




- poster presentation
- paper presentation
- workshops & panels
- meal/break times

| 8:30am-10:00am PLENARY | | | | | | | | | | | | | EXHIBITION STAGE | | |
|-----------------------------|---|---|---|---|---|--|---|---|---|---|---|--|--|---|------------------|
| 10:00am-10:45am MORNING TEA | | | | | | | | | | | | | EXHIBITION STAGE | | |
| 10:45am-12:40pm | STREAM 1 ROOM M1 | STREAM 2 ROOM M2 | STREAM 3 ROOM P6 | STREAM 4 ROOM P10 | STREAM 5 ROOM P3&4 | STREAM 6 ROOM P9 | STREAM 7 ROOM P8 | STREAM 8 ROOM P11 | STREAM 9 ROOM P7 | STREAM 10 ROOM M4 | ROOM M3 | ROOM P5 | ROOM P1&2 | EXHIBITION STAGE | |
| | SUB-THEME 2: EXCELLENCE IN OPERATIONS | SUB-THEME 3: ASSET MANAGEMENT, PLANNING AND DELIVERY | SUB-THEME 10: RESPONDING TO CLIMATE CHANGE & EXTREME EVENTS | CURATED STREAM | SUB-THEME 6: FIRST PEOPLE'S KNOWLEDGE & PARTICIPATION | SUB-THEME 4: DELIVERING EXCELLENCE IN CUSTOMER EXPERIENCE | SUB-THEME 8: SECURING COMMUNITY AND ENVIRONMENTAL HEALTH | SUB-THEME 9: THE WATER NEXUS: ACHIEVING A CIRCULAR ECONOMY | SUB-THEME 11: RESILIENCE & WATER SECURITY | SUB-THEME 3: ASSET MANAGEMENT, PLANNING AND DELIVERY | WORKSHOP/PANEL | WORKSHOP/PANEL | AWA SPECIALIST NETWORK FEATURE | STUDENT WATER PRIZE | |
| | DRINKING WATER OPTIMISATION Sponsored by: | DATA | MANAGING OPERATIONS FOR CLIMATE CHANGE Sponsored by: | GREEN WATER FOR INDUSTRY Sponsored by: | COUNTRY-LED DESIGN | USING TECHNOLOGY TO ENHANCE EXPERIENCES Sponsored by: | EMERGING CONTAMINANTS Sponsored by: | REGULATION AND CIRCULAR ECONOMY | WATER REUSE AND RESOURCE RECOVERY Sponsored by: | INFRASTRUCTURE, INVESTMENT AND PRIORITISATION Sponsored by: | | | | | |
| 10:50am | 331 INNOVATIVE APPROACHES TO MANAGING TASTE AND ODOUR IN SEAWATER'S LARGEST RAW DRINKING WATER SUPPLY SYSTEM: THE BRISBANE RIVER Dr David Roberts, Seqwater | 107 SCADA WATER BALANCE ANALYTICS ON LARGE COMPLEX SUBSYSTEMS Dr Gareth Williams, SensorClean.ai and Archie Tuffour, Hunter Water | 597 EXTREME-STORM IMPACTS ON HYDRODYNAMICS AND MICROBIAL WATER QUALITY IN A WARM-MONOMICTIC RESERVOIR AND DOWNSTREAM RIVER: AN INTEGRATED MODELLING APPROACH Dr Mohammad Hassan Ranjbar, Griffith University | 352 WATER TREATMENT SLUDGE - HOW TO SCREW IT Tristan Priddy, KBR | 148 ABORIGINAL WATER RESERVES - A RESOURCE FOR ABORIGINAL ECONOMIC DEVELOPMENT Abbe Darwood, Department of Lands, Planning and Environment, Northern Territory Government | 137 COMPLAINT TO CHANGE SOUTH EAST WATER NEW COMPLAINTS MANAGEMENT FRAMEWORK Christopher Riddle & Nick Sams, South East Water | 428 REGULATION TO REALITY: BALANCING RAPID RESPONSE AND ESSENTIAL SERVICE DELIVERY AT SCALE THROUGH PARTNERSHIPS AND INNOVATION Nicholas Foot, CDM Smith Australia | 452 THE TRIPLE CARBON REDUCTION PROJECT: REDUCING GHG EMISSIONS WITH MABR Gerin James, DuPont Water Solutions | 495 TURNING STORMS INTO SOLUTIONS: STORMWATER HARVESTING FOR CLIMATE ADAPTATION Arun Nirmalaraja, Stantec | 167 THE DA MADE ME DO IT: PLANNING TRAUMA IN THE WATER SECTOR Caitlyn