF FIVE WWTWS IN THE HUNTER RIVER ESTUARY, NSW - A CASE STUDY (2015-19) Zoe Rogers, Hunter Water



AFTERNOON TEA (EXHIBITION HALL)

ROOM - M2	ROOM - P1
Emerging Contaminants	Getting Investment Right
P17/36 - MANAGING THE PFAS ISSUE Dr Peter Nadebaum, GHD	P23/376 - SOCIOECONOMIC IMPACTS OF THE MURRAY DARLING BASIN PLAN IN VICTORIA Jane Ryan, DELWP
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
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
218 OPTIONS AND CHALLENGES FOR PFAS REMOVAL IN WATER TREATMENT Dr Yaode Yan, Hunter H2O	115 AUSTRALIAN URBAN WATER RESEARCH - COSTS, BENEFITS AND A SMARTER FUNDING MODEL Peter Dillon, WGA Pty Ltd Neil Palmer, Tonkin Consulting
P18/103 - AN EVALUATION OF SAMPLING METHODS FOR EMERGING CONTAMINANTS USING A COMPUTATIONAL APPROACH Christine Close, RMIT University	P24/267 - BUILDING CUSTOMER PREFERENCES INTO ASSET MANAGEMENT DECISIONS Katherine Larkings, Icon Water


HAPPY HOUR AT THE GENTRACK CLUB HOUSE IN EXHIBITION HALL

0830 - 1000	OPENING CEREMONY KEYNOTE SESSION Dr Adriana Marais Dr Alan Duffy	
1000 - 1045	MORNING TEA (EXHIBITION HALL)	
1045 - 1215	<p>ROOM - P2</p> <p>Working with Customers</p> <p>Enhancing Customer Experience Through Transformation</p> <p>P25/309 ASSESSING ORGANISATIONAL MATURITY Libby Vojin, SA Water Lachlan McInnes, Nova Systems</p> <p>59 IS IT TIME FOR WATER UTILITIES TO RETHINK DIGITAL INNOVATION THROUGH A BUSINESS LENS? Stuart Hartley, EY</p> <p>189 SYDNEY WATER'S CUSTOMER HUB: TOWARDS AN ENHANCED CUSTOMER EXPERIENCE Darren Cash, Sydney Water</p> <p>471 MELBOURNE WATER DIGITAL CUSTOMER TRANSFORMATION Lee Quach, Melbourne Water Breeana Webster, Melbourne Water</p> <p>P26/68 - MURRAY IRRIGATION - MODERNISING THE SOUTHERN RIVERINA Michael Renehan, Murray Irrigation</p>	<p>ROOM - P3</p> <p>Global Perspectives</p> <p>Achieving SDGs</p> <p>P31/484 - TIPOTAPP - MOBILITY AND CLOUD APPS IN WATER MADE EASY Peter Wojciechowski, Collab IT Systems</p> <p>192 ONE SIZE DOESN'T FIT ALL: SCALING WATER SOLUTIONS TO ACHIEVE THE GLOBAL SUSTAINABLE DEVELOPMENT GOALS Shona Fitzgerald, Sydney Water</p> <p>227 BRIDGING THE GAP: BUILDING HUMAN RESOURCE CAPACITY IN CAMBODIA FOR SUSTAINABLE DEVELOPMENT IN WASH SECTOR Fatima Shehata, Center for Sustainable Water</p> <p>ACCENT SPEAKER AN INTRODUCTION TO SDG BONDS AND IMPLICATIONS FOR FINANCE IN THE WATER SECTOR Andrew Lawson, ANZ Bank</p>
1215 - 1315	LUNCH (EXHIBITION HALL)	
1315 - 1515	<p>ROOM - P2</p> <p>What does it mean to be Customer Centric?</p> <p>P27/80 - IMPROVING THE CUSTOMER EXPERIENCE, ONE SMALL GESTURE AT A TIME Helen Spencer, SA Water</p> <p>152 PERSONALISED & EMPATHETIC CUSTOMER MANAGEMENT - WHAT AUSTRALIAN WATER SECTOR CAN LEARN FROM GLOBAL EXPERIENCE Cassandra Hogan, KPMG</p> <p>382 YARRA VALLEY WATER CITIZENS' JURY David Snadden, Yarra Valley Water</p> <p>241 #CUSTOMERSFIRST: A LOVE STORY Sophea Eng, City West Water</p> <p>259 TASWATER'S APPROACH TO PUTTING CUSTOMERS AT THE HEART OF OUR LONG TERM STRATEGIC PLAN Eamon Sullivan, TasWater</p> <p>P28/332 - MACKAY SMART SEWERS - USING LOW COST REAL-TIME TECHNOLOGY FOR IMPROVED SEWER SYSTEM UNDERSTANDING Kylie Rogers, Mackay Regional Council</p>	<p>ROOM - P3</p> <p>International Experience of Innovative Investment</p> <p>P32/349 - NUTRIENT REMOVAL SEWAGE TREATMENT IN DEVELOPING COUNTRIES - BETTERING PUBLIC HEALTH AND THE ENVIRONMENT IN MANILA Brett Eaton, Cardno</p> <p>408 ASSESSING THE LONG TERM INVESTMENT NEEDS OF THE UK WATER INDUSTRY - ARE WE DOING ENOUGH? George Heywood, Servelec Technologies Luke Hart, Servelec Technologies</p> <p>118 INTERNATIONAL COLLABORATION TO EVALUATE THE COSTS AND BENEFITS OF WATER INFRASTRUCTURE INVESTMENTS IN THE PHILIPPINES Nick Clarke, Aither</p> <p>321 REDUCING WASTEWATER OVERFLOWS: A PRAGMATIC APPROACH TO OPTIMISE CAPITAL INVESTMENT IN CHRISTCHURCH Joel Wilson, WCS Engineering Bridget O'Brien, Christchurch City Council</p> <p>256 AN INNOVATION FRAMEWORK FOR THE PHILIPPINE WATER MARKET Monica Bennett, Isle Utilities Yang Villa, Isle Utilities</p> <p>P33/240 - INTRODUCING A WATER INNOVATION STRATEGY: A CHANGE THAT ADDS VALUE Bronwen Sharples, TasWater</p>
1515 - 1600	AFTERNOON TEA (EXHIBITION HALL)	
1600 - 1730	<p>ROOM - P2</p> <p>Are we Thinking about our Commercial Customers?</p> <p>P29/369 - THE JOURNEY TOWARD MEANINGFUL, CONTEMPORARY ENGAGEMENT Andrew Rose, GWMWater</p> <p>ACCENT SPEAKER WORKING WITH CUSTOMERS - AN INDUSTRY PERSPECTIVE Scott Edwards, Coca-Cola Amatil</p> <p>170 GROWING THE BAROSSA THROUGH CUSTOMER COLLABORATION Lynda Hamden, SA Water</p> <p>87 ADVANCING WATER CONSERVATION - CASE STUDIES FROM THE AUSTRALIAN MEAT PROCESSING CORPORATION Jane Gaffel, The Ecoefficiency Group</p> <p>P30/146 - HYDRONET RAINWATCH - FORECASTED, OBSERVED AND HISTORICAL WEATHER DATA AT YOUR FINGERTIPS Brian Jackson, Water Technology</p>	<p>ROOM - P3</p> <p>Water's Contribution to Energy Security</p> <p>P33/92 - ZEELUNG MEMBRANE AERATED BIOFILM REACTOR (MABR): AN INNOVATIVE AND ENERGY EFFICIENT NUTRIENT REMOVAL SOLUTION Sean Cohen, SUEZ</p> <p>323 REALISED RESULTS OF A 2.5 YEAR ENERGY OPTIMISATION INITIATIVE IMPLEMENTED AT 9 SEWAGE TREATMENT PLANTS Nicholas Collins, Stantec Michael Thomas, Unitywater</p> <p>296 THIRSTY ENERGY: INTEGRATED THINKING AND PLANNING REQUIRED TO SUSTAINABLY MANAGE THE WATER-ENERGY-CLIMATE NEXUS James Cullis, Aurecon</p> <p>297 LISMORE SEWAGE TREATMENT PLANT REALIZES AUSTRALIA'S FIRST COMMUNITY FUNDED, COUNCIL OWNED FLOATING SOLAR SYSTEM Geoff Fussell, Suntrix</p> <p>P35/187 - WWTP ENERGY EFFICIENCY BENCHMARKING CONFIRMS NEED FOR CONTINUOUS IMPROVEMENT Greg Appleby, Sydney Water George Charakos, Melbourne Water</p>
1730 - 1830	HAPPY HOUR AT THE GENTRACK CLUB HOUSE IN EXHIBITION HALL	

