








8:30am-10:00am								
10:00am-10:45am								
10:45am-12:15pm								
MORNING TEA								
STREAM 1	STREAM 2	STREAM 3	STREAM 4	STREAM 5	STREAM 6	STREAM 7	STREAM 8	STREAM 9
<p>EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT</p> 	<p>RURAL, REMOTE & REGIONAL WATER</p>	<p>ACHIEVING SUSTAINABLE & THRIVING COMMUNITIES</p>	<p>ENGAGING & WORKING WITH CUSTOMERS</p>	<p>PUBLIC HEALTH</p>	<p>RESILIENCE & WATER SECURITY</p>	<p>ACHIEVING A CIRCULAR ECONOMY</p>	<p>DIVERSITY, INCLUSION & EQUITY</p>	<p>WATER LEADERS FORUM (INVITE ONLY)</p> 
<p>WASTEWATER NETWORK MANAGEMENT</p>	<p>TOOLS AND LEARNINGS FOR A REMOTE & REGIONAL CONTEXT</p>	<p>MANAGING DISCHARGE FOR ENVIRONMENTAL & COMMUNITY BENEFIT</p>	<p>UNDERSTANDING CUSTOMER VALUE & WILLINGNESS TO PAY</p>	<p>WATER QUALITY RISK MANAGEMENT</p>	<p>URBAN DROUGHT RESILIENCE IN CITIES</p>	<p>NUTRIENT & ENERGY RECOVERY</p>	<p>IMPLEMENTING DIVERSITY & INCLUSION</p>	
243	342	292	83	442	458	178	296	
<p>WASTEWATER FLOW BALANCING BY OPTIMISING PUMP BEHAVIOUR TO USE STORAGE IN NETWORK</p> <p>Phillip Meng Water Corporation</p>	<p>MANAGED AQUIFER RECHARGE TO SUPPORT ECOLOGICAL RESTORATION OF VEGETATION IN THE KATARAPKO FLOODPLAIN</p> <p>Hayley Whittington Wallbridge Gilbert Aztec</p>	<p>FISHERMANS BEND WATER SENSITIVE DRAINAGE AND FLOOD STRATEGY</p> <p>Phillip Joyce GHD</p>	<p>EVER FELT MISUNDERSTOOD? OUR BRAND HAS - SO WE FIXED IT</p> <p>Paige-Elise Galloway South East Water</p>	<p>A REVOLUTIONARY 'WATER QUALITY RISK FRAMEWORK' - ALIGNING FOUR ORGANISATIONS' RISK MATRICES AND PUBLIC HEALTH RISKS</p> <p>ASM Mohiuddin & Coralie Gabus Sydney Water</p>	<p>DROUGHT AND GROWTH PLANNING IN WESTERN AND SOUTH WESTERN SYDNEY</p> <p>Stephen Keane Sydney Water Saanika Rana Aurecon</p>	<p>A FLUIDISED-BED ALGAL REACTOR FOR NUTRIENT REMOVAL AND RESOURCE RECOVERY</p> <p>Matthew Kube RMIT University</p>	<p>HARNESSING THE D&I ADVANTAGE AT SYDNEY WATER</p> <p>Rosalind Reidy Sydney Water</p>	
10:55am-11:20am	79	8	98	364	294	ACCENT SPEAKER	41	396
<p>UPFRONT INVESTMENT IN FLOW MONITORING DEFERS FORECAST CAPITAL EXPENDITURE</p> <p>Jane La Nauze Stantec</p>	<p>IT'S NOT ABOUT LOOKING OVER THE FENCE; IT'S MORE ABOUT LOOKING IN THE MIRROR</p> <p>Dr Nicole Davis Mackay Regional Council</p>	<p>EVALUATING SMART STORMWATER STORAGE SYSTEM FLOODING, REUSE AND WATER QUALITY BENEFITS</p> <p>Dr Michael Di Matteo Water Technology</p>	<p>WILLINGNESS TO PAY, BUT FOR WHAT? STRATEGY, ENGAGEMENT AND TRIANGULATION</p> <p>Eamon Sullivan Evergreen Lab</p>	<p>A STATEWIDE REDUCTION IN WATER QUALITY RISK - TWO YEARS ON</p> <p>Stephen Westgate & Brett Pritchard TasWater</p>	<p>THE FUTURE OF WATER SECURE CITIES: APPLYING LESSONS FROM THE MILLENNIUM DROUGHT</p> <p>Rachel Barratt Aither</p>	<p>HARVESTING STRUVITE FROM DIGESTER CENTRATE: BEENYUP PILOT PLANT</p> <p>Irina Mouilleron SUEZ Jiayao Chang Water Corporation</p>	<p>IMPLEMENTING HUNTER WATER'S DIVERSITY AND INCLUSION STRATEGY</p> <p>Lisa Warren Hunter Water</p>	
11:20am-11:45am	129	260	309	92	247	66	174	228
<p>IMPLEMENTING CONFIGURATION MANAGEMENT TO OPTIMISE LOGAN'S WASTEWATER PUMP STATIONS</p> <p>Michael Silke WSP</p>	<p>SAFE WATER ACCESS ON REMOTE INDIGENOUS HOMELANDS: APPLYING A SOCIO-ECOLOGICAL FRAMEWORK</p> <p>Dr Paul Satur Monash Water Sensitive Cities, Monash Sustainable Development Institute</p>	<p>INNOVATION AND COLLABORATION: IMPROVING URBAN WATER MANAGEMENT FOR A REEF COUNCIL</p> <p>Dr Lynne Powell Cairns Regional Council</p>	<p>WHAT MATTERS TO OUR CUSTOMERS BUILT OUR PLAN</p> <p>Matthew Bonnett & Lee Waters SA Water</p>	<p>DYNAMIC CATCHMENT RISK ASSESSMENT - INNOVATIVE TOOLS FOR WATER SECURITY DECISION-MAKING</p> <p>Chris Shanks Tonkin and Taylor</p>	<p>DROUGHT RESPONSE OPERATIONAL PLAN FOR MELBOURNE</p> <p>Sarah Eggleton Melbourne Water</p>	<p>SHAFDAN WATER RESOURCE RECOVERY CENTER</p> <p>Dave Parry Jacobs</p>	<p>PROUDLY DIVERSE: UNITING THE VICTORIAN WATER INDUSTRY TO IMPROVE LGBTIQ+ INCLUSION THROUGH 'PRIDE IN WATER'</p> <p>Brendan Moore & Jacquie Moon Yarra Valley Water</p>	
11:45am-12:10pm	411	397	268	28	318	20	221	209