Dunleavy, Water Technology | P38 Workshop CLIMATE CHANGE ADAPTATION: HOW INDIGENOUS SCIENCE CAN BOLSTER ADAPTATION EFFORTS Facilitators Lesley Golds, Beca/Hunter H2O Phil Duncan, Beca/Hunter H2O Bill Moulton, Beca/Hunter H2O | P37 Panel STORMWATER SERVICES AUSTRALIA Philip Birles, Sydney Water | P26 Panel CARBON CREDITS OR CARBON CUTS? CHARTING A PRACTICAL PATH BEYOND ZERO IN THE WATER SECTOR Facilitators Keith Dimech, Beyond Zero Specialist Network Sam Skinner, Aurecon David Parker, Clean Energy Regulator Nerina De Lorenzo, Melbourne Water Belinda Wade, University of Queensland Business School Matt Kean, Climate Change Authority (TBC) | SEE PROGRAM HERE | |
| 11:00am | 83 ERATE, VENTILATE, INNOVATE: A COST-EFFECTIVE APPROACH TO THM REDUCTION IN DISTRIBUTION NETWORKS Cassandra Mai, WSP and Karen Pollock, Logan Water | 250 CLOSING THE FLOODGATES: LEVERAGING DATA ANALYTICS TO IMPLEMENT TARGETED INFLOW AND INFILTRATION REDUCTION Patrick Dulveran, MidCoast Council | 524 CONVERTING A WASTEWATER TREATMENT PLANT TO A RESOURCE RECOVERY HUB John Day, North East Water | 441 THE DATA-WATER NEXUS: CONFRONTING SCARCITY WITH SUSTAINABLE INNOVATION Mohammad Rahman & David Stone, SMEC | 202 MEANINGFUL COLLABORATION AND INCLUSIVE DESIGN Michael Jacobs & Jessica Oxley, McConnell Dowell SRG Global Joint Venture and Ruby Stevens, SA Water | 369 AI-ENHANCED WASTEWATER BLOCKAGE DETECTION USING SENSOR NETWORK AND GRAFANA-BASED MONITORING Dr Kuda Zvarevashe, SA Water | 206 WATER POLLUTION VS. RECYCLING EMERGING MICROPLASTICS AND PFAS CHALLENGES Juliana Avella & Joel Khouri, Engery Australia | 260 WEIGHING UP THE OPTIONS: ADDRESSING UNCERTAINTY FOR THE SUSTAINABLE MANAGEMENT OF BIOSOLIDS Matt Stewart, AtkinsRéalis and Jason Mingo, Water Services Association of Australia | 24 IMPORTANCE OF OPERATIONS INPUT TO THE DESIGN AND CONSTRUCTION OF UPPER SOUTH CREEK ADVANCED WATER RECYCLING CENTRE Dr Ali Ranjbarboreh, TRILITY | 151 INTEGRATED FACILITY MANAGEMENT PLANNING FOR QUEENSLAND'S LARGEST WASTEWATER TREATMENT PLANT Derek Robertson, Urban Utilities and Matthew Bowerman, Aurecon | | | | | |
| 11:25am | 207 CFD-BASED OPTIMISATION OF OZONE CONTACT TANK DESIGN AT HAPPY VALLEY WTP Dr Yachong (Simon) Xu, WSP and Jason West, SA Water | 563 TOOLBOX FOR MODELLING SOURCES, PATHWAYS, AND DELIVERY OF SEDIMENT IN FORESTED WATER SUPPLY CATCHMENTS Dr Petter Nyman, Alluvium | 317 AN ADAPTIVE, RISK-BASED FRAMEWORK FOR WET WEATHER MANAGEMENT AT BRUSHY CREEK STP Charisse Ledesma, Yarra Valley Water and Miranda Rey-Fleming, Jacobs | 380 WATER FOR DATA CENTRES - HOW LOW CAN WE FLOW? LESSONS FROM POWER, HYDROGEN, AND BEYOND Dr Matthew Brannock, GHD | 117 SYSTEM WIDE APPROACH TO MAPPING FIRST NATIONS VALUES Milroy Jayaveerasingam, Sydney Water, Jordie Cooper & Ben Dunn, Aurecon | 189 LUMOS - LIGHTING THE PATH TO BETTER CUSTOMER EXPERIENCE Joseph Lin & Nyati Tandon, Sydney Water | 227 RAPID RESPONSE TO PFAS IN DRINKING WATER: CUSTOMER ENGAGEMENT, WATER SUPPLY STRATEGY AND