MORNING TEA (EXHIBITION HALL)

ROOM - PLAZA GALLERY	ROOM - P4 & P5	ROOM - SKY ROOM
Water Leaders Forum (Invite Only)	Workshop / Panel One	Emerging Water Leaders
Proudly Sponsored by: 		Proudly Sponsored by: 
	W 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 (Refer to page 32 for more information)	WATER: COST VS VALUE (Refer to page 11 for more information)




LUNCH (EXHIBITION HALL)

ROOM - M1	ROOM - P4 & P5	ROOM - SKY ROOM
Workshop / Panel Two	Workshop / Panel Three	Emerging Water Leaders
		Proudly Sponsored by: 
W Yarra Valley Water Presents: YOU ARE WHAT YOU BUY - OPTIMISING SOCIAL VALUE THROUGH OUR SUPPLY CHAIN (Refer to page 33 for more information)	W Australian Water Association's Asset Management Specialist Network Presents: ORGANISATIONAL SUCCESS AND CUSTOMER OUTCOMES THROUGH A STRONG ASSET MANAGEMENT CULTURE (Refer to page 34 for more information)	WATER: COST VS VALUE (Refer to page 11 for more information)

AFTERNOON TEA (EXHIBITION HALL)

ROOM - M1	ROOM - P4 & P5	ROOM - SKY ROOM
Workshop / Panel Four	Workshop / Panel Five	Student Water Prize National Finalist Presentations
		DEFINING RISK-BASED ODOUR BUFFER ZONES FOR DARWIN'S WASTEWATER TREATMENT FACILITIES: ODOUR DISPERSION MODELLING AND FIELD OLFACTOMETRY Themeli Mousellis, Charles Darwin University
P 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? (Refer to page 35 for more information)	W Australian Water Association & Australian Water Partnership Presents: WOMEN OF WATER (Refer to page 36 for more information)	INVESTIGATION OF BORE CONDITION ASSESSMENT METHODOLOGIES AND DETERMINATION OF REMAINING SERVICE LIFE Sean Ding, University of Western Australia & Water Corporation
		QUANTIFYING WASTEWATER DEWATERABILITY FOR IMPROVED WATER RECYCLING Samuel Skinner, The University of Melbourne
		ROBUST SENSOR TECHNOLOGIES COMBINED WITH SMART PREDICTIVE ANALYTICS FOR MODELLING CONCRETE CORROSION IN SEWERS Karthick Thiyagarajan, University of Technology Sydney
		SMART MONITORING FOR MICROBIAL RISK ASSESSMENT Sarah Aucote, Flinders University
		UNDERSTANDING THE ECOLOGICAL BASIS FOR HUMAN HEALTH RISKS ASSOCIATED WITH DRINKING WATER DRAWN FROM A SUB-TROPICAL FRESHWATER CATCHMENT Adam Rose, CQUniversity