<p>PERFORMANCE RISKS OF SEWAGE PRESSURE MAINS WITH MOVING HYDRAULIC GRADE LINES</p> <p>Michael Lowe South East Water</p>	<p>WHAT WATER TREATMENT LESSONS CAN REMOTE AUSTRALIA LEARN FROM THE MIDDLE EAST?</p> <p>Eric Vanweydevel Power and Water Corporation</p>	<p>MANAGING NUTRIENT EMISSIONS: LINKING ECONOMICS AND THE ENVIRONMENT</p> <p>Jamie Barnes Urban Utilities</p>	<p>VALUING MELBOURNE'S ENVIRONMENTAL WATER ENTITLEMENTS</p> <p>Cheryl Edwards Melbourne Water Dr Bethany Cooper University of South Australia</p>	<p>USING OPERATIONAL DATA TO CONTINUOUSLY ASSESS PLANT PERFORMANCE AGAINST HEALTH BASED TARGET CRITERIA</p> <p>Elizabeth Quarrell & James Livingston SA Water</p>	<p>LESSONS LEARNT FROM THE CAPE TOWN DROUGHT CRISIS</p> <p>Kevin Werksman Aurecon Dr James Cullis Aurecon South Africa</p>	<p>NUTRIENT RECOVERY AND WATER TREATMENT USING FRESHWATER MACROALGAE</p> <p>Dr Rocky de Nys Pacific Biotechnologies</p>	<p>WOMEN'S EMPOWERMENT THROUGH WATER AND SANITATION ENTERPRISES IN CAMBODIA AND INDONESIA</p> <p>Melita Grant Institute for Sustainable Futures, University of Technology Sydney</p>	
12:10pm-12:15pm	279	132	94	333	298	474	455	423
<p>DEVELOPING AN AUSTRALIAN STANDARD FOR FLUSHABILITY</p> <p>Chantal Keane Urban Utilities</p>	<p>SOLAR POWERED MEMBRANE CAPACITIVE DEIONISATION (MCDI): IS IT AN ALTERNATIVE FOR REMOTE POTABLE WATER SUPPLY?</p> <p>Clare Bales University of New South Wales</p>	<p>CEDAR GROVE ENVIRONMENTAL CENTRE: ONE OF AUSTRALIA'S MOST SUSTAINABLE WASTEWATER TREATMENT PLANTS</p> <p>Mark Vaughan Logan City Council</p>	<p>A ROADMAP FOR CUSTOMER EXPERIENCE TRANSFORMATION</p> <p>Jane Tyzack Barwon Water</p>	<p>SUPPORTING DRINKING WATER SAFETY IN REGIONAL NEW SOUTH WALES</p> <p>Dr Zenah Bradford-Hartke NSW Health</p>	<p>IMPACTS ON OPEN SPACE WATER DEMAND FROM A CHANGING CLIMATE</p> <p>Paul Lamble Peak Water Consulting</p>	<p>REALISING THE ECONOMIC VALUE OF RENEWABLE ENERGY FROM BIOSOLIDS</p> <p>Lauren Randall Hunter Water</p>	<p>A HUMAN APPROACH TO DIVERSITY AND INCLUSION - THE BARWON WATER STORY</p> <p>Jo Murdoch Barwon Water</p>	
12:15pm-1:15pm	LUNCH							

1:15pm-3:15pm	STREAM 1	STREAM 2	STREAM 3	STREAM 4	STREAM 5	STREAM 6	STREAM 7	STREAM 8	STREAM 9
	EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT	EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT 	ACHIEVING SUSTAINABLE & THRIVING COMMUNITIES	ENGAGING & WORKING WITH CUSTOMERS	PUBLIC HEALTH	RESILIENCE & WATER SECURITY	ACHIEVING A CIRCULAR ECONOMY	STUDENT WATER PRIZE FINALIST PRESENTATIONS AWARD SPONSOR  Guidera O'Connor	DIRECTORS PROGRAM (INVITE ONLY)
	DIGITAL METERING	WATER TREATMENT	GREENING & LIVEABILITY	BUILDING BRAND THROUGH EFFECTIVE CUSTOMER ENGAGEMENT	CATCHMENT RISKS	WATER PLANNING & THE IMPORTANCE OF A CATCHMENT/BASIN FOCUS	NUTRIENT & ENERGY RECOVERY		
1:20pm-1:25pm	127	52	153	327	434	345	480	SWP01	
	PRICING FOR DIGITAL WATER METERING Mark Fitzgibbon KPMG	GOOD VIBRATIONS AT POONA DAM: CYANOBACTERIA AND ASSOCIATED TASTE AND ODOUR METABOLITE CONTROL USING ULTRASOUND Renee Hague Seqwater	CREATING A GLOBAL GREEN INFRASTRUCTURE WORKFORCE - IMPLEMENTING THE U.S. NGICP IN NEW ZEALAND James Reddish WSP	MY CUSTOMER FOCUS Jeremy Lucas Allwater	EVENT-BASED MONITORING OF CRYPTOSPORIDIUM AND GIARDIA IN PREPARATION TO MEET HEALTH-BASED TARGETS Chris Owens Sydney Water	SUNWATER REGIONAL BLUEPRINT: COLLABORATIVE AND ADAPTIVE PLANNING FOR LONG-TERM WATER SUPPLY UNDER AN UNCERTAIN FUTURE Gloria Vega Sunwater Rod Coulton Aither	BUILDING CIRCULAR ECONOMY SOLUTIONS FOR SMART CITIES Justin Frank SUEZ	HARNESSING IMMOBILISED ALGAE FOR HIGH RATE WASTEWATER TREATMENT Matthew Kube RMIT University (VIC)	
1:25pm-1:50pm		325	265	27	5	ACCENT SPEAKER		SWP02	
	ACCENT SPEAKER TO BE ANNOUNCED	HUNTER WATER'S OPERATIONAL RESPONSE TO LARGEST CYANOBACTERIAL BLOOM IN GRAHAMSTOWN DAM ON RECORD Vikas Shah Hunter Water	HOW TO COOL A CITY - JUST ADD WATER Greg Ingleton SA Water	DOING IT WITH US, NOT FOR US. A CUSTOMER-CENTRIC APPROACH TO UTILITY DECISION-MAKING Simon Taylor & Ian Jennison Urban Utilities	BALANCING RECREATIONAL ACCESS WITH DRINKING WATER PROTECTION: TOOLS TO QUANTIFY WATER QUALITY RISK Dr Brooke Swaffer SA Water	COLORADO RIVER BASIN DROUGHT PLANNING AND INTERNATIONAL, FEDERAL, STATE, AND INDIGENOUS NATIONS COLLABORATION Dr. Sharon Megdal University of Arizona Water Resources Research Center	ACCENT SPEAKER TO BE ANNOUNCED	IS THE INSTALLATION OF MINI HYDROPOWER TURBINES INTO WATER TRANSMISSION SYSTEM PIPELINES COST EFFECTIVE? Amber Smith & Anthony Cox University of Adelaide (SA)	
1:50pm-2:15pm	24	216	473	35	54	368	191	SWP03	