TREATMENT INNOVATIONS ASM Mohiuddin, Dr Kaye Power & Corinna Doolan, Sydney Water | 149 PFAS SOURCE CONTROL: ESSENTIAL TO FACILITATING A CIRCULAR ECONOMY FOR THE URBAN WATER SECTOR Dr Louise Reeves, Queensland Water Directorate | 610 SEWER MINING IN ACTION: EVALUATING TREATMENT PATHWAYS AND SUSTAINABILITY AT YARRA PARK WATER RECYCLING FACILITY Dr Luong Nguyen, TRILITY | 499 A TRIED AND TESTED CAPITAL PRIORITISATION MODEL FOR WATER BUSINESSES Richard Cawley, Ricardo (a member of WSP) | | | | | |
| 11:50am | 334 OPTIMISING DIRECT FILTRATION FOR MODERN STANDARDS: FROM 100 NTU TO 0.03 NTU Jiajun Zhang, Veolia | 199 USING BIG DATA REGRESSION TO BUILD PEAK FLOW PROFILES FOR INFRASTRUCTURE DECISIONS Dr Gareth Williams, SensorClean.ai | 178 INVESTIGATING THE IMPACT OF MARINE ALGAE ON THE DESALINATION PROCESS Dr Florence Choo & Claire Kolokas, SA Water | 235 DATA CENTRES, WATER AND THE LONG VIEW: STRATEGIC CHOICES FOR AUSTRALIAN WATER AUTHORITIES IN A RAPIDLY SCALING SECTOR Martina Kempys & Dr Bree Trevena, ARUP | 247 WATER ACROSS WURUNDJERI COUNTRY: VISUALISING WATER SYSTEMS FROM A FIRST NATIONS PERSPECTIVE Celeste Morgan, ARUP and Michael Browne, Wurundjeri Woi-wurrung Cultural Heritage Aboriginal Corporation | 216 MAPPING CUSTOMER WATER USE WITH INTELLIGENCE - A MACHINE LEARNING MODEL Paul Cranwell, SA Water | 259 KEY CHALLENGES FOR THE WATER INDUSTRY RAISED IN THE WATERRA PFAS STATE OF THE SCIENCE REPORT Dr Karl Bowles, Jacobs | 447 SHIFTING THE MINDSET ON SUSTAINABILITY TO ACHIEVE A GOLD STANDARD - A CASE STUDY OF UPPER SOUTH CREEK Nick Freeman, John Holland and Laura Roff, GHD | 333 PFAS IN DRINKING WATER AND REUSE: TRANSLATING US EXPERIENCE AND INNOVATIONS FOR AUSTRALIA'S FUTURE Nathan Boyle, Hazen and Sawyer | 291 OPTIMISING ASSET SOLUTIONS IN A CAPITAL CONSTRAINED ENVIRONMENT Will Gielewski, Greater Western Water and Innes MacPhail, Optumatics Solutions | | | | | |
| 12:15pm | 335 CONTINUOUS ENERGY OPTIMISATION JOURNEY AT SYDNEY DESALINATION PLANT Garrick Lai & Felicia Junatan, Veolia | 373 NSW WATER QUALITY MONITORING FRAMEWORK: AN APPROACH TO ORGANISING, IMPROVING AND SHARING WATER QUALITY DATA David Workman & Cheryl Tang, NSW DCEEW | 124 FLOATING WETLANDS AS A NATURE-BASED SOLUTION TO REDUCE GREENHOUSE GAS EMISSIONS FROM WASTEWATER LAGOONS Dr Kavindra Paranaag & Tamika Johnston, Westport Water | 103 WATER FOR GREEN STEEL: CHALLENGES AND OPPORTUNITIES FOR AUSTRALIA'S NEXT EXPORT INDUSTRY Daniel Viasser, GHD | 420 DESIGNING FOR COUNTRY IN WESTERN SYDNEY: FROM SYMBOLISM TO AUSTRALIA'S LARGEST WATER SENSITIVE CITY Peter Gillam, Aurecon | 370 DEVELOPING A WATER ACCOUNTING SYSTEM OF THE FUTURE - FROM IDEA TO PRACTICE John West, Seqwater | 628 OPTIMIZED GRANULAR ACTIVATED CARBON REACTORS FOR MICROPOLLUTANT REMOVAL AND REAL-TIME MONITORING IN POTABLE REUSE APPLICATIONS Dr Michael Storey & Mathieu Delahaye, SUEZ | 541 RISK ASSESSMENT FOR IMPLEMENTATION OF NOVEL SUSTAINABLE AND RECYCLED MATERIALS IN WATER PROJECTS FOLLOWING VICTORIAN GOVERNMENT'S RECYCLED FIRST POLICY Hadi Karami & Annie Lines, Beca Hunter H2O | 527 A REVIEW OF STORMWATER REUSE IN MELBOURNE: PROGRESS AND BARRIERS Prof. Chris Chesterfield, Monash Sustainable Development Institute | 162 URBAN UTILITIES' SERVICING FRAMEWORK: OUR BLUEPRINT FOR SEPARATING SERVICING "SIGNAL" FROM "NOISE" Shannon Weaver & Annelab Hofstee, Urban Utilities | | | | | |