HAPPY HOUR AT THE GENTRACK CLUB HOUSE IN EXHIBITION HALL

0830 - 1000	KEYNOTE SPEAKER SESSION Mark Pesce Marita Cheng	
1000 - 1045	MORNING TEA (EXHIBITION HALL)	
1045 - 1215	ROOM - M1	ROOM - M2
	Excellence in Operations & Asset Management	
	Biosolids 	
	P36/160 - RECUPERATIVE THICKENING AT THE EASTERN TREATMENT PLANT: OPPORTUNITIES AND CHALLENGES Richard Lovett, Melbourne Water	P42/429 - DISINFECTANT AND STRESS CRACK RESISTANT PE100 Jeroen Wassenaar, Genos
	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 Anton Bardak, SMEC Dr Luke Menefy, SMEC
	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 Rochelle Bosworth, Aurecon
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	
P37/23 - SHIFTING THE ENERGY BALANCE - DRIVING TOWARD ENERGY NEUTRAL WWTPS Sam Towndrow, Evoqua Water Technologies	P43/37 - PRESSURE SEWER OPERATION AND MAINTENANCE EXPERIENCE - SUCCESS IN WHANGAREI, NEW ZEALAND Derek Lachut, Environment One Corporation	
1215 - 1315	LUNCH (EXHIBITION HALL)	
1315 - 1515	ROOM - M1	ROOM - M2
	Climate Risk 	
	P38/430 - DECIDING ON RELEASES THROUGH GATED SPILLWAYS DURING MAJOR FLOODS - WHICH RISK IS TO BE TAKEN? Greg McMahon, GM McMAHON CONSULTANTS	P44/84 - WATER ANALYTICS SUITE FOR WATER UTILITIES, CASE STUDY - INTELLIGENT ALARMING Dr Christian Michl, KISTERS
	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
	120 DEVELOPING AN ENERGY STRATEGY FOR QUEENSLAND URBAN UTILITIES Glen Taylor, Queensland Urban Utilities	156 INTEGRATED DATA AND ASSET MANAGEMENT APPROACH IDENTIFIES OPTIMAL LEVEL OF DATA IMPROVING WATER SUPPLY EFFICIENCIES Edgar H Johnson, GHD
	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
	483 DROUGHT RESPONSE PLANNING AND MAKING IT HAPPEN Dimitry Lynas, Seqwater Jim Fear, Seqwater	35 PRACTICAL WATER QUALITY FORECASTING IN DRINKING WATER SUPPLY STORAGE FOR OPERATIONAL DECISION MAKING Jason Antenucci, DHI Group
	P39/416 - ESTABLISHING A DIFFUSER BENCHMARKING TRIAL, OUTCOMES FROM CLEAN AND DIRTY WATER TESTING OF NEW DIFFUSERSH Justin Watts, Monadelphous Engineering	P45/437 - TRUE OR FALSE? - IN THIS SPACE, DATA MAY SOLVE THE MAZE - CONSUMPTION BEHAVIOUR ANALYSIS Israt Chowdhury, Seqwater Phillip Chan, Seqwater Mark Askins, Seqwater
1515 - 1600	AFTERNOON TEA (EXHIBITION HALL)	
1600 - 1730	ROOM - M1	ROOM - M2
	Energy Management 	
	P40/417 - ADVANCED AERATION CONTROL: TUNING AERATION TO THE POLLUTION LOAD Caroline Herman, Allwater	P46/60 - MAXIMISING ASSET PERFORMANCE IN A DIGITAL AND MORE SUSTAINABLE WORLD Simon Chan, EY
	377 FLOATING SOLAR ARRAYS: POWERING OFF-THE-GRID WATER TREATMENT PLANTS OF THE FUTURE Nikhil Khuranar, GHD	70 ASSET MAINTENANCE AND THE VERIFICATION OF DRINKING WATER ASSET INTEGRITY USING DRONES Andrea Clement, Seqwater
	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
	472 DEVELOPMENT OF NOVEL SODIUM-ION BATTERIES FOR OPERATION OF SEWAGE PUMPING STATIONS: DETERMINING ENERGY REQUIREMENTS Dr Jonathan Knott, University of Wollongong Dr Heriberto Bustamante, Sydney Water	155 ROBOTIC PIPE PROBE TESTING FOR H2S CONCRETE DEGRADATION Robert Ross, La Trobe University Dean Barnett, Western Water, IWN
P41/404 - OPERATING IN A SPOT-PRICE ELECTRICITY MARKET: WE CAN ALL BENEFIT Dan Ford, Allwater	P47/43 - PREDICTING THE CORROSION OF CAST IRON PIPES: PRACTICAL APPLICATION. Tony Wells, University of Newcastle	
1830 - 2300	Ozwater'18 GALA DINNER & AUSTRALIAN WATER AWARDS (TICKET REQUIRED)	

KEYNOTE SPEAKER SESSION | Mark Pesce | Marita Cheng

MORNING TEA (EXHIBITION HALL)