	DIGITAL METERS: EXPERTS BACK THE BENEFITS Ian Monks Griffith University	OPTIMISING COAGULANT DOSE RATES USING SPECTROSCOPY AND MACHINE LEARNING Dr Brendan Gladman Jacobs	CREATING SUSTAINABLE OPEN SPACES - USING COMPOST TO DELIVER LIVEABILITY, SUSTAINABILITY, RECREATION AND ECONOMIC OUTCOMES Paul Lamble Peak Water Consulting	A MODEL FOR THE DRIVERS OF TRUST FOR WATER Evelyn Rodrigues Water Services Association of Australia Richard Frost Quantum Market Research	QUANTIFYING THE RISKS SWIMMERS POSE IN A LARGE DRINKING WATER STORAGE Kathy Cinque Melbourne Water	WATER CONFLICTS AND THE CHALLENGE OF PLANNING: STORIES OF TWO LOCAL GOVERNMENTS FROM THE NEPAL HIMALAYAS Kaustuv Raj Neupane Southasia Institute of Advanced Studies	RETHINKING WASTEWATER TREATMENT FOR A CIRCULAR ECONOMY - A PARADIGM SHIFT CAUSED BY SCOPE 1 EMISSIONS Peter Hillis pH2O Consulting	LEANYER SANDERSON WASTE STABILISATION POND MICROBIOLOGY Alea Rose Charles Darwin University (NT)	
2:15pm-2:40pm	281	192	407	91	44	195	451	SWP04	
	MAKING THE CASE FOR CUSTOMERS: BUILDING A CUSTOMER LED BUSINESS CASE FOR SMART METERING Corrina Mercure & Alisa King SA Water	MEMBRANE GRAVITY FILTRATION - A LOW TOTEX RETROFIT OPTION TO ACHIEVE HBT GUIDELINES Yulia Shutova AECOM	RECYCLED WATER FOR A GREENER PARKES Julian Fyfe Parkes Shire Council	ROUGH DIAMOND: HOW LOGAN RESIDENTS SAW BEAUTY IN A WASTEWATER TREATMENT PLANT Kate Thomas Communikate Tania Keelan & Caitlin Gilbert Downer Utilities	PLANNING FOR OPTIMISED INVESTMENT IN SOUTH EAST QUEENSLAND'S DRINKING WATER SUPPLY CATCHMENTS Greg Greene Seqwater	A RESILIENCE FRAMEWORK TO INFORM LONG TERM WATER PLANNING Emma Berry Hunter Water	ASSESSING THE PROCESS OPPORTUNITIES AND IMPACTS FROM ANAEROBIC CO-DIGESTION AT URBAN UTILITIES Lavanya Susarla Urban Utilities	OPTIMISATION OF THE WATER SYSTEM AT VISOY PAPER SMITHFIELD (VP3&6) Alana Saliba The University of Sydney (NSW)	
2:40pm-3:05pm	476	484	381	193	372	6	160	SWP05	
	EMBRACING IOT & SMART METERING FOR A WATER RESILIENT BARCELONA - OUR EXPERIENCE DEPLOYING A MILLION METERS Sean Cohen SUEZ	THE NEW GOOD PRACTICE GUIDE TO DRINKING WATER SUPPLY SYSTEMS - BENEFITS AND APPLICATION Kathy Northcott Water Research Australia	WATER AND LIVEABILITY - BEYOND THE OBVIOUS Beata Sochacka Advanced Water Management Centre, University of Queensland/CRC for Water Sensitive Cities	INTEGRATING COMMUNITY VALUES AND PREFERENCES IN LONG TERM WATER PLANNING Steve McAleer Hunter Water	THE VIEW FROM UP THERE - MONITORING A SEVERE ALGAL BLOOM FROM SPACE Dr Abigail Morrow Hunter Water Craig Evans & Charyssa Lawrence The University of Newcastle	A HEALTHY COLIBAN CATCHMENT INTEGRATED CATCHMENT MANAGEMENT PLAN Barry Floyd Coliban Water	WASTE NOT, WANT NOT - DEVELOPING A NOVEL FRAMEWORK FOR WASTE TO ENERGY BY-PRODUCT RE-USE IN AUSTRALIA Emily Wisniewski Jacobs Ian Donald Yarra Valley Water	UNRAVELLING ROLES OF EMERGING ENVIRONMENTAL CONTAMINANTS IN PROMOTING THE SPREAD OF ANTIBIOTIC RESISTANCE Ji Lu The University of Queensland (QLD)	
3:05pm-3:10pm	33	201	445	234	87	357	96	SWP06	
	H2HOME - RESIDENTIAL WATER END-USE CLASSIFICATION IN LOW RESOLUTION METER READINGS Natasha Ogonowski Water Corporation Nicolas Small Optika Solutions	UTILISING CHANGE MANAGEMENT PRINCIPLES TO IMPROVE PUBLIC HEALTH, ONE WATER MAIN REPAIR AT A TIME Lisa Andersons MidCoast Council	MAKING A CASE FOR WATER IN SUPPORTING COOL AND THRIVING COMMUNITIES Lorena Ilic CRC for Water Sensitive Cities, Queensland	CITY WEST WATER: BUILDING AND MAINTAINING TRUST WITH OUR CUSTOMERS Samantha Aitchison City West Water	FIRE AND FILTRATION - ADDRESSING HEALTH BASED TARGETS AND BUSHFIRE RISKS TO MELBOURNE'S WATER SUPPLY CATCHMENTS Denise Fontana Melbourne Water	CLIMATE RISKS TO WATER SECURITY IN THE ASIA-PACIFIC: FRAMING ACTIONS BEYOND MEASUREMENT AND WISHFUL THINKING Hemant Ojha Institute for Studies and Development Worldwide (IFSD)	THE COLAC WEB - WASTE TO PROSPERITY Matthew Stewart Barwon Water	UNRAVELLING STREAM ECOSYSTEM FUNCTIONING IN URBAN LANDSCAPES TO IMPROVE MANAGEMENT OF WATER QUALITY AND HABITAT Jen Middleton University of Western Australia (WA)	
3:15pm-4:00pm	AFTERNOON TEA								

	STREAM 1	STREAM 2	STREAM 3	STREAM 4	STREAM 5	STREAM 6	STREAM 7	STREAM 8	STREAM 9
4:00pm-5:30pm	WORKSHOP/PANEL 1	PANEL 2	PANEL 3	PANEL 4	PANEL 5	PANEL 6	PANEL 7	PANEL 8	WORKSHOP/PANEL 9
	TO BE ANNOUNCED	Australian Water Association presents: OUTCOMES AND OPPORTUNITIES FROM AWA'S WATER UTILITY IMPROVEMENT PROGRAM	Isle Utilities presents: BUILDING A REGULATORY TECHNOLOGY ('REG-TECH') CAPABILITY FOR THE MURRAY DARLING BASIN	AWA Water Recycling Specialist Network presents: SOCIAL-POLITICAL STRATEGIES AND THE JOURNEY TOWARDS POTABLE REUSE	Water & Health and Griffith University present: ARE WE REALLY PROVIDING SAFE DRINKING WATER? SHIFTING THE FOCUS TO WATER QUALITY AT THE CONSUMER TAP. LESSONS FROM INTERNATIONAL BEST PRACTISE	AWA Water Efficiency Specialist Network presents: FROM THE MILLENNIUM TO THE 2020 DROUGHT - IS THE WATER SECTOR GOING FORWARDS IN DROUGHT RESPONSE?	Jacobs presents: TOWARDS A ZERO-CARBON FUTURE: THE ROLE OF WATER UTILITIES IN AUSTRALIA'S EMERGING HYDROGEN ECONOMY	Water Research Australia presents: ATTRACTING & RETAINING TECHNICAL TALENT IN THE WATER INDUSTRY - CASE STUDIES AND SUCCESS STORIES	TO BE ANNOUNCED