| 12:40pm-1:40pm LUNCH | | | | | | | | | | | | | | | |
| 1:40pm-3:10pm | STREAM 1 ROOM M2 | STREAM 2 ROOM P7 | STREAM 3 ROOM P6 | STREAM 4 ROOM P5 | STREAM 5 ROOM M4 | STREAM 6 ROOM P9 | STREAM 7 ROOM P8 | STREAM 8 ROOM P11 | STREAM 9 ROOM M3 | STREAM 10 ROOM P10 | ROOM P11 | ROOM P3&4 | ROOM P1&2 | EXHIBITION STAGE | |
| | SUB-THEME 2: EXCELLENCE IN OPERATIONS | SUB-THEME 3: ASSET MANAGEMENT, PLANNING AND DELIVERY | SUB-THEME 1: COMMUNITIES | SUB-THEME 7: LEADERSHIP IN GOVERNANCE & PROGRESSIVE REGULATION | SUB-THEME 2: EXCELLENCE IN OPERATIONS | SUB-THEME 9: THE WATER NEXUS: ACHIEVING A CIRCULAR ECONOMY | SUB-THEME 10: RESPONDING TO CLIMATE CHANGE & EXTREME EVENTS | CURATED STREAM | WORKSHOP/PANEL | WORKSHOP/PANEL | WORKSHOP/PANEL | WORKSHOP/PANEL | AWA SPECIALIST NETWORK FEATURE | AWA WATER JOURNAL FEATURE | |
| | WATER OPTIMISATION Sponsored by: | MONITORING FOR MAINTENANCE Sponsored by: | ENGAGEMENT WITH OUR COMMUNITIES Sponsored by: | INNOVATION, COLLABORATION & SUSTAINABILITY IN GOVERNANCE Sponsored by: | TREND TOWARDS EXCELLENCE Sponsored by: | WATER RECYCLING | INCIDENT RESPONSE | PURIFIED RECYCLED WATER Sponsored by: | | | | | | | |
| 1:45pm | 535 SMART SEWER CLEANING INTERVALS: HOW ADAPTIVE PROGRAMS DELIVER COST AND OVERFLOW BENEFITS Ian Hiles, Hunter Water | 549 REDESIGNING MAINTENANCE DELIVERY AT GWW Amy Higginbotham, Sophie Bangs & Nathan Bennett, Greater Western Water | 627 21 YEARS OF SMART DROP CERTIFIED WATER EFFICIENCY REBATES AND INCENTIVES Chris Philpot, The Water Conservancy | 522 COLLABORATION AND SYSTEMS THINKING IN GOVERNANCE FRAMEWORKS FOR WATER MANAGEMENT Janelle Bartlett, Griffith University | 289 MBRR FOR EFFECTIVE TASTE AND ODOUR CONTROL IN DRINKING WATER TREATMENT A/Prof. Gilda Carvalho & Dr Natasha Rossi, The University of Queensland | 16 IMPROVING RESILIENCE AND CAPACITY OF ALPINE INTAKES Ben Knight, AECOM | 412 BUILDING A FLOOD RESILIENT MELBOURNE: STRENGTHENING CLIMATE RESILIENCE THROUGH COMMUNITY FLOOD LITERACY Speaker to be announced, Melbourne Water | 297 IF A LOG FALLS IN THE LRV FOREST, DOES ANYONE GET SICK? EVALUATING PATHOGEN RISK IN DIRECT POTABLE REUSE Andy Findlay, Tyr Group and Andrew Selveson, Carollo Engineers | W21 Workshop HOW CULTURALLY CAPABLE IS YOUR ORGANISATION? Facilitator Declan Hearne, Seqwater | W1 Workshop LEARNING FROM PFAS: AVOIDING PAST MISTAKES IN MANAGING TOMORROW'S CONTAMINANTS Facilitator: Matthew Askeland, ADE Consulting | W25 Workshop BEYOND SILOS: BUILDING INTEROPERABLE ECOSYSTEMS FOR RESILIENT WATER FUTURES Facilitators: Dr Karamjit Kaur, Adelaide University Abel Immeraj, Aurecon