ROOM - P3	ROOM - P4 & P5
Strengthening Communities	Inspiring Change, People & Organisations in the Water Sector
Building Water Smart Communities	Skills of the Future
P48/444 - STRATEGIC APPLICATION OF CARBON AND ECOLOGICAL FOOTPRINT ACCOUNTING AT MELBOURNE WATER Christopher Dey, Areté Sustainability	P54/28 - LEARNING ABOUT WATER FOR IRRIGATION, A CASE STUDY IN TASMANIA Melle Nikkels, Tasmanian Institute of Agriculture
178 MORE THAN SEWAGE TREATMENT SERVICES - ADDING VALUE TO THE MALENY COMMUNITY Kylie Crouch, Unitywater Ramraj Kulkarni, Unitywater Scott Lowe, Unitywater	ACCENT SPEAKER PERSPECTIVES OF INTERNATIONAL BEST PRACTICE FOR PROMOTING ENGAGEMENT OF GIRLS IN STEM Sarah Chapman, Townsville State High School
418 GREEN SQUARE WATER REUSE - IMPLEMENTING DECENTRALISED STORMWATER RECYCLING IN SYDNEY'S NEW TOWN CENTRE Ebony Heslop, City of Sydney	89 WORKFORCE SKILLS OF THE FUTURE IN THE WATER SECTOR TO THE YEAR 2040 Dr Matt Pearce, KPMG Peter Gee, WSAA
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	IN CONVERSATION IN CONVERSATION AND Q&A SESSION WITH, Sarah Chapman, Dr Matt Pearce & Peter Gee on 'SKILLS OF THE FUTURE'
P49/195 - PARTNERING FOR SUCCESS: SUPPORTING SYDNEY'S GROWTH Mark Simister, Sydney Water Geoff Shepherd, WSP	

LUNCH (EXHIBITION HALL)

ROOM - P3	ROOM - P4 & P5
Cool, Green Cities	Inspiring Change
P50/400 - SEWER ODOUR AND CORROSION MITIGATION FOR THE ELANORA CATCHMENT Kara Mueller, City of Gold Coast	P55/186 - TRANSFORMATION AND RESPONSIVENESS: BUILDING A CUSTOMER-FOCUSED UTILITY Peter Lemon, Sydney Water
397 ADELAIDE AIRPORT HEAT REDUCTION Greg Ingleton, SA Water	ACCENT SPEAKER CHANGE IS HARD, RUNNING FROM IT IS EVEN HARDER Kerryn Fewster, Change2020
356 FROM WASTELAND TO WATERWAY: WATERWAYS AS GREEN INFRASTRUCTURE Stuart Clevin, Alluvium Consulting	151 DIGITAL MATURITY ROADMAP PROJECT Peter Gee, WSAA
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
34 THE GOPP GREEN GRID - MAKING SYDNEY'S NEW HEART COOLER AND GREENER Alan Hoban, Bligh Tanner Phil Birtles, Sydney Water	362 THAT'S MY WATER! CREATING A GENERATIONAL CHANGE IN COMMUNITY ATTITUDES Joel Spry, Power & Water Corporation
P51/340 - LOW AERATION FOR IMPROVED NITROGEN REMOVAL AT WESTERN TREATMENT PLANT Aprilia Vellacott, Jacobs	P56/188 - OLD KNOWLEDGE, NEW IDEAS: REVIVING SYDNEY WATER'S ENGINEERING COMMUNITY FOR BETTER CUSTOMER OUTCOMES Emily Ryan, Sydney Water

AFTERNOON TEA (EXHIBITION HALL)

ROOM - P3	ROOM - P4 & P5
Demonstrating Value in Water Smart Cities	Systems & Standardisations
P52/264 - THE BERRIGAN SOLUTION: IMPROVED IRRIGATION OUTCOMES IN THE SOUTHERN RIVERINA Jorge Luengas, Murray Irrigation Greg Stevens, Ertech	P57/482 - SUPPORTING CAPITAL INVESTMENT DECISIONS IN WATER DISTRIBUTION SYSTEMS THROUGH QUANTIFIED RISK MODELLING Darren Broad, Water Corporation
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
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 Kristina Campbell, KPMG
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
P53/140 - UNEARTHING THE PAST TO CHART THE FUTURE Troy Kasper, Logan City Council	P58/289 - DEVELOPING CONTROL ROOM STAFF CAPABILITY TO DELIVER ON FUTURE STRATEGY Scott Northcott, Water Corporation

Ozwater'18 GALA DINNER & AUSTRALIAN WATER AWARDS (TICKET REQUIRED)