5:30pm-6:30pm	HAPPY HOUR								

8:30am-10:00am KEYNOTE ADDRESS							
10:00am-10:45am MORNING TEA							
10:45am-12:15pm	STREAM 1	STREAM 2	STREAM 3	STREAM 4	STREAM 5	STREAM 6	STREAM 7
	EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT	EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT	ACHIEVING SUSTAINABLE AND THRIVING COMMUNITIES	INDUSTRY SAFETY & WELLBEING JOHN HOLLAND	EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT	RESILIENCE & WATER SECURITY	INTERNATIONAL WATER ASSOCIATION AUSTRALIA CURATED SESSION SPEAKERS TO BE ANNOUNCED
	NOVEL WASTEWATER TREATMENT PROCESSING	CONDITION ASSESSMENT	WATER & AGRICULTURE	WELLBEING	ROBOTS, DRONES & BIM: DELIVERING VALUE	WATER EFFICIENCY & DEMAND MANAGEMENT	PROGRAM TO BE ANNOUNCED
10:50am-10:55am	358	85	51	181	256	100	
	MODELLING SIMULTANEOUS NITRIFICATION AND DENITRIFICATION WITH PLUG-FLOW SAMPLING AT LUGGAGE-POINT SEWAGE TREATMENT PLANT Paul McPhee Urban Utilities	PREVENTING CRITICAL WATER TRUNK FAILURES Michael Nicholas SA Water Martin Rodger Rock Solid Group	MOVING TOWARDS A ZERO ENVIRONMENTAL FOOTPRINT DAIRY PLANT Richard Greenwood Jacobs	ENABLING WELLBEING: TESTING A 'SAFETY DIFFERENTLY' BASED EMPLOYEE WELLBEING INITIATIVE Martin Smith John Holland	ROBOTIC TANK CLEANING - SEPARATING THE FACT FROM THE FICTION Antony Old Watertight Robotics	UNDERSTANDING THREAT PERCEPTION TO INFORM ENVIRONMENTAL COMMUNICATION: A PSYCHOLOGICAL PERSPECTIVE Madelyn Pardon James Cook University	
10:55am-11:20am	479	355	ACCENT SPEAKER TO BE ANNOUNCED	236	450	ACCENT SPEAKER	
	WTP SHORTCUT NITROGEN REMOVAL DEMONSTRATION PLANT: KEY FINDINGS FOR ACHIEVING LOW CARBON NITROGEN REMOVAL James McLeod Melbourne Water Aprilia Vellacott Jacobs	INNOVATIVE PIPE WALL SCANNING Anton Bardak & Pak Lum Lee SMEC		MAXIMISING EMPLOYEE PERFORMANCE AND WELLBEING THROUGH AN EMPLOYEE LIFECYCLE APPROACH Mark Babic, Lucas Finch & James Wallace Sydney Water	ROBOTIC PIPE SCANNING: INTELLIGENT INTERNAL TOOLKIT FOR CRITICAL WATER MAINS Dammika Vitanage Sydney Water Prof Gaminie Dissanayake University of Technology Sydney	REDUCING URBAN DEMAND BY MORE THAN HALF: CAPE TOWN'S DROUGHT SUCCESS STORY Dr Gisela Kaiser Water Globe Consultants, LLC	
11:20am-11:45am	347	157	168	305	58	422	
	REMOVAL, RECOVERY AND REUSE OF AMMONIACAL NITROGEN FROM WASTEWATER FOR POWER GENERATION Dr Robert Eden & Bryan Johnson Organics Group	A RARE INSIGHT INTO THE FUTURE OF BRISBANE'S WATER SUPPLY Ben Tucker & David Nicholas Jacobs	TRANSFORMING A WASTEWATER PROBLEM INTO A NEW HIGH VALUE AGRICULTURAL DISTRICT Warren Price Western Water	"LIVE WELL" - A NEW WAY FORWARD FOR WORKPLACE SAFETY Michael Nolan & Ben Wood Icon Water	DRONES AND DIGITAL TOOLS - TAKING BROWNFIELD UPGRADE PLANNING TO A NEW LEVEL Stephen Chapman WSP	UNDERSTANDING CUSTOMER WATER USE BEHAVIOURS FOR THE SYDNEY METROPOLITAN AREA Andrew Woods Sydney Water	
11:45am-12:10pm	478	297	140	143	406	80	
	MABR FOR FINAL EFFLUENT POLISHING OF REFINERY WASTEWATER Nadine Oschmann SUEZ	BENEFITS OF 3D LASER SCANNING AND MODELLING FOR REFURBISHMENT OF COMPLEX ASSETS Iftikhar(Ifty) Rehman SMEC	GROWING BUSINESS INVESTING IN RECYCLED WATER INFRASTRUCTURE FOR FOOD SECURITY Michael Edgcombe SA Water	MANAGING FATIGUE RISK AT SAWATER John Carr & Judy Stone SA Water	BEYOND 3D - AN INTEGRATED SOLUTION FOR DESIGN, CONSTRUCTION AND OPERATION OF TUAS WATER RECLAMATION PLANT Shu Yi Chow Jacobs Engineering Singapore	INCENTIVISING WATER CONSERVATION DURING AND BEYOND DROUGHT Dr Rachel Watson Institute for Sustainable Futures, University of Technology Sydney	
12:10pm-12:15pm	21	304	219	462	108	183	
	MANAGING FILAMENTS WITH TITANIUM PHASE-SEPARATION TECHNOLOGY Wayne Bagg Water Corporation	CONDITION ASSESSMENT OF FAILED HDPE WATER MAIN INSTALLED IN 2014 Prabhakar Krishnasamy & Liam Owen Unitywater	LESSONS LEARNT FROM A DECADE OF WASTEWATER REUSE THROUGH MANAGED AQUIFER RECHARGE Meena Yadav Allwater JV	SIMPLIFYING HIGH RISK MANAGEMENT STANDARDS FOR FRONTLINE WORKERS Clint Theil Veolia	USING DRONE-ASSISTED PHOTOGRAMMETRY FOR MONITORING LARGE MEMBRANE STRUCTURES Wingkong Chiu Department of Mechanical & Aerospace Engineering, Monash University	DEVELOPING ASSUMPTIONS FOR LONG TERM DEMAND FORECASTING Marcia Dawson Sydney Water	