Prof. Markus Stumpfner, Adelaide University | W5 Workshop CATCHMENT HEALTH METRICS: ADOPTING A CONSISTENT FRAMEWORK TO SUPPORT PLANNING, MONITORING AND EVALUATION WITHIN WATER SUPPLY CATCHMENTS Facilitator Jan Orton (Mosaic Insights) | P16 Panel THE CATCHMENT CRISIS: IMPACTS ON PEOPLE, NATURE AND FUTURE RESILIENCE Catchment Management Specialist Network Facilitator Kim Markwell, AWA Catchment Specialist Network | W31 Workshop Water e-Journal Technical Committee | |
| 1:55pm | 88 WORKING WITH WHAT WE'VE GOT - OPTIMISING A 1980S HYBRID TRICKLING FILTER ACTIVATED SLUDGE SEWAGE TREATMENT PLANT Thomas Fair & Scott Caunce, TasWater | 392 ENHANCING PIPELINE INTEGRITY THROUGH SMART CORROSION PREVENTION AND MANAGEMENT Harvey Pantow, SA Water | 52 SHAPING TASMANIA'S WATER FUTURE - OUR PRICE AND SERVICE PLAN ENGAGEMENT PROCESS Samuel Paske & Hayden Moore, TasWater | 17 CO-BENEFITS OF INTEGRATING STRATEGY & SUSTAINABILITY APPROACHES Dr Lisa Ehrenfried & Alice Greenhill, Yarra Valley Water | 64 DEVELOPING OPERATIONAL ANALYTICS AND INSIGHTS FOR WASTEWATER PUMPING STATIONS Ken Goraya & Jean Du Pont, Unitywater | 300 AUSTRALIA'S MOST WATER CIRCULAR CITY: WHO IS WINNING IN WATER REUSE? Celeste Morgan, ARUP | 306 PARTNERING TO PREPARE AND RESPOND TO CRITICAL INCIDENTS Simon Rocco, Aurecon and Jarrod Wynn, Hunter Water | 152 PURIFIED RECYCLED WATER IN THE USA - REGIONAL GROWTH AND OPERATIONAL CHALLENGES Troy Walker, Hazen and Sawyer | Facilitator Brian McIntosh, International WaterCentre Keryn Devenny, Griffith University Sarah Cochran, Seqwater Prof Phil Duncan, Beca/Hunter H2O | Facilitator: Matthew Askeland, ADE Consulting | Facilitators: Dr Karl Bowles, Jacobs Kathy Hopewell, Seqwater Nigel Holmes, Qld Dept of Environment, Tourism, Science and Innovation Prof Frederic Leusch, Griffith University | Facilitators: Alan Johnston, MIMOSA (pre-record) | Facilitator Dr Zach Powell, Water Research Australia Dr Quinn Olliver, WaterNSW Owen Hoar, Water Corporation Lauren Randall, Hunter Water Dr Daniel Livingston, Hunter Water Dr Petter Nyman, Alluvium | | SEE PROGRAM HERE |
| 2:20pm | 236 SCREENING SMARTER AT CHRISTIES BEACH WWTP: REDUCING LANDFILL VOLUMES, COST & UNLOCKING ENERGY POTENTIAL Adam James & Bohan Cui, SUEZ | 437 ENHANCING SEWER ASSET RELIABILITY THROUGH INNOVATIVE STABILISED NO-ENTRY VISUAL INSPECTION TECHNOLOGY James Shingles, SMEC | 221 MORE THAN PIPES AND PUMPS - LEVERAGING LOCAL SERVICE INVESTMENT FOR REGIONAL SUSTAINABILITY BENEFITS Dr Amanda Binks, Jacobs and Ryan Cosgrove, Urban Utilities | 106 PONDI - A LOW-COST LOGGER FOR REAL-TIME MONITORING OF GREENHOUSE GASES FROM AQUATIC SYSTEMS Dr Martino Malerba, RMIT University | 413 IMPACT OF PHOSPHOROUS ON SLUDGE DEWATERABILITY Binod Agarwalla, Water Corporation | 362 A NEW WATER RESOURCE FOCUS FOR UTILITIES: WHAT MATTERS FOR DRIVING STORMWATER HARVESTING Anna Wilson, Frontier Economics | 153 PLANNING FOR DECADES, RESPONDING IN HOURS: LESSONS FROM CYCLONE ALFRED Tara Wolff, Urban Utilities | 212 DEVELOPING AUSTRALIAN GUIDANCE FOR TRADE WASTE CONTROL FOR PRV PROJECTS Dr Marty Hancock, Water Research Australia and Andrew Selveson, Carollo Engineers | | | | | | | |