0830 - 1000	KEYNOTE SPEAKER SESSION Mark Pesce Marita Cheng	
1000 - 1045	MORNING TEA (EXHIBITION HALL)	
1045 - 1215	ROOM - P2	ROOM - P1
	Working with Customers	Servicing & Supporting Rural, Remote & Regional Areas
	Next Generation Water Efficiency	Providing Wastewater Services
	P59/412 - THE COST OF CONSERVATISM Adam Pearce, WSP	P65/396 - MANAGEMENT IS NOT A DIRTY WORD: UNLOCKING THE POTENTIAL OF DECENTRALISED WASTEWATER SYSTEMS Ben Asquith, Decentralised Water Consulting
	428 NEXT GENERATION WATER EFFICIENCY: LOOKING OVER THE HORIZON Simon Fanes, Institute for Sustainable Futures	337 SERVICING OF FRINGE DEVELOPMENTS THROUGH TEMPORARY WASTEWATER TREATMENT AND LAND IRRIGATIONS Tobias Chalmers, Calibre Group
	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
	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 Terry Fagg, Western Downs Regional Council
	P60/401 - THE WATER INTELLIGENCE SYSTEM Hamed Hashem Abadi, Collab IT Systems Murray Leech, Collab IT Systems	P66/295 - COST EFFECTIVE RETROFIT OF A CONVENTIONAL PACKAGED PLANT FOR IMPROVED PERFORMANCE Julian Tickle, Townsville Water
1215 - 1315	LUNCH (EXHIBITION HALL)	
1315 - 1515	ROOM - P2	ROOM - P1
	Approaches to Improve the Customer Experience	Drinking Water Supply
	P61/415 - WET WEATHER OVERFLOWS - CAN THE CUSTOMER EXPERIENCE BE IMPROVED? Peter Smith, Queensland Urban Utilities	P67/360 - UPGRADING TO A TREATED WATER SUPPLY - MORE THAN JUST TREATMENT Mark Ferguson, GWMWater
	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
	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
	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, AND ENTEROCOCCI BACTERIA Doug Wilton, Tecta-PDS
	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
	P62/73 - CUSTOMER JOURNEY MAPS INFLUENCE BUSINESS PROCESS CHANGE TO IMPROVE CUSTOMER EXPERIENCE Dave Woodmore, SA Water	P68/280 - BARRIERS REGIONAL UTILITIES FACE IN MEETING STANDARDS OF SERVICE Geraldine Terada-Bellis, Viridis Consultants
1515 - 1600	AFTERNOON TEA (EXHIBITION HALL)	
1600 - 1730	ROOM - P2	ROOM - P1
	Real Life Case Studies in Water Efficiency	Remote & Off-Grid Solutions
	P63/359 - THE ECONOMIC INEFFICIENCY OF FIXED CHARGES FOR WATER SERVICES AND THE IMPLICATIONS FOR EFFICIENT WATER USE Nicholas Michael Smit, Kingspan	P69/328 - FLOOD STUDY OF ADELAIDE RIVER FLOODPLAIN Kok Keng Tan, SMEC
	421 WATER EFFICIENCY IN DEFENCE - FINDINGS SO FAR Adam Jones, BMT WBM Helen O'Shaughnessy, Department of Defence	116 EVOLVING THE IAKWE SPIRIT - PLANNING WATER SERVICES IN THE MARSHALL ISLANDS Kristina Hermens, Beca Andrew Watson, Beca
	254 MACKAY REGIONAL COUNCIL - LEAK DETECTION, DRIVING CUSTOMER BEHAVIOUR AND REDUCING COST TO SERVE Linda Roberts, Mackay Regional Council	19 QUENCHING THE NEED FOR SAFE AND RELIABLE WATER IN REMOTE INDIGENOUS COMMUNITY Priyani Madan, Arup
	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
	P64/431 - VICTORIAN DESALINATION PLANT - 2013 TO 2017 - A JOB WELL DONE Veronique Bonnelle, SUEZ	P70/387 - BENDIGO GROUNDWATER PROJECT - A CASE STUDY IN COLLABORATION TO MITIGATE TIME CRITICAL ENVIRONMENTAL & PUBLIC AMENITY RISKS Mark Monaghan, GHD
1830 - 2300	Ozwater'18 GALA DINNER & AUSTRALIAN WATER AWARDS (TICKET REQUIRED)	

KEYNOTE SPEAKER SESSION | Mark Pesce | Marita Cheng

MORNING TEA (EXHIBITION HALL)

ROOM - M3

ROOM - M4

Policy Program

Workshop / Panel Six



GROWTH: URBAN WATER CAN MEET THE CHALLENGE
(Refer to page 14 for more information)

W

Australian Water Association & Australian Water Partnership Presents:
VIETNAM - AUSTRALIA WATER UTILITY IMPROVEMENT
PROGRAM OUTCOMES
(Refer to page 37 for more information)

LUNCH (EXHIBITION HALL)

ROOM - M3

ROOM - M4

Policy Program

Workshop / Panel Seven



THE TRUST EQUATION
(Refer to page 14 for more information)

W

Institute for Sustainable Futures, UTS Presents:
LEARNING TO DANCE WITH SYSTEMS: BUILDING THE CASE FOR
STRENGTHENING SYSTEMS THINKING AND PRACTICES
(Refer to page 38 for more information)

AFTERNOON TEA (EXHIBITION HALL)

ROOM - M3

ROOM - M4

Policy Program

Workshop / Panel Eight



CLOSING THE GAP
(Refer to page 15 for more information)

P

Melbourne Water Presents:
MOVING TOWARDS A GENERATIVE SAFETY CULTURE
ON A MAJOR CAPITAL WORKS PROGRAM
(Part of the Industry Safety and Wellbeing Program)
(Refer to page 39 for more information)

Ozwater'18 GALA DINNER & AUSTRALIAN WATER AWARDS (TICKET REQUIRED)