12:15pm-1:15pm	LUNCH						

1:15pm-3:15pm	STREAM 1	STREAM 2	STREAM 3	STREAM 4	STREAM 5	STREAM 6	STREAM 7	STREAM 8
	EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT	EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT	ACHIEVING SUSTAINABLE AND THRIVING COMMUNITIES	INDUSTRY SAFETY & WELLBEING JOHN HOLLAND	RURAL, REMOTE & REGIONAL WATER	RESILIENCE & WATER SECURITY	ENGAGING & WORKING WITH CUSTOMERS	 AUSTRALIAN WATER ASSOCIATION PROGRAM TO BE ANNOUNCED
	ANAEROBIC DIGESTION	MACHINE LEARNING & AI	CULTURE & COMMUNITY ENGAGEMENT	PRACTICAL ACTIONS	INNOVATIONS & TECHNOLOGY IMPROVING REMOTE OUTCOMES	KEY ELEMENTS OF THE WATER CYCLE	USING VOICE OF THE CUSTOMER TO IMPROVE UTILITY OPERATIONS	
1:20pm-1:25pm	226	405	467	275	466	156	224	
	ENHANCING OUR UNDERSTANDING OF ANAEROBIC DIGESTERS USING NEXT GENERATION SEQUENCING AND STATISTICS Dr Ben van den Akker SA Water	EMBEDDING AUGMENTED INTELLIGENCE INTO THE DNA OF WATER OPERATIONS Kalan Braun TRILITY	KATHERINE 'CLOUD TO CUP' - CREATING A GENERATIONAL CHANGE IN REGIONAL COMMUNITY ATTITUDES Joel Spry Power and Water Corporation	KEEPING OUR PEOPLE SAFE WHILST WORKING ALONE James Ryan Allwater	BRINGING QUALITY POTABLE WATER TO REMOTE NORTHERN TERRITORY, ICE PIGGING IN BORROLOOLA AND GARAWA Graeme Berriman SUEZ	DESAL 2.0. MATURE WATER SECURITY PLANNING IN THE 2020S Grant Gabriel WSP	WORKING TOGETHER TO ENABLE A FASTER RESPONSE TO CUSTOMER CONCERNS Julien Anese Adelaide Services Alliance	
1:25pm-1:50pm	449	30	182	ACCENT SPEAKER TO BE ANNOUNCED	319	385	ACCENT SPEAKER	
	IMPROVING THE PRODUCT QUALITY AND COST OF BIOSOLIDS MANAGEMENT THROUGH A PROGRAM UPGRADE APPROACH Angus Wilkie Aurecon	WELLINGTON WATER'S APPLICATION OF ARTIFICIAL INTELLIGENCE FOR WASTEWATER INFRASTRUCTURE PLANNING Andrew Faulkner WCS Engineering	CULTURAL VALUES IN ACTION - MATAPIHI WASTEWATER SCHEME Kristina Hermens Beca Dave Lenton Tauranga City Council		DEMONSTRATION OF BRACKISH WATER DESALINATION USING A PILOT SCALE MEMBRANE CAPACITIVE DEIONISATION UNIT Dr Boyue Lian UNSW	WILL LOCAL IDEAS AND COLLABORATION SECURE THE FUTURE OF THE INTERNATIONALLY SIGNIFICANT COORONG? Mark de Jong Department for Environment and Water	TBA Phil Duncan Murray Darling Basin Community Committee / Macquarie University	
1:50pm-2:15pm	162	273	231	306	410	453	149	
	UNDERSTANDING SOLIDS AND BIOLOGICAL ACTIVITY DISTRIBUTION FOR IMPROVED SLUDGE MANAGEMENT STRATEGIES IN ANAEROBIC LAGOONS Peter Wardrop The Advanced Water Management Centre, The University of Queensland	CREATION OF A MACHINE LEARNING SOFTWARE PLATFORM FOR OPERATIONS AND ASSET MANAGEMENT IN SA WATER Dr Mark Stephens SA Water	RECOGNISING AND MANAGING FOR ABORIGINAL VALUES Jason B King Department of Environment, Land Water and Planning	BEYOND THE CLUTTER: A NEW RISK-BASED ASSESSMENT TOOL FOR SAFETY MANAGEMENT ON CONSTRUCTION PROJECTS Michelle Oberg & Matt Thomson Downer	BORROLOOLA WATER TREATMENT SYSTEM UPGRADE - THE CONTAINERISED STORY Chafic Naamani SUEZ Eric Vanweydevel Power and Water Corporation	LESSONS LEARNED FROM AUSTRALIAN EXPERIENCE IN THIRD PIPE WATER RECYCLING Dr Daniel Livingston Hunter Water	RISE OF THE MACHINES - USING MACHINE LEARNING TO QUICKLY AND EASILY EXTRACT ACTIONABLE INSIGHTS FROM CUSTOMER FEEDBACK SURVEYS Dr Tessica Dall Unitywater	
2:15pm-2:40pm	10	301	420	430	308	426	262	
	THE APPLICATION OF WAS-ONLY THERMAL HYDROLYSIS AT PSYTTALIA WWTP Julien Chauzy CAMBI	MACHINE LEARNING CCTV FOOTAGE AND IMPACT TO THE BROADER INDUSTRY Kiran Gokal, Matthew Gallagher & Khoa Nguyen WSP	THE POOSWITCHEROO - A RETROFITTABLE VALVE HELPING END OPEN DEFECATION IN INDIA Christopher Raynor, Pramod Janardhanan & Ronica Koey Sydney Water	TRANSFORMING HSEQR MANAGEMENT AND REPORTING Terry Mulvaney City West Water	PROJECT GILGHI - MODULAR SELF CONTAINED SOLAR WTP FOR REMOTE INDIGENOUS COMMUNITIES Julian Briggs Aurecon Wayne Diemar Ampcontrol	TAPPING THE URBAN CATCHMENT - 9 YEARS ON. ENABLING URBAN EXPANSION WITHOUT REQUIRING EXTRA WATER Jackie Bowe Wannon Water	USING SOCIAL AND TRADITIONAL MEDIA TO INFLUENCE CUSTOMER BEHAVIOUR AND AWARENESS Clare Hesketh SA Water	
2:40pm-3:05pm	271	380	240	113	48	23	199	