| 2:45pm | 621 MANAGING BIOFOULING WITH REVERSE OSMOSIS: CONVENTIONAL VS. CROSS-FLOW APPROACHES James Thomson, Osmoflo and Sawkat Ara Pinki, ARC Training Centre for Biofilm Research and Innovation, Flinders University | 219 SUSTAINABLE CATHODIC PROTECTION AND FLOOR PLATE PRESERVATION METHODS FOR WATER AND WASTEWATER STEEL TANKS Dr Hadi Karami, Beca Hunter H2O | 288 OUR RIVER, OUR FUTURE: REVITALISING KANAMALUKA/TAMAR ESTUARY - NEW SEWER PIPELINE PROJECT Hagen Rieck, TasWater | 304 STORMWATER 2030: A NEW COLLABORATIVE MODEL FOR TRANSFORMING URBAN WATER MANAGEMENT IN NSW David Nixon, Stormwater Services Australia | 581 COUPLING PRIMARY FILTRATION AND SUSPENDED AIR FLotation: A COMPACT APPROACH TO RESILIENT TREATMENT Sock Hoon Koh, Black & Veatch | 616 LEVERAGING RECYCLED WATER FOR SUSTAINABLE DATA CENTRE COOLING Mike Russell, Black & Veatch | 168 GRAMPIANS NATIONAL PARK 2024/2025 BUSHFIRES: KEYS TO RECOVERY Dr Suzanne McDonald & Nick Mumford, Grampians Wimmera Mallee Water | 168 NAVIGATING POTABLE REUSE CHALLENGES FOR WATER SECURITY: A TALE FROM TWO CALIFORNIA CITIES James Strayer, Black & Veatch | | | | | | | |
| 3:10pm-4:00pm AFTERNOON TEA | | | | | | | | | | | | | | | |

| 4.00pm | STREAM 1 ROOM P8 SUB-THEME 2: EXCELLENCE IN OPERATIONS | STREAM 2 ROOM P7 SUB-THEME 3: ASSET MANAGEMENT, PLANNING AND DELIVERY | STREAM 3 ROOM P5 SUB-THEME 12: RURAL, REMOTE & REGIONAL WATER | STREAM 4 ROOM M2 SUB-THEME 8: ADVANCES IN PEOPLE, CULTURE, DIVERSITY, INCLUSION AND EQUITY | STREAM 5 ROOM P9 SUB-THEME 10: RESPONDING TO CLIMATE CHANGE & EXTREME EVENTS | STREAM 6 ROOM P6 SUB-THEME 3: ASSET MANAGEMENT, PLANNING AND DELIVERY | STREAM 7 ROOM M4 WORKSHOP/PANEL | STREAM 8 ROOM M1 WORKSHOP/PANEL | STREAM 9 ROOM M3 WORKSHOP/PANEL | STREAM 10 ROOM PLAZA TERRACE WORKSHOP/PANEL | ROOM P1&2 WORKSHOP/PANEL  | ROOM P11 WORKSHOP/PANEL | ROOM P3&4 AWA SPECIALIST NETWORK FEATURE | EXHIBITION STAGE |
|----------------------|---|--|--|--|--|---|--|---|--|---|---|--|---|------------------|
| | COLLABORATION FOR DATA DRIVEN OUTCOMES | MONITORING IMPACTS | WATER SECURITY & RESILIENCE | BUILDING INCLUSION | DECISION MAKING IN A CHANGING CLIMATE | PLANNING: DECISION SUPPORT | | | | | | | | |
| 4.05pm | 42 ENHANCED MONITORING OF CRITICAL CONTROL POINTS TO DRIVE IMPROVED PERFORMANCE Ben Currell, Water Corporation | 321 MANAGING EMERGENT ACID SULFATE SOIL RISK IN ENVIRONMENTALLY SENSITIVE WETLAND SYSTEMS Natalie Hackett, Yarra Valley Water | 388 DESIGNING FOR DISTANCE: LESSONS FROM WATER PROJECTS IN QUEENSLAND'S REMOTE INDIGENOUS REGIONS Ariwa Coutinho & Wye Xin Lye, ARUP | 312 BEAGLES, BIOGAS AND BALANCE: WELLBEING AS A DRIVER OF INNOVATION Dr Fabiana Tessele, Tessele Consultants | 183 A WATER RESILIENCE FRAMEWORK FOR SOUTH AUSTRALIA - SUPPORTING DECISION-MAKING UNDER