

## Ozwater'20 Technical Posters

\*Please note Thirst Quenchers will also have a 5-minute formal presentation in the technical stream in addition to the poster display. Please refer to the latest program [here](#).

| ID  | Category        | Poster Title  | Poster Author(s)                            |
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| 73  | Thirst Quencher | A BUG'S LIFE: LESSONS LEARNED IN ODOUR CONTROL AT A LARGE URBAN PUMP STATION  | Anthony Domanti, WSP                        |
| 178 | Thirst Quencher | A FLUIDISED-BED ALGAL REACTOR FOR NUTRIENT REMOVAL AND RESOURCE RECOVERY  | Matthew Kube, RMIT University               |
| 70  | Poster Only     | A HOLISTIC SEWERAGE SOLUTION FOR INFORMAL SETTLEMENTS   | Eamon Casey, Iota                           |
| 423 | Thirst Quencher | A HUMAN APPROACH TO DIVERSITY AND INCLUSION - THE BARWON WATER STORY  | Jo Murdoch, Barwon Water                    |
| 431 | Poster Only     | A NOVEL METHODOLOGY FOR ASSESSING SALT WATER INGRESS IN A COASTAL WASTEWATER CATCHMENT                              | Tashya Miranda, Sydney Water                |
| 360 | Thirst Quencher | A PRACTICAL APPROACH TO BALANCING RISK AND COST - UNITYWATER SEWAGE TREATMENT PLANTS ASSESSMENT                     | Zoubir Ait Mansour, Unitywater              |
| 442 | Thirst Quencher | A REVOLUTIONARY 'WATER QUALITY RISK FRAMEWORK' - ALIGNING FOUR ORGANISATIONS' RISK MATRICES AND PUBLIC HEALTH RISKS | ASM Mohiuddin, Sydney Water                 |
| 333 | Thirst Quencher | A ROADMAP FOR CUSTOMER EXPERIENCE TRANSFORMATION  | Jane Tyzack, Barwon Water                   |
| 245 | Thirst Quencher | A TOOLBOX FOR ACCESS AND INSIGHTS INTO WATER QUALITY DATA FOR NON-TECHNICAL PLANNING STAFF                          | Lisa Hamilton, WaterNSW                     |
| 202 | Poster Only     | AC WATER MAIN RENEWAL - A TITEFLOW APPROACH BY INTERFLOW  | Scott Jordan-Legg, Interflow                |
| 9   | Poster Only     | ACTION WITH AQUASSISTANCE: TOWARDS BETTER WATER ACCESS FOR RURAL LAO COMMUNITIES                                    | Caroline Herman, SUEZ                       |
| 376 | Thirst Quencher | ADOPTION OF DIGITAL TWINS - ALIGNING OPERATIONAL MODELS AND ANALYTICS   | Patrick Bonk, Innovyze                      |
| 37  | Poster Only     | ADVANCED MACHINE LEARNING FROM MULTI-SOURCE DATA FOR WATER PIPE FAILURE PREDICTION                                  | Bin Liang, University of Technology Sydney  |
| 332 | Poster Only     | ALTERNATIVE COAGULANT TRIAL TO IMPROVE SEASONAL HIGH ALGAL PH COAGULATION   | Jennifer Dreyfus, Allwater                  |
| 110 | Thirst Quencher | AN ADAPTABLE UTILITY RESPONSE TO EFFECTIVELY FACILITATE MAJOR GOVERNMENT PROJECTS                                   | Guilliano Andy, City West Water             |
| 399 | Thirst Quencher | AN INTERMITTENTLY MIXED HIGH RATE ALGAL POND FOR WASTEWATER TREATMENT IN RURAL SOUTH AUSTRALIA                      | Ngai Ning Cheng, Flinders University        |
| 169 | Thirst Quencher | APPLICATION OF CARRIER GAS EXTRACTION (CGE) FOR SALT RECOVERY AND ZLD   | Steven Lam, Gradiant International Holdings |