	AMMONIA TOXICITY AND DIGESTER CAPACITY INVESTIGATION OF THERMALLY HYDROLYSED SLUDGE IN ANAEROBIC DIGESTERS Amin Malekizadeh Urban Utilities	USE OF ADVANCED REAL TIME ANALYTICS TO OPTIMISE THE AERATION ENERGY USAGE AT CUXHAVEN WWTP Roberto Mascarenhas Xylem	LOVE WATER CHANGING BEHAVIOUR AT SCALE Jane Blakeney Hunter Water	MANAGEMENT OF AC PIPES - NOW AND INTO THE FUTURE James Goode Water Services Association of Australia Steve Nash GVW	PROGRESS OF SA WATER INVOLVEMENT IN WATER MANAGEMENT AND SUPPLY IN THE APY LANDS Damian Mortimer & Rachael Siddall SA Water	CATCHMENT-SCALE RAINWATER HARNESSING: BENGALURU'S ROAD MAP TO ACHIEVE A WATER-SECURE FUTURE Gaurav Bhatt & Dr Vivekanand Honnunar Jacobs Engineering India	ENGAGING CUSTOMERS TO INNOVATE; BECOMING WATER WIZARDS Nathaniel Jenkins & Greig Priestley Sydney Water	
3:05pm-3:10pm	57	241	446	101	392		280	
	DEWATERING POLYMER CONVERSION FROM POWDER TO EMULSION DUE TO A SECONDARY TREATMENT PROCESS CHANGE Colin Houghton Water Corporation	SEASONALITY DETECTION IN TIME-SERIES DATA Phillip Meng Water Corporation	BROADENING WASTEWATER PLANNING SOLUTIONS TO ALIGN WITH THE ASPIRATIONS OF THE COMMUNITY Frances Rutledge Hunter Water	CHANGING THE WAY WE CHANGE; IT STARTS WITH A CONVERSATION Bronwen Sharples & Stacey Woods TasWater	COMPETENCY & CAPABILITY AUDIT & ASSESSMENT OF REMOTE WATER SUPPLY OPERATORS Michelle O'Donnell & Anne-Marie Cruickshank Power and Water	TBC	SELF SERVICE WEB PORTAL FOR PRESSURE AND FIRE FLOW FOR THE LAND AND BUILDING DEVELOPMENT INDUSTRY Alana Duncker Stantec	
3:15pm-4:00pm	AFTERNOON TEA							

	STREAM 1	STREAM 2	STREAM 3	STREAM 4	STREAM 5	STREAM 6	STREAM 7	STREAM 8
4:00pm-5:30pm	WORKSHOP & PANEL 10	PANEL 11	WORKSHOP & PANEL 12	PANEL 13	WORKSHOP & PANEL 14	PANEL 15	WORKSHOP/PANEL 16	 
	University of Technology Sydney presents: NSSN WORKING WITH WATER INDUSTRIES TO REDUCE LEAKS AND BREAKS DURING DROUGHT	SA Water presents: ENERGY TRANSITION IN ACTION: CAPITALISING ON WATER ASSETS FOR A ZERO COST ENERGY FUTURE	AWA Catchment Management Specialist Network presents: PROTECTING OUR DRINKING WATER SUPPLY CATCHMENTS - ARE WE DOING ENOUGH UNDER CHANGING POLITICAL AND HYDROLOGICAL CONDITIONS?	SMEC presents: EFFICIENT AND EFFECTIVE DELIVERY OF REGIONAL WATER PROJECTS	Barwon Water & Yarra Valley Water present: COLLABORATING WITH TRADITIONAL OWNERS IN CARING FOR COUNTRY	Goyder Institute for Water Research & Water Policy Group present: ACHIEVING WELL INFORMED AND ALIGNED WATER DECISION MAKING WITH A FOCUS ON THE MURRAY-DARLING BASIN	TO BE ANNOUNCED	TO BE ANNOUNCED
6:30pm-11:00pm	OZWATER'20 GALA DINNER & AUSTRALIAN WATER AWARDS (TICKET REQUIRED)							

9:00am-10:30am CLOSING CEREMONY KEYNOTE ADDRESS								
10:30am-11:15am MORNING TEA								
11:15am-12:45pm	STREAM 1	STREAM 2	STREAM 3	STREAM 4	STREAM 5	STREAM 6	STREAM 7	STREAM 8
	EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT	EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT	EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT	ACHIEVING SUSTAINABLE AND THRIVING COMMUNITIES	PUBLIC HEALTH	DIVERSITY, INCLUSION & EQUITY	RESILIENCE & WATER SECURITY	GOVERNANCE CHALLENGES & SOLUTIONS
	LAGOON TREATMENT	WATER NETWORK MANAGEMENT	DATA ANALYTICS	TOWARDS CARBON NEUTRALITY	CONTAMINANTS OF CONCERNS	CULTURE IN DIVERSITY & INCLUSION	ADAPTIVE PLANNING & OTHER FRAMEWORKS	ORGANISATIONAL GOVERNANCE
11:20am-11:25am	394	125	402	266	291	198	312	203
	SYDNEY WATER GUIDELINES FOR ROBUST AND EFFICIENT PLANNING OF WASTEWATER TREATMENT ASSETS William Wu & Alex Robertson <i>Sydney Water</i>	OPTIMISING PEAKING FACTORS FOR PLANNING AND DESIGN OF TRUNK WATER MAINS Ken Goraya <i>Unitywater</i>	NEEDLE IN THE HAYSTACK, FINDING THE BURST THAT FLOODS Ian Hiles <i>Hunter Water</i>	ORGANIC WASTE TO ENERGY - IS IT VIABLE IN 2020? Alister Green <i>GHD</i>	THE EFFECT OF FLUSHING ON LEAD CONCENTRATIONS IN DRINKING WATER Jack Budgen & Anna Flack <i>Sydney Water</i>	TALKING KORIMULLIKO: RESEARCHING INDIGENOUS WATER VALUES IN THE HUNTER Steve McAleer <i>Hunter Water</i>	TOWARDS A RECOGNISED FRAMEWORK FOR ADDRESSING URBAN WATER SYSTEM RESILIENCE AND MEGA DROUGHT Russell Beatty <i>HARC</i>	WATERGUIDE - A FRAMEWORK FOR IMPROVING WATER RESOURCE MANAGEMENT IN THE JORDAN VALLEY Amy Syvrud <i>Aither</i>
11:25am-11:50am	175	119	270	213	302	229	307	267