UNCERTAINTY Annie Charlton, SA Water | 480 VEGETATION MAPPING AND CLASSIFICATION WITH GEO INTELLIGENCE Kimberley Worthy, Veris and Tom LeCerf, Melbourne Water | W20 Workshop 10 YEAR WATER INDUSTRY WORKFORCE ROADMAP Facilitator: David Cameron, Buildskills Australia Dr Robert Sobyra, Buildskills Australia | P2 Panel PURIFIED RECYCLED WATER - DO WE NEED TO REINVENT THE WHEEL? ...OUR GLOBAL COLLEAGUES CAN MAKE OUR PATHWAY EASIER Facilitator: Bruce Atkinson, BecaHunter H2O | W15 Workshop THE OLYMPIC OPPORTUNITY? WHAT WATER LEGACY COULD WE DELIVER FOR QUEENSLAND? Facilitator: Seija Wellington, Arup | P44 Panel BRINGING TWO KNOWLEDGE SYSTEMS TOGETHER THROUGH THE EYES OF OUR YOUTH Prof Leslie (Phil) Duncan, University of Canberra Taylor Gavin Christopher Lee Nina Braid, Australian Water Association and Yarra Valley Water | P33 Panel WHAT ABOUT ME? HAS THE WATER SECTOR GOT A HANDLE ON FAIRNESS FOR NOW AND FUTURE GENERATIONS? Speakers to be announced | W11 Workshop WATER RESILIENT AND LIVEABLE COMMUNITIES IN REGIONAL AND REMOTE AUSTRALIA The Water Resilient and Liveable Communities in Regional and Remote Australia Network Facilitator: Dr Paul Satur, The Water Resilient and Liveable Communities in Regional and Remote Australia Network Ernie Rose, Central Land Council Dr Alec Ralston, Goyder Institute for Water Research Catherine Vero, The Remote Water Futures Consortium | P10 Panel "YOU CAN'T ASK THAT (ABOUT DESALINATION)!" Desalination Specialist Network Julien Tauvry, AWA Specialist Network - Desalination Prof Shon Ho Kyong, University and Technology Sydney Suzanne Brown, GHD Peter Jacob, Marsden Jacob Associates Hattie Wang, Impact Filtration | SEE PROGRAM HERE |
| 4.15pm | 53 FROM DATA STEP CHANGE TO CULTURAL TRANSFORMATION: DELIVERING A NEW COMMERCIAL MODEL THROUGH TRUST AND COLLABORATION Kirsty Gray & Ben Travers, Service Stream | 253 MEASUREMENT OF METHANE FLUXES FROM AN OPEN PRIMARY EFFLUENT LAGOON A/Prof. Phil Hayes, The University of Queensland | 548 SECURING LONG-TERM WATER RESILIENCE FOR KANGAROO ISLAND Nicole Argent, John Holland | 242 TOGETHER WE ENGINEER: HOW IPS BUILDS INCLUSIVE TEAMS THAT STRENGTHEN COMMUNITIES AND WATER OUTCOMES Sascha Kurz, IPS (Infrastructure Project Solutions) | 586 ORGANISATIONAL DECISION CAPABILITY: THE KEY TO WATER UTILITY CLIMATE RESILIENCE Mayuran Sivapalan, Adaptus | 160 AUTOMATION OF LIKELIHOOD OF FAILURE USING MACHINE LEARNING Rhys McQueen, City of Gold Coast | | | | | | | | |
| 4.40pm | 376 FROM CRISIS TO CAPABILITY: BUILDING MODELLED BURST DETECTION FOR SEWER NETWORKS Ian Hamilton, City of Gold Coast | 380 REAL WORLD BIOFOUL CONTROL IN MARINE ENVIRONMENTS - AN INNOVATIVE AND SUSTAINABLE APPROACH Brendan Murray, Icom and Murray Jones, Earth Science Labs Global | 241 STRENGTHENING WATER SECURITY IN REMOTE AND REGIONAL QUEENSLAND Toby Chalmers, IPS (Infrastructure Project Solutions) | 97 FROM INSIGHT TO INCLUSION: THE POWER OF BELONGING Emma Guest & Vic Chow, Unifywater | 70 STRATEGIC PLANNING FOR DROUGHTS: RISK ASSESSMENT, MODELLING, COLLABORATIVE PLANNING AND DECISION TRIGGERS Hana Kashkari, Sunwater and Jim Fear, Jacobs | 478 WHERE THE WATER FLOWS: A SPATIAL ASSESSMENT OF RESIDENTIAL WATER DEMANDS WITHIN YARRA VALLEY WATER'S SERVICE REGION Dr Mahinda Jayasooriya & Sandy Hung, Yarra Valley Water and Zachary Desiatov Cheuk, Jacobs | | | | | | | | |