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| 334 | Poster Only     | BENEFITS OF MANAGING RECYCLED WATER MEMBRANE PLANTS IN AN AGILE AND COLLABORATIVE MANNER                     | Jennifer Dreyfus, Allwater  |
| 71  | Thirst Quencher | BIM FOR WATER: CASE OF SEQWATER SEEKING TO STRATEGICALLY NAVIGATE A SENSIBLE TRANSITION PATHWAY              | Katrin Sturm, Seqwater  |
| 466 | Thirst Quencher | BRINGING QUALITY POTABLE WATER TO REMOTE NORTHERN TERRITORY, ICE PIGGING IN BORROLOOLA AND GARAWA            | Graeme Berriman, SUEZ   |
| 446 | Thirst Quencher | BROADENING WASTEWATER PLANNING SOLUTIONS TO ALIGN WITH THE ASPIRATIONS OF THE COMMUNITY                      | Frances Rutledge, Hunter Water  |
| 480 | Thirst Quencher | BUILDING CIRCULAR ECONOMY SOLUTIONS FOR SMART CITIES   | Justin Frank, SUEZ  |
| 255 | Poster Only     | BUILDING FLOWSHEETS FOR SUCCESSFUL POTABLE WATER REUSE SCHEMES   | Stephen Katz, SUEZ  |
| 94  | Thirst Quencher | CEDAR GROVE ENVIRONMENTAL CENTRE: ONE OF AUSTRALIA'S MOST SUSTAINABLE WASTEWATER TREATMENT PLANTS            | Mark Vaughan, Logan City Council  |
| 36  | Poster Only     | CERAMIC MEMBRANE FILTRATION FOR WASTEWATER RECYCLING   | Sergio Domingos, Water Corporation                                      |
| 101 | Thirst Quencher | CHANGING THE WAY WE CHANGE; IT STARTS WITH A CONVERSATION  | Bronwen Sharples, TasWater  |
| 242 | Poster Only     | CHARACTERISTIC WASTEWATER INFLOW PROFILE GENERATION  | Phillip Meng, Water Corporation   |
| 234 | Thirst Quencher | CITY WEST WATER: BUILDING AND MAINTAINING TRUST WITH OUR CUSTOMERS   | Samantha Aitchison, City West Water                                     |
| 357 | Thirst Quencher | 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)     |
| 42  | Thirst Quencher | COLLABORATING ON A REGIONAL VISION FOR WATER SECURITY IN SEQ: THE WATER SECURITY PARTNER PANEL               | Amanda Binks, Seqwater  |
| 392 | Thirst Quencher | COMPETENCY & CAPABILITY AUDIT & ASSESSMENT OF REMOTE WATER SUPPLY OPERATORS                                  | Michelle O'Donnell, Power and Water                                     |
| 304 | Thirst Quencher | CONDITION ASSESSMENT OF FAILED HDPE WATER MAIN INSTALLED IN 2014   | Prabhakar Krishnasamy, Unitywater                                       |
| 371 | Poster Only     | CRC CARE'S NOVEL TECHNOLOGIES FOR EFFICIENT REMEDIATION OF PFAS CONTAMINATED WASTEWATER, CEMENT AND SOIL     | Dr Aravind Surapaneni, South East Water & Prashant Srivastava, CRC CARE |
| 153 | Thirst Quencher | CREATING A GLOBAL GREEN INFRASTRUCTURE WORKFORCE - IMPLEMENTING THE U.S. NGICP IN NEW ZEALAND                | James Reddish, WSP  |
| 477 | Poster Only     | DASHBOARDS : MANAGING WATER AND WASTEWATER DATA TO REDUCE ENERGY COST  | Erin Evanochko, SUEZ  |
| 337 | Poster Only     | DELIVERING CUSTOMER VALUE THROUGH DEMAND MANAGEMENT ON THE ELECTRICITY SPOT MARKET                           | Jennifer Dreyfus, Allwater  |
| 363 | Poster Only     | DELIVERING FOR THE FUTURE THROUGH EFFECTIVE COLLABORATION - PORT LINCOLN WWTP SLUDGE MANAGEMENT PROJECT      | Dr Teresa Qiu, SA Water   |
| 444 | Poster Only     | DEMONSTRATION OF THE ENERPEL™ PROCESS FOR BIOSOLIDS MANAGEMENT   | Dr Gary Love, Urban Utilities   |

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| 156 | Thirst Quencher | DESAL 2.0. MATURE WATER SECURITY PLANNING IN THE 2020S  | Grant Gabriel, WSP  |