	ONE LAGOON TOO MANY... A PRAGMATIC APPROACH TO OPTIMISE 30 LAGOON SEWAGE TREATMENT PLANTS Laura De Rango <i>GHD</i> Bardia Solati <i>TasWater</i>	WATER AGE MODELLING - A PATHWAY TO REALISTIC CHLORINE MODELLING Asoka Jayaratne & Chris Saliba <i>Yarra Valley Water</i> Alex Tarulli <i>GHD</i>	SA WATER'S SMART NETWORKS AND TECHNOLOGY STRATEGY IN A RAPIDLY CHANGING DIGITAL ENVIRONMENT Nicole Arbon <i>SA Water</i>	THE BEYOND ENERGY NEUTRALITY PROGRAM: HOW A WATER UTILITY SUCCESSFULLY ALIGNED WITH THE UN'S SUSTAINABLE DEVELOPMENT GOALS Dr Julian Sandino <i>Jacobs</i>	ISOLATION AND DETECTION OF FREE-LIVING AMOEBAE AND ASSOCIATED BACTERIA FROM WATER STORAGE TANKS IN WESTERN AUSTRALIA Natalia Malinowski <i>CSIRO Land and Water</i>	INDIGENOUS CONSIDERATIONS FOR WASTEWATER MANAGEMENT AND THE IMPORTANCE OF COLLABORATION - A GLOBAL PERSPECTIVE Kate Simmonds <i>Jacobs</i>	ADAPTIVE PLANNING FOR AN UNCERTAIN FUTURE Caitlin Launt & Anne-Maree Burke <i>Icon Water</i>	URGENCY IN TRANSFORMATIONAL LEADERSHIP PROGRAMS IN WATER SECTOR TBC <i>Urban Utilities</i>
11:50am-12:15pm	145	412	62	454	227	461	194	217
	AVERTING A PROBLEMATIC INSTALLATION: CFD MODELLING OF WASTE STABILISATION POND MIXING ALTERNATIVES Eric Lemont & Jonathan Hill <i>AECOM</i>	DEMAND FORECASTING AND ITS APPLICATION IN NETWORK LEAKAGE DETECTION James Ireland <i>TRILITY</i>	FOLLOW THE POLLUTION - REAL TIME DATA EXPOSING WATERWAY VANDALS Heath Baker <i>Melbourne Water</i>	SHRINKING THE CARBON FOOTPRINT OF A WATER BUSINESS Lauren Randall <i>Hunter Water</i> Nathan Malcolm <i>GHD</i>	BEHAVIOR OF ILLICIT AND PSYCHOACTIVE DRUGS IN WASTEWATER TREATMENT Luis Restrepo Vieira <i>Curtin University</i>	VEOLIA'S CONTINUING JOURNEY OF RECONCILIATION - SUCCESSES AND LEARNINGS Hannah Franklin & Nathan Landon <i>Veolia</i>	2 SOURCES, 2 TREATMENT PLANTS, 2 NETWORK CONNECTIONS: PRACTICAL RESILIENCE CRITERIA FOR CRITICAL WATER INFRASTRUCTURE Matthew Ferguson <i>Sydney Water</i>	AN ORGANISATIONAL GOVERNANCE MODEL FOR IDENTIFYING & MANAGING 'RISKY' (COMPLEX) PROJECTS John Davis <i>Infrastructure Transaction Network</i> Graham Thomsen <i>Thomsen Consulting</i>
12:15am-12:40pm	40	354	283	417	186	68	252	38
	SLUDGE MANAGEMENT IN ADVANCED FACULTATIVE PONDS Beatrice Yong <i>Water Corporation</i>	MODELLING AND APPLICATION OF THE PRESSURE-LEAKAGE RELATIONSHIP IN WATER DISTRIBUTION SYSTEMS Prof Jakobus van Zyl <i>University of Auckland</i>	AN INTEGRATED PLATFORM FOR STORMWATER ASSET CONDITION ASSESSMENT AND MAINTENANCE OPTIMISATION Steve Couper <i>Mott MacDonald</i>	CARBON MANAGEMENT IN WATER AND WASTEWATER INFRASTRUCTURE Hannah Edmond & Nick Dempsey <i>Mott MacDonald</i> Chris Thurston <i>Watercare</i>	PFAS CASE STUDY - ACHIEVING CUSTOMER EXPECTATIONS IN A COMPLEX REGULATORY ENVIRONMENT Veronique Bonnelye <i>SUEZ</i>	ACHIEVING RECONCILIATION THROUGH WATER WISDOM Rachael Siddall & Ben Fitzgerald <i>SA Water</i>	INTEGRATED, ADAPTIVE STRATEGIES FOR SERVICE PLANNING IN SOUTH EAST QUEENSLAND Craig Ma & Nichole Kelly <i>Urban Utilities</i>	IMPLEMENTATION OF ASSET INFORMATION GOVERNANCE Scott Vohland <i>Seqwater</i>
12:40am-12:45pm	75	239	321	367	47		134	110
	MANAGING SUDDEN SURGES OF NITROGEN LOAD AT A COASTAL SEWAGE TREATMENT PLANT Dr Hemadri Saha <i>Aurecon</i>	USING CHANGES TO FLUORIDE DOSING TO VALIDATE NETWORK HYDRAULIC MODELS Uwe Kaeding <i>Allwater JV</i>	PROACTIVE MITIGATION OF NETWORK PRESSURE EVENTS AND CUSTOMER INTERRUPTIONS USING DEPLOYABLE SMART TECHNOLOGY Dan Ford <i>Allwater</i>	SCOPE 1 EMISSION CHALLENGE - AN INNOVATION APPROACH TO IDENTIFYING SOLUTIONS Michael Storey <i>Isle Utilities</i>	INVESTIGATION INTO THE RISK OF LEAD LEACHING FROM A WATER METER Dr Suzanne McDonald <i>GWMWater</i>	TBC	INTEGRATED URBAN FLOOD MANAGEMENT - A GUIDE TO CHOOSING, FINANCING AND FUNDING THE OPTIONS Ben Furmage <i>CRC for Water Sensitive Cities</i>	AN ADAPTABLE UTILITY RESPONSE TO EFFECTIVELY FACILITATE MAJOR GOVERNMENT PROJECTS Guiliano Andy <i>City West Water</i>
12:45pm-1:45pm	LUNCH							

1:45pm-3:15pm	STREAM 1	STREAM 2	STREAM 3	STREAM 4	STREAM 5	STREAM 6	STREAM 7	STREAM 8
	EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT	EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT	EXCELLENCE IN OPERATIONS AND ASSET MANAGEMENT	ACHIEVING A CIRCULAR ECONOMY	RURAL, REMOTE & REGIONAL WATER	ENGAGING & WORKING WITH CUSTOMERS	RESILIENCE & WATER SECURITY	GOVERNANCE CHALLENGES & SOLUTIONS
	ASSET INVESTMENT, PLANNING & PRIORITISATION	ODOUR & CORROSION CONTROL	DATA ANALYTICS	BENEFICIAL REUSE OF WASTEWATER	WASTEWATER LAGOONS	SUPPORTING VULNERABLE CUSTOMERS	RISK & ECONOMICS	COLLABORATION & PARTNERING
1:50pm-1:55pm	360	73	376	315	399	326	468	42