0900 - 1030	ROOM - M1	ROOM - M2
	Excellence in Operations & Asset Management	Excellence in Operations & Asset Management
	Data to Information	Water Treatment
	P671/441 - WASTEWATER TREATMENT OPERATIONAL IMPROVEMENT THROUGH LIVE PLANT PERFORMANCE DATABASE Bradley Shand, Aroona Alliance	P75/447 - ADVANCING PIPE INDUSTRY WITH DISINFECTANT AND STRESS CRACK RESISTANT PE100 Patrik Schneider, LyondellBasell
	148 IMPROVING FIELD AND ASSET MANAGEMENT COLLABORATION WITH NEXT GENERATION INTEGRATED APPLICATIONS Ivan Beirne, Unitywater	181 MAXIMISING PLANT CAPACITY - NOVEL INSTRUMENT TO MEASURE FLOC STRENGTH IN DIRECT FILTRATION WATER TREATMENT PLANTS Dr Heri Bustamante, Sydney Water Sina Moradi, UNSW
	383 COST RISK AND PERFORMANCE- SEWER MAIN INVESTMENT PLANNING Sagar Khadka, Icon Water Ryan Signor, AECOM	232 INFLUENCE OF COAGULATION ON THE BIOLOGICAL REMOVAL OF TASTE AND ODOUR COMPOUNDS Kelly Newton, SA Water
336 LIVE SEWER NETWORKS - OPERATIONAL MODELLING AND PREDICTIVE REAL TIME DECISION SUPPORT TOOLS Patrick Bonk, Innovyze	310 BENDIGO GROUNDWATER- TREATMENT CHALLENGE FOR ARSENIC, SULFIDE, METALS AND SALT REMOVAL TO WATER REUSE STANDARD Michael Chapman, GHD	
P72/346 - TASK MANAGEMENT FOR MULTI-DISCIPLINE OPERATORS Murray Leech, Collab IT Systems	P76/276 - CHALLENGING DESIGN ASSUMPTIONS - LEADING PRACTICES IN THE PURSUIT OF OPTIMISED CAPITAL INVESTMENT Michael Evans, GHD	
1030 - 1115	MORNING TEA (EXHIBITION HALL)	
1115 - 1245	ROOM - M1	ROOM - M2
	Recycled Water	Water Treatment & Reuse
	P73/427 - GET CONTROL OF AERATION AND OPTIMISE NUTRIENT REMOVAL Charles Mellish, Stantec Australia	P77/446 - EXTREME INFLOWS INTO THE MURRAY-DARLING BASIN SYSTEM 2016: USING TARGETED OPERATIONAL MONITORING & CONTROL James Livingston, TRILITY Sushrut Kulkarni, TRILITY
	127 INNOVATIVE REVERSE OSMOSIS PRE-TREATMENT STRATEGY FOR DUAL MEMBRANE RECYCLED WATER PLANT Shanli Zhang, City West Water	32 THE BLACKWATER CHALLENGE - WHEN DESIGN LIMITATIONS ARE EXCEEDED Adam Medlock, TRILITY
	182 ATUM: HOW TO EXTEND THE LIFE OF ULTRA-FILTRATION MEMBRANES Jennifer Dreyfus, Allwater Caroline Herman, Allwater	262 FATE OF ORGANIC MATTER FRACTIONS WITHIN PRE-TREATMENT PROCESSES IN SEAWATER DESALINATION PLANTS Yulia Shutova, AECOM
	169 INNOVATIVE SOLUTION FOR SUNBURY RECYCLED WATER PLANT UPGRADE Hemadri Saha, Downer	39 WASTEWATER TREATMENT, DISPOSAL AND REUSE VIA AQUIFER INFILTRATION: WATER QUALITY ASSESSMENT FOR OPERATIONAL ENVIRONMENTAL COMPLIANCE Arron Lethorn, Water Corporation
P74/55 - BENEFITS OF DOSING IRON SALTS TO CONTROL H2S IN BIOGAS - LUGGAGE POINT & OXLEY STP'S Brendan Murray, Ixom Wakib Khan, Queensland Urban Utilities	P78/306 - CONTROL OF LUDWIGIA PERUVIANA USING GLYPHOSATE IN A DRINKING WATER RESERVOIR Dr Alec Davie, WaterNSW	
1245 - 1345	LUNCH (EXHIBITION HALL)	
1345 - 1515	KEYNOTE SESSION Dr Paula Robinson Prof. Zhiguo Yuan 2018 Water Professional of the Year	
1515 - 1545	CLOSING SESSION	
1545 - 1630	CLOSING DRINKS	



Look out for 30 high school students from the Brisbane Future Water Program who will be attending Ozwater today, with thanks to Seqwater.

ROOM - P3	ROOM - P2
Excellence in Operations & Asset Management	Inspiring Change, People & Organisations in the Water Sector
Novel WWT Solutions	People Power
P79/41 - APPLICATION OF METAL-BASED NANOFIBER SCAFFOLDS IN WATER TREATMENT: CASE STUDY OF HEAVY METAL ION ADSORPTION Elise des Ligneris, Institute for Frontier Materials, Deakin University	P83/440 - WORKFORCE MANAGEMENT EFFECTIVENESS - THE AROONA ALLIANCE EXPERIENCE Jerome Douziech, Aroona Alliance
347 TRANSLATION OF SCIENTIFIC DISCOVERIES TO APPLIED WASTEWATER TECHNOLOGIES BY COLLABORATIVE RESEARCH Shihu Hu, Advanced Water Management Centre, UQ	200 EMPOWERING CHAMPIONS TO DRIVE WATER SENSITIVE CITY TRANSITIONS Katie Hammer, Cooperative Research Centre for Water Sensitive Cities, Monash University
341 NEREDA, ORGANICA FOOD CHAIN REACTOR AND STEP FEED PILOT PLANT TRIALS AT MELBOURNE WATER'S WTP Jackie Moss, Melbourne Water	438 THE IMPACT OF PETER CULLEN'S LEGACY - TEN YEARS ON... Kate MacMaster, The Peter Cullen Water and Environment Trust
25 SOLVING PHOSPHORUS REMOVAL CHALLENGES WITH MAGNETITE BALLASTED TECHNOLOGY - BILLERICA WASTEWATER TREATMENT FACILITY, USA Michael C Whittier, Evoqua Water Technologies Sam Towndrow, Evoqua Water Technologies	315 WORLD CLASS PRODUCTION: DELIVERING VALUE AT STP'S Peter Donaghy, Queensland Urban Utilities
P80/409 - OFFLINE REFURBISHMENT OF CRITICAL PROCESS INFRASTRUCTURE Phil de Groot, TRILITY	P84/40 - WHAT WE LEARNT ABOUT INNOVATION FROM THE WATERAID WATER INNOVATORS CHALLENGE Katie Jones, Seqwater