| 279 | Thirst Quencher | DEVELOPING AN AUSTRALIAN STANDARD FOR FLUSHABILITY  | Chantal Keane, Urban Utilities  |
| 183 | Thirst Quencher | DEVELOPING ASSUMPTIONS FOR LONG TERM DEMAND FORECASTING   | Marcia Dawson, Sydney Water   |
| 359 | Thirst Quencher | DEVELOPMENT OF A TECHNOLOGY POOL FOR SEWER NETWORK ODOUR MANAGEMENT   | Teresa Qiu, SA Water  |
| 57  | Thirst Quencher | DEWATERING POLYMER CONVERSION FROM POWDER TO EMLUSION DUE TO A SECONDARY TREATMENT PROCESS CHANGE               | Colin Haughton, Water Corporation of WA                               |
| 445 | Thirst Quencher | DO THE NUMBERS STACK UP? THE ROLE OF THE WATER SECTOR IN SUPPORTING COOL AND THRIVING COMMUNITIES               | Lorena Ikic, CRC for Water Sensitive Cities, University of Queensland |
| 290 | Thirst Quencher | DROUGHT ADAPTABILITY OF LARGE COMMERCIAL AND INDUSTRIAL WATER USERS - KEY LEARNINGS                             | Adam Jones, BMT   |
| 458 | Thirst Quencher | DROUGHT AND GROWTH PLANNING IN WESTERN AND SOUTH WESTERN SYDNEY   | Stephen Keane, Sydney Water   |
| 405 | Thirst Quencher | EMBEDDING AUGMENTED INTELLIGENCE INTO THE DNA OF WATER OPERATIONS   | Kalan Braun, TRILITY  |
| 181 | Thirst Quencher | ENABLING WELLBEING: TESTING A 'SAFETY DIFFERENTLY' BASED EMPLOYEE WELLBEING INITIATIVE                          | Martin Smith, John Holland  |
| 226 | Thirst Quencher | ENHANCING OUR UNDERSTANDING OF ANAEROBIC DIGESTERS USING NEXT GENERATION SEQUENCING AND STATISTICS              | Ben van den Akker, SA Water   |
| 313 | Poster Only     | ENJOY. EXPLORE. PRESERVE. OPENING SOUTH AUSTRALIAN RESERVOIR RESERVES   | Anna Day, Michael McCarthy & Tara Hage, SA Water                      |
| 468 | Thirst Quencher | ESTIMATING FUTURE COSTS OF CLIMATE CHANGE - A PILOT   | Deborah Riley, Melbourne Water  |
| 434 | Thirst Quencher | EVENT-BASED MONITORING OF CRYPTOSPORIDIUM AND GIARDIA IN PREPARATION TO MEET HEALTH-BASED TARGETS               | Chris Owens, Sydney Water   |
| 83  | Thirst Quencher | EVER FELT MISUNDERSTOOD? OUR BRAND HAS - SO WE FIXED IT   | Paige-Elise Galloway, South East Water                                |
| 107 | Poster Only     | FINDING THE RIGHT BALANCE BETWEEN INVESTMENT IN INFRASTRUCTURE AND ENVIRONMENTAL OUTCOMES                       | Liz Roder, SA Water   |
| 87  | Thirst Quencher | FIRE AND FILTRATION - ADDRESSING HEALTH BASED TARGETS AND BUSHFIRE RISKS TO MELBOURNE'S WATER SUPPLY CATCHMENTS | Denise Fontana, Melbourne Water                                       |
| 292 | Thirst Quencher | FISHERMANS BEND WATER SENSITIVE DRAINAGE AND FLOOD STRATEGY   | Philip Joyce, GHD   |
| 386 | Poster Only     | FRAMEWORK FOR DEVELOPMENT OF HOUSEHOLD PHOTOELECTROCATALYTIC SYSTEM FOR ADVANCED DRINKING WATER TREATMENT       | Gustavo Corte Tedesco, Murdoch University                             |
| 139 | Thirst Quencher | FROM CALL CENTRE TO CARE CENTRE   | Peter Dinh, SA Water  |
| 424 | Poster Only     | FULL SCALE ANITA MOX® SIDE STREAM - THE WAIT IS OVER FOR AUSTRALIA  | Karen Shaw, Veolia & Justine Todhunter, Urban Utilities               |