	A PRACTICAL APPROACH TO BALANCING RISK AND COST - UNITYWATER SEWAGE TREATMENT PLANTS ASSESSMENT Sanath Palipana Unitywater Zoubir Ait Mansour SUEZ	A BUG'S LIFE: LESSONS LEARNED IN ODOUR CONTROL AT A LARGE URBAN PUMP STATION Anthony Domanti WSP	ADOPTION OF DIGITAL TWINS - ALIGNING OPERATIONAL MODELS AND ANALYTICS Patrick Bonk Innovyze	SPOIL REUSE: CONTRIBUTING TO CIRCULAR ECONOMY IN CANBERRA James Gibson & Joel Edwards Icon Water	AN INTERMITTENTLY MIXED HIGH RATE ALGAL POND FOR WASTEWATER TREATMENT IN RURAL SOUTH AUSTRALIA Dr Ngai Ning Cheng Flinders University	VULNERABLE CUSTOMER INCLUSIVENESS & POSITIVE BEHAVIOURAL SUPPORT Kylie Bennett Hunter Water	ESTIMATING FUTURE COSTS OF CLIMATE CHANGE - A PILOT Deborah Riley Melbourne Water	COLLABORATING ON A REGIONAL VISION FOR WATER SECURITY IN SEQ: THE WATER SECURITY PARTNER PANEL Dr Amanda Binks Seqwater
1:55pm-2:20pm	177	272	472	ACCENT SPEAKER	ACCENT SPEAKER TO BE ANNOUNCED	335	398	200
	CAPITAL INVESTMENT DECISION MAKING APPROACHES AND TOOLS Kristina Campbell KPMG	INTEGRATION OF IRON SALTS USE FOR MULTIPLE BENEFITS ACROSS THE URBAN WATER SYSTEM Prof Zhiguo Yuan Advanced Water Management Centre (UQ)	ITERATIVE RISK PROFILING OF CRITICAL WASTEWATER ASSETS Milroy Jayaveerasingam Sydney Water Ben Dunn Aurecon	PARADIGM SHIFTING IN WASTEWATER RESOURCE RECOVERY Prof Guanghao Chen The Hong Kong University of Science and Technology		A SEISMIC SHIFT IN HELPING CUSTOMERS EXPERIENCING FINANCIAL HARDSHIP Jane Tyzack Barwon Water	VISUALISING VICTORIA'S FORWARD VIEW OF WATER AVAILABILITY AND DEMAND Meg Pillai Department of Environment, Land Water and Planning Walter Godoy GHD	COLLABORATION IS THE KEY Kellie Lister Mackay Regional Council
2:20pm-2:45pm	278	152	276	176	118	46	263	158
	CANBERRA'S 50 YEAR SEWERAGE STRATEGY: AN ADAPTIVE PATHWAYS APPROACH Ryan Brothchie GHD Karey Willis Icon Water	ODOUR BASELINE INVESTIGATION AND CHEMICAL DOSING TRIALS AT LUGGAGE POINT WWTP Niall Carey SLR Consulting	AGILE THINKING IN 24/7 OPERATIONS Elsie Mann Stantec Alexander Iannella & Christine Rootsey SA Water	ACHIEVING A CIRCULAR ECONOMY: AUSTRALIAN FIRST BIOSOLIDS GASIFICATION IN LOGAN CITY Johanna Johnson Logan City Council Mark Thomas Downer Utilities	HIGH RATE ALGAL POND (HRAP) DESIGN GUIDELINES AND THE FIRST INSTALLATION AT PETERBOROUGH Michelle Wittholz Local Government Association of South Australia	YARRA VALLEY WATER'S FAMILY VIOLENCE JOURNEY Sameera Abdeen Yarra Valley Water	THE ECONOMICS OF SUSTAINABLE WATER SUPPLY SOLUTIONS FOR REGIONAL NEW SOUTH WALES (NSW) Grant Leslie Balmoral Group Australia	COLLABORATION DELIVERING INNOVATION: THE NORTHERN ADELAIDE PLAINS INTEGRATED MANAGEMENT FRAMEWORK Gerry Davies Department of Primary Industries and Regions South Australia
2:45pm-3:10pm	144	218	13	288	238	159	440	97
	MAINTENANCE STRATEGY OPTIMISATION A COLLABORATIVE APPROACH TO CONTINUOUSLY IMPROVE COLIBAN WATER'S MAINTENANCE REGIME Elizabeth Christian Lendlease Daniel Watson Coliban Water	WASTEWATER ODOUR CONTROL IN AUSTRALIA - THE GOOD, THE BAD AND THE ORDINARY Mitch Laginestra GHD	DOES YOUR NETWORK OPERATE AS WELL AS YOU THINK? Carmel Cumming Coliban Water	RECOVERING ENERGY, NUTRIENTS FROM ORGANIC SOLIDS VIA HYDROGEN REDUCTION: A GAME CHANGER FOR WASTEWATER TREATMENT Chris Hertle GHD	THE ROLE MICROORGANISMS PLAY IN THE EFFICIENCY OF WASTE STABILISATION LAGOONS Holly Stolberg The Advanced Water Management Centre and Urban Utilities	DEVELOPING AN AFFORDABILITY MEASURE FOR DOMESTIC WATER AND WASTEWATER SERVICES Livia Bonazzi & Kirsty Henry Western Water	QUANTIFYING RISK FOR STRATEGY DEVELOPMENT TO IDENTIFY RESILIENT OPTIONS Peter Carroll GHD Igor Posenjak Melbourne Water	WESTERN PARKLAND CITY - THE VALUE OF INTEGRATED BLUE-GREEN INFRASTRUCTURE PLANNING Amanda Jones NSW Department of Planning, Industry and Environment Alexus van der Weyden Frontier Economics
3:10pm-3:15pm	71	359	245	169	116	139	290	253
	BIM FOR WATER: CASE OF SEQWATER SEEKING TO STRATEGICALLY NAVIGATE A SENSIBLE TRANSITION PATHWAY Dr Katrin Sturm Seqwater	DEVELOPMENT OF A TECHNOLOGY POOL FOR SEWER NETWORK ODOUR MANAGEMENT Dr Teresa Qiu SA Water	A TOOLBOX FOR ACCESS AND INSIGHTS INTO WATER QUALITY DATA FOR NON-TECHNICAL PLANNING STAFF Lisa Hamilton WaterNSW	APPLICATION OF CARRIER GAS EXTRACTION (CGE) FOR SALT RECOVERY AND ZLD Steven Lam & Hilary Chiang Gradiant International Holdings	TRANSFORMING WASTEWATER TREATMENT IN REGIONAL AUSTRALIA WITH ROBUST TECHNOLOGY FOR MULTIPLE BENEFITS: A CRC FUNDED PROJECT Dr Andrew Ward Urban Utilities and The Advanced Water Management Centre/ The University of Queensland	FROM CALL CENTRE TO CARE CENTRE Peter Dinh SA Water	DROUGHT ADAPTABILITY OF LARGE COMMERCIAL AND INDUSTRIAL WATER USERS - KEY LEARNINGS Adam Jones BMT	KEY INGREDIENTS FOR COLLABORATIVE DECISION-MAKING WHEN YOU'RE NOT IN CHARGE Christopher Tancheff South East Water
3:15pm-4:00pm	CLOSING NETWORKING DRINKS							