MORNING TEA (EXHIBITION HALL)

ROOM - P3	ROOM - P2
Excellence in Operations & Asset Management	Servicing & Supporting Rural, Remote and Regional Areas
Wastewater Management Challenges	Rural Water
P81/24 - DESIGN CONSIDERATIONS TO INCREASE TREATMENT CAPACITY WITH MAGNETITE - BALLASTED ACTIVATED SLUDGE FACILITIES Sam Towndrow, Evoqua	P85/47 - WATER FOR FOOD - THE MYALUP-WELLINGTON STORY SO FAR Daniel Vissers, GHD
288 EXTENDING AGEING ASSET LIFE USING MODERN TECHNOLOGY - THE BOLIVAR SECONDARY CLARIFIERS CASE STUDY Julian Briggs, Aurecon	326 PLAN2FARM: A FARMER-BASED APPROACH TO HELPING AGRICULTURAL COMMUNITIES ADAPT TO CHANGE AND A DRYER FUTURE Toni Radcliffe, DELWP Shari Rankin, NCCMA Dianne Bowles, GMID Dairy Farmer
17 MEMBRANE BIOREACTOR (MBR) WASTEWATER TECHNOLOGIE: OPERATOR'S RETURN OF EXPERIENCE Fabrice Polizzi, CDE-SUEZ	374 RESPONDING TO CLIMATE CHANGE BY SECURING WATER SUPPLIES FOR AGRICULTURAL AND OTHER RURAL USERS Mark Williams, GWMWater Simon Coutts, GWMWater
53 DESIGN AND OPERATIONAL LEARNINGS FROM A LEGO-SCALE WWTP Wayne Bagg, Water Corporation	203 SURGE MITIGATION IN A MODERNISED IRRIGATION SYSTEM Michael Evans, GHD
P82/54 - A QUICK-FIX DIFFUSED AERATION SOLUTION FOR GNARABUP WWTP Wayne Bagg, Water Corporation	P86/465 - SUSTAINABLE LOW ENERGY SYSTEM FOR HIGH GROUNDWATER TABLES IN REGIONAL TOWNS Dr Danny Burkett, Opus International Consultants

LUNCH (EXHIBITION HALL)

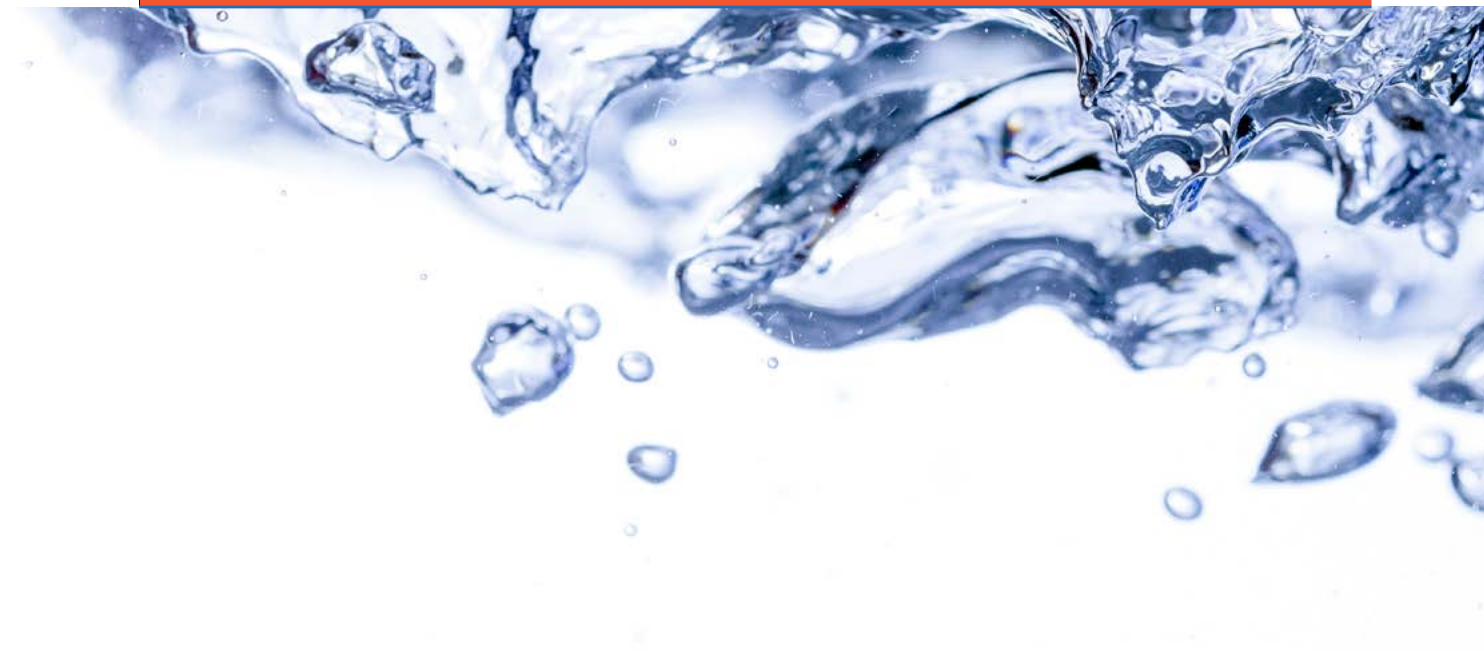
KEYNOTE SESSION | Dr Paula Robinson | Prof. Zhiguo Yuan | 2018 Water Professional of the Year