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| 52  | Thirst Quencher | GOOD VIBRATIONS AT POONA DAM: CYANOBACTERIA AND ASSOCIATED TASTE AND ODOUR METABOLITE CONTROL USING ULTRASOUND     | Renee Hague, Seqwater   |
| 33  | Thirst Quencher | H2OME - RESIDENTIAL WATER END-USE CLASSIFICATION IN LOW RESOLUTION METER READINGS                                  | Natasha Ogonowski, Water Corporation  |
| 383 | Poster Only     | HARMFUL CYANOBACTERIA IN SLUDGE AND REUSE SYSTEMS: EXPLORING ACCUMULATION PHENOMENA AND MANAGEMENT STRATEGIES      | Dr Arash Zamyadi, Water Research Australia  |
| 296 | Thirst Quencher | HARNESSING THE D&I ADVANTAGE AT SYDNEY WATER   | Rosalind Reidy, Sydney Water  |
| 474 | Thirst Quencher | IMPACTS ON OPEN SPACE WATER DEMAND FROM A CHANGING CLIMATE   | Paul Lamble, Peak Water Consulting  |
| 11  | Poster Only     | IMPLEMENTING ONE WATER - POSTCARDS FROM THE USA  | Prof Pierre Mukheibir, Institute for Sustainable Futures, University of Technology Sydney |
| 249 | Poster Only     | IMPROVING SUSTAINABILITY OF RECYCLED WATER: AN MBR UPGRADE AT YEPPON STP   | Jessica O'Hare, Downer  |
| 481 | Poster Only     | IMPROVING WATER SECURITY WITH SURGE RESERVIORS   | Mani Manivasakan, SMEC  |
| 438 | Poster Only     | INNOVATIVE METHOD FOR FILTER ASSESSMENT DRIVES OPERATIONAL EXCELLENCE, WATER SAVINGS AND PROACTIVE FILTER OVERHAUL | Coralie Gabus, Sydney Water   |
| 222 | Poster Only     | INNOVATIVE ODOUR AND CORROSION CONTROL WITH GRENOX   | David Redfern, Grenof Pty Ltd   |
| 170 | Poster Only     | INTEGRATED PROCESS SIMULATION OF SEWERS AND TREATMENT FACILITIES FOR SUSTAINABLE URBAN WASTEWATER MANAGEMENT       | Dr Julian Sandino, Jacobs   |
| 134 | Thirst Quencher | INTEGRATED URBAN FLOOD MANAGEMENT - A GUIDE TO CHOOSING, FINANCING AND FUNDING THE OPTIONS                         | Ben Furnage, CRC for Water Sensitive Cities   |
| 47  | Thirst Quencher | INVESTIGATION INTO THE RISK OF LEAD LEACHING FROM A WATER METER  | Suzanne McDonald, GWMWater  |
| 61  | Poster Only     | INVESTIGATION INTO UNEXPLAINED TASTE AND ODOUR EVENT AT A SYDNEY DRINKING WATER STORAGE                            | Lisa Hamilton, WaterNSW   |
| 467 | Thirst Quencher | KATHERINE 'CLOUD TO CUP'- CREATING A GENERATIONAL CHANGE IN REGIONAL COMMUNITY ATTITUDES                           | Joel Spry, Power and Water Corporation  |
| 300 | Poster Only     | KEEPING AN ANAEROBIC DIGESTER VIABLE AFTER CRITICAL ASSET FAILURE  | Helen Beard, Allwater   |
| 275 | Thirst Quencher | KEEPING OUR PEOPLE SAFE WHILST WORKING ALONE   | James Ryan, Allwater  |
| 253 | Thirst Quencher | KEY INGREDIENTS FOR COLLABORATIVE DECISION-MAKING WHEN YOU'RE NOT IN CHARGE  | Christopher Tancheff, South East Water  |
| 350 | Poster Only     | LEARNINGS FROM A COLLABORATIVE 5 YEAR, LARGE SCALE CONDITION ASSESSMENT PROGRAM                                    | Anna West, SMEC<br>Maddy Kench, Jacobs & Paul Weeks, Urban Utilities                      |
| 219 | Thirst Quencher | LESSONS LEARNT FROM A DECADE OF WASTEWATER REUSE THROUGH MANAGED AQUIFER RECHARGE                                  | Meena Yadav, Allwater   |

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| 342 | Thirst Quencher | MANAGED AQUIFER RECHARGE TO SUPPORT ECOLOGICAL RESTORATION OF VEGETATION IN THE KATARAPKO FLOODPLAIN                              | Hayley Whittington, Wallbridge Gilbert Aztec          |
| 21  | Thirst Quencher | MANAGING FILAMENTS WITH TITANIUM PHASE-SEPARATION TECHNOLOGY  | Wayne Bagg, Water Corporation                         |
| 75  | Thirst Quencher | MANAGING SUDDEN SURGES OF NITROGEN LOAD AT A COASTAL SEWAGE TREATMENT PLANT   | Hemadri Saha, Aurecon                                 |
| 29  | Poster Only     | MAXIMISING RETURN ON INVESTMENT BY OPTIMIZING AND PRIORITIZING CAPITAL IMPROVEMENTS FOR JOHNSON COUNTY WASTEWATER                 | Andrew Faulkner, WCS Engineering                      |
| 261 | Poster Only     | MINE PIT LAKES: GEOCHEMISTRY, WATER MANAGEMENT AND LEGACY   | Dr Kathryn Linge, ChemCentre                          |
| 358 | Thirst Quencher | MODELLING SIMULTANEOUS NITRIFICATION AND DENITRIFICATION WITH PLUG-FLOW SAMPLING AT LUGGAGE-POINT SEWAGE TREATMENT PLANT          | Paul McPhee, Urban Utilities                          |
| 51  | Thirst Quencher | MOVING TOWARDS A ZERO ENVIRONMENTAL FOOTPRINT DAIRY PLANT   | Richard Greenwood, Jacobs                             |
| 327 | Thirst Quencher | MY CUSTOMER FOCUS   | Jeremy Lucas, Allwater                                |
| 402 | Thirst Quencher | NEEDLE IN THE HAYSTACK, FINDING THE BURST THAT FLOODS   | Ian Hiles, Hunter Water                               |
| 377 | Poster Only     | OPERATING REUSE RESERVOIRS FOR DROUGHT PROOFING: PURE OXYGEN INJECTION, GEOCHEMISTRY, CONTINUOUS MONITORING, AND MACHINE LEARNING | David Austin, Jacobs                                  |
| 210 | Poster Only     | OPERATIONAL WORKFORCE OF THE FUTURE - WHERE THE FIELD AND CENTRALISED OPERATIONS MEET   | Steve Muir, Allwater JV                               |
| 125 | Thirst Quencher | OPTIMISING PEAKING FACTORS FOR PLANNING AND DESIGN OF TRUNK WATER MAINS   | Ken Goraya, Unitywater                                |
| 274 | Poster Only     | OPTIMISING SOUTH AUSTRALIA'S WATER SUPPLY FROM THE RIVER TO THE OUTBACK AND EVERYWHERE IN-BETWEEN                                 | Lisa Blinco, SA Water                                 |
| 165 | Poster Only     | OPTIMIZING CONDITIONS FOR AEROBIC AND ANAEROBIC BIOLOGICAL WASTEWATER TREATMENT IN A SINGLE SYSTEM                                | Zeev Fisher, Mapal Aeration Solutions                 |
| 266 | Thirst Quencher | ORGANIC WASTE TO ENERGY - IS IT VIABLE IN 2020?   | Alister Green, GHD                                    |
| 85  | Thirst Quencher | PREVENTING CRITICAL WATER TRUNK FAILURES  | Michael Nicholas, SA Water                            |
| 127 | Thirst Quencher | PRICING FOR DIGITAL WATER METERING  | Mark Fitzgibbon, KPMG                                 |
| 321 | Thirst Quencher | PROACTIVE MITIGATION OF NETWORK PRESSURE EVENTS AND CUSTOMER INTERRUPTIONS USING DEPLOYABLE SMART TECHNOLOGY                      | Dan Ford, Allwater                                    |
| 429 | Poster Only     | QUANTIFICATION OF OZONE DISINFECTION CAPABILITIES IN REAL-WORLD SETTINGS  | Jack Budgen, Sydney Water                             |
| 303 | Poster Only     | RAISE YOUR GLASS: SUSTAINING GREAT WATER QUALITY AT LOGAN'S WINEGLASS RESERVOIR   | Caitlin Gilbert, Downer Utilities, Logan City Council |