CLOSING SESSION

CLOSING DRINKS



0900 - 1030	ROOM - P1	ROOM - M4
	Community Health and Wellbeing	Industry Safety & Wellbeing
	Managing Wastewater & Reuse Risks	Safety Differently and a Mentally Healthy Workplace
	P87/226 - POLYMERIC ANTISCALANT STUDY IN REVERSE OSMOSIS PURIFICATION IN CONDITIONS OF HIGH RECOVERY AND CHALLENGING SCALES Richard Tay, Dow Chem Pac (Singapore) Pte L	P89/124 - THE TBL OF TASTE AND ODOUR Tara Callingham, Goulburn Valley Water
	30 OPERATIONAL LEARNINGS AND COMPLIANCE ASPECTS OF RUNNING A GROUNDWATER REPLENISHMENT SCHEME Dr Stacey Hamilton, Water Corporation	ACCENT SPEAKERS DISRUPTIVE SAFETY LESSONS FROM DISRUPTION: RESTORING YOUR PEOPLE AS THE SOLUTION Kelvin Genn, Art of Work
	168 AURA STORMWATER HARVESTING PROJECT - AN INNOVATIVE RISK BASED APPROACH TO IDENTIFYING POTENTIAL WATER QUALITY ISSUES Tony McAlister, Water Technology	SAFER TOGETHER HOW A COMMUNITY OF LEADERS IS DRIVING A SAFER NATURAL GAS EXPLORATION & PRODUCTION INDUSTRY John Smith, MPC Group
	278 A RISK-BASED APPROACH FOR ACHIEVING EFFECTIVE OUTCOMES: MELBOURNE WATER'S APPROCH TO MANAGEMENT OF WET WEATHER SPILLS Sarah Watkins, Melbourne Water	MENTALLY HEALTHY WORKPLACE HOW TO COMMENCE AND SUSTAIN ONE Dr Paula Robinson, Positive Psychology Institute
	P88/460 - UNIQUE SOLUTION TO CONTROLLING STORMWATER CONTAMINANTS FROM ORGANIC MATERIAL PROCESSING RUN OFF Mitch Laginestra, GHD	P90/271 - WATER QUALITY TESTING USING NEXT GENERATION DNA SEQUENCING TECHNOLOGY Dr Thorsten Mosisch, Australian Water Quality Centre
1030 - 1115	MORNING TEA (EXHIBITION HALL)	
1115 - 1245	ROOM - P1	ROOM - M4
	Workshop / Panel Eleven	Industry Safety & Wellbeing
		Applying Proactive Safety Techniques
		P91/320 - CONTINUOUS IMPROVEMENT BY EVOLUTION - THE INTERFLOW SAFETY LEADERSHIP PROGRAM John Monro, Interflow
	W Queensland Urban Utilities Presents: FACING AN UNCERTAIN FUTURE WITH SCENARIOS AND DYNAMIC CAPABILITIES (Refer to page 42 for more information)	179 USING VIRTUAL REALITY TO ELIMINATE HAZARDS AND INCREASE STAFF ENGAGEMENT WITH PROJECTS Rachel Smith, Melbourne Water
		380 INTRODUCING VIRTUAL REALITY TRAINING SOLUTIONS TO THE WATER SECTOR - WHERE DO WE GO FROM HERE? Andrew Rozycki, KBR
		123 REHABILITATION AT WORK - HOW THE INTRODUCTION OF AN ONSITE PHYSIOTHERAPIST SERVICE REDUCED COMPENSABLE CLAIMS, BUT MORE IMPORTANTLY CARED FOR OUR PEOPLE. Rob Lynch, Queensland Urban Utilities Matthew Forner, Axis Rehabilitation at Work
		P92/257 - MAJOR HAZARD CASE STUDY - FATAL RISK REDUCTION INITIATIVE Wayne Jones, TasWater
1245 - 1345	LUNCH	
1345 - 1515	KEYNOTE SESSION Dr Paula Robinson Prof. Zhiguo Yuan 2018 Water Professional of the Year	
1515 - 1545	CLOSING SESSION	
1545 - 1630	CLOSING DRINKS	



ROOM - M3	ROOM - P4 & P5
Workshop / Panel Nine	Workshop / Panel Ten
<p>P</p> <p>Water Research Australia Presents: EMERGING CONTAMINANTS AND POLLUTANTS OF INTEREST FOR THE AUSTRALIAN WATER INDUSTRY (Refer to page 40 for more information)</p>	<p>P</p> <p>RedEye Apps Presents: 'INNOVATION AT WORK' - INDUSTRY LEADERS SHARING THEIR JOURNEY ON HOW THEY ENCOURAGE INNOVATION (Refer to page 41 for more information)</p>

MORNING TEA (EXHIBITION HALL)

ROOM - M3	ROOM - P4 & P5
Workshop / Panel Twelve	Workshop / Panel Thirteen
<p>W</p> <p>International Water Association (Australia) and the Australian Water Association's SDGs Specialist Network Presents: STRETCHING THE SDGs: HOW THE AUSTRALIAN WATER SECTOR CAN DRIVE PROGRESS ON AN INTERNATIONAL STAGE (Refer to page 43 for more information)</p>	<p>P</p> <p>National Health & Medical Research Council Presents: TRANSLATING SCIENTIFIC EVIDENCE INTO NHMRC WATER QUALITY GUIDELINES (Refer to page 44 for more information)</p>

LUNCH

KEYNOTE SESSION | Dr Paula Robinson | Prof. Zhiguo Yuan | 2018 Water Professional of the Year

CLOSING SESSION

CLOSING DRINKS