| 455 | Thirst Quencher | REALISING THE ECONOMIC VALUE OF RENEWABLE ENERGY FROM BIOSOLIDS   | Lauren Randall, Hunter Water                          |
| 323 | Poster Only     | ROBE - A JOURNEY OF CONTINUAL IMPROVEMENT   | Carmen Wentrock, Tonkin                               |

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| 256 | Thirst Quencher | ROBOTIC TANK CLEANING - SEPARATING THE FACT FROM THE FICTION   | Antony Old, Watertight Robotics                        |
| 86  | Poster Only     | SAVING OUR NETWORK: WATER MAINS PRIORITISATION AND RENEWAL PROGRAM   | Avneet Sethi, Mackay Regional Council                  |
| 367 | Thirst Quencher | SCOPE 1 EMISSION CHALLENGE - AN INNOVATION APPROACH TO IDENTIFYING SOLUTIONS   | Michael Storey, Isle Utilities                         |
| 241 | Thirst Quencher | SEASONALITY DETECTION IN TIME-SERIES DATA  | Phillip Meng, Water Corporation                        |
| 280 | Thirst Quencher | SELF SERVICE WEBPORTAL PORTAL FOR PRESSURE AND FIRE FLOW FOR THE LAND AND BUILDING DEVELOPMENT INDUSTRY                      | Alana Duncker, Stantec                                 |
| 419 | Poster Only     | SEPTICITY CONTROL: THE NETWORK AND TREATMENT PLANT BENEFITS OF CATCHMENT MAGNESIUM HYDROXIDE DOSING                          | Ralph Lloyd-Smith, Calix Limited                       |
| 462 | Thirst Quencher | SIMPLIFYING HIGH RISK MANAGEMENT STANDARDS FOR FRONTLINE WORKERS   | Clint Theil, Veolia                                    |
| 103 | Poster Only     | SMART DECISION TOOLS FOR PIPE LINING   | James Gardner, Water Services Association of Australia |
| 370 | Poster Only     | SOIL INJECTION OF LIQUID BIOSOLIDS: SUCCESSFUL IMPLEMENTATION OF RESEARCH DEVELOPMENT & DEMONSTRATION (RD&D) PATHWAY PROJECT | Dr Aravind Surapaneni, South East Water                |
| 132 | Thirst Quencher | SOLAR POWERED MEMBRANE CAPACITIVE DEIONIZATION (MCDI): IS IT AN ALTERNATIVE FOR REMOTE POTABLE WATER SUPPLY?                 | Clare Bales, University of New South Wales             |
| 315 | Thirst Quencher | SPOIL REUSE: CONTRIBUTING TO CIRCULAR ECONOMY IN CANBERRA  | James Gibson, Icon Water                               |
| 345 | Thirst Quencher | SUNWATER REGIONAL BLUEPRINT: COLLABORATIVE AND ADAPTIVE PLANNING FOR LONG-TERM WATER SUPPLY UNDER AN UNCERTAIN FUTURE        | Gloria Vega, Sunwater                                  |
| 298 | Thirst Quencher | SUPPORTING DRINKING WATER SAFETY IN REGIONAL NEW SOUTH WALES   | Sandy Leask, NSW Health                                |
| 394 | Thirst Quencher | SYDNEY WATER GUIDELINES FOR ROBUST AND EFFICIENT PLANNING OF WASTEWATER TREATMENT ASSETS                                     | William Wu, Sydney Water                               |
| 433 | Poster Only     | SYDNEY WATER'S INNOVATIVE APPROACHES TO PREDICT, DISCOVER AND TO REPAIR LEAKS & BREAKS                                       | Dammika Vitanage, Sydney Water                         |
| 198 | Thirst Quencher | TALKING KORIMULLIKO: RESEARCHING INDIGENOUS WATER VALUES IN THE HUNTER   | Steve McAleer, Hunter Water                            |
| 314 | Poster Only     | TANILBA BAY WASTEWATER TREATMENT WORKS UPGRADE TO IMPROVE WATER QUALITY  | Dr. Samar Aly, WSP                                     |
| 190 | Poster Only     | THE CHALLENGES OF NON-REVENUE WATER REDUCTION IN REMOTE REGIONS  | Alex Norman, Detection Services                        |
| 96  | Thirst Quencher | THE COLAC WEB - WASTE TO PROSPERITY  | Matthew Stewart, Barwon Water                          |
| 291 | Thirst Quencher | THE EFFECT OF FLUSHING ON LEAD CONCENTRATIONS IN DRINKING WATER  | Jack Budgen, Sydney Water                              |
| 282 | Poster Only     | THE VALUE OF KEEPING OPTIONS OPEN  | saskia kempener, Urban Utilities                       |
| 225 | Poster Only     | TOWARDS A GREENER FUTURE WITH THE ALLWATER EMERGING PROFESSIONALS GROUP  | Julien Anese, Allwater                                 |



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| 312 | Thirst Quencher | TOWARDS A RECOGNISED FRAMEWORK FOR ADDRESSING URBAN WATER SYSTEM RESILIENCE AND MEGA DROUGHT                               | Russell Beatty, HARC   |
| 116 | Thirst Quencher | TRANSFORMING WASTEWATER TREATMENT IN REGIONAL AUSTRALIA WITH ROBUST TECHNOLOGY FOR MULTIPLE BENEFITS: A CRC FUNDED PROJECT | Andrew Ward, Urban Utilities and The Advanced Water Management Centre / The University of Queensland |
| 100 | Thirst Quencher | UNDERSTANDING THREAT PERCEPTION TO INFORM ENVIRONMENTAL COMMUNICATION: A PSYCHOLOGICAL PERSPECTIVE                         | Madelyn Pardon, James Cook University  |
| 257 | Poster Only     | URBAN WATER SECTOR REFORM 2020   | Michael Smit, Kingspan Water and Energy  |
| 239 | Thirst Quencher | USING CHANGES TO FLUORIDE DOSING TO VALIDATE NETWORK HYDRAULIC MODELS  | Uwe Kaeding, Allwater JV   |
| 108 | Thirst Quencher | USING DRONE-ASSISTED PHOTOGRAMMETRY FOR MONITORING LARGE MEMBRANE STRUCTURES   | Wingkong Chiu, Department of Mechanical & Aerospace Engineering, Monash University                   |
| 201 | Thirst Quencher | UTILISING CHANGE MANAGEMENT PRINCIPLES TO IMPROVE PUBLIC HEALTH, ONE WATER MAIN REPAIR AT A TIME                           | Lisa Andersons, MidCoast Council   |
| 326 | Thirst Quencher | VULNERABLE CUSTOMER INCLUSIVENESS & POSITIVE BEHAVIOURAL SUPPORT   | Kylie Bennett, Hunter Water  |
| 243 | Thirst Quencher | WASTEWATER FLOW BALANCING BY OPTIMISING PUMP BEHAVIOUR TO USE STORAGE IN NETWORK   | Phillip Meng, Water Corporation  |
| 235 | Poster Only     | WASTEWATER PROCESS MODELLING OF SULPHUR AND REDOX TO UNDERSTAND AND OPTIMISE FULL SCALE PROCESSES                          | Josef Cesca, Jacobs  |
| 122 | Poster Only     | WATER UTILITIES OF THE FUTURE - THE IMPLICATIONS OF A HYDROGEN ECONOMY ON THE WATER SECTOR                                 | John Poon, Jacobs  |
| 299 | Poster Only     | WATER, EXERCISE AND THE NATURAL ENVIRONMENT: MENTAL HEALTH AND WELLBEING IN REGIONAL AUSTRALIA                             | Daniel Mollison, Jacobs  |
| 203 | Thirst Quencher | WATERGUIDE - A FRAMEWORK FOR IMPROVING WATER RESOURCE MANAGEMENT IN THE JORDAN VALLEY                                      | Amy Syvrud, Aither   |
| 224 | Thirst Quencher | WORKING TOGETHER TO ENABLE A FASTER RESPONSE TO CUSTOMER CONCERNS  | Julien Anese, Adelaide Services Alliance   |
| 330 | Poster Only     | WORLD LEADING INTERNATIONAL PARTNERSHIP USING INTELLIGENT SENSING TO ASSESS THE NEPEAN TRUNK MAIN                          | Yves Andre, Veolia   |