| 5.05pm | 130 WITHOUT DATA IT'S JUST YOUR OPINION: SWIMLOCAL A TOOL FOR ALL! Dr David Scheltinga, The Queensland Water Directorate (qldwater) | 40 REDUCING OVERFLOWS, ENVIRONMENTAL AND CUSTOMER IMPACTS BY DETECTING SEWERAGE PUMP STATION BLOCKAGES Hiral Satasia & Ashlea Burbage, Unifywater | 570 LESSONS ON OVERCOMING WATER CHALLENGES IN THE REMOTE PORT STEWART ABORIGINAL COMMUNITY IN FAR NORTH QUEENSLAND Prof. Mihir Joshi, Engineers Without Borders, Australia, Barry Chisholm, ARUP, Gavin Bassini, Yintjingga Aboriginal Corporation and Karen Liddy, Lama Lama Land Trust; Yintjingga Aboriginal Corporation | 104 ENSURING DISABILITY AND NEURODIVERGENT INCLUSION AT WORK IS EVERYONE'S RESPONSIBILITY Georgina Carter & Tiani Zollo Semmler, SA Water | 286 THE CANADIAN PATH TO NET ZERO - MAKING NITROUS OXIDE AND METHANE SCOPE 1 EMISSIONS MEASUREMENT BUSINESS-AS-USUAL Dr Jeremy Kraemer, GHD | 442 THE ENTERPRISE ADOPTED HYDRAULIC MODELLING DRIVING SMARTER WASTEWATER PLANNING AND ASSET MANAGEMENT Anu Jeevan & Gabrielli Palomares, Aurecon and Sandy Hinxman, Jacobs | | | | | | | | |
| 5.30pm-6.30pm | HAPPY HOUR | | | | | | | | | | | | | |

| AFTERNOON TEA | | | | | | | | | | AFTERNOON TEA | | | | |
|----------------|--|---|---|---|--|--|---|---|--|---|--|--|---|-------------------|
| 3:10pm-4:00pm | STREAM 1 | STREAM 2 | STREAM 3 | STREAM 4 | STREAM 5 | STREAM 6 | STREAM 7 ROOM M1 | STREAM 8 | STREAM 9 | STREAM 10 | EXHIBITION STAGE | | | |
| 4.00pm | ROOM P11 SUB-THEME 3: ASSET MANAGEMENT, PLANNING AND DELIVERY | ROOM P5 SUB-THEME 5: ADVANCES IN PEOPLE, CULTURE, DIVERSITY, INCLUSION AND EQUITY | ROOM P7 CURATED STREAM | ROOM M2 SUB-THEME 11: RESILIENCE & WATER SECURITY | ROOM P9 SUB-THEME 8: SECURING COMMUNITY AND ENVIRONMENTAL HEALTH | ROOM P8 SUB-THEME 3: ASSET MANAGEMENT, PLANNING AND DELIVERY | ROOM M1 Please note: This workshop begins at 3:30pm 320 TRACKING BIOSOLIDS MANAGEMENT: TRENDS AND INSIGHTS FROM FIFTEEN YEARS OF THE ANZBP END USE SURVEY (2010 - 2025) Catherine Vero, Ekistica | ROOM M4 WORKSHOP/PANEL | ROOM P10 WORKSHOP/PANEL | ROOM M3 FEATURED STREAM  | ROOM P6 WORKSHOP/PANEL | ROOM P1&2 WORKSHOP/PANEL | ROOM P3&4 AWA SPECIALIST NETWORK FEATURE | |
| | NETWORK PLANNING Sponsored by:  | DEVELOPING THE WORKFORCE OF TOMORROW | DOING MORE WITH DATA | WATER EFFICIENCY & DEMAND MANAGEMENT | BIODIVERSITY IMPROVEMENTS | KNOWLEDGE MANAGEMENT | | | | | | | | |
| 4.05pm | 365 THE MANHOLE MISSION - A GIS TALE ON INFLOW/FILTRATION (IFI) STRATEGY TO PROTECT WASTEWATER NETWORK Mahmud Khan & Tim Bell, Wingecarribee Shire Council | 201 BUILDING FUTURES: INSPIRING THE NEXT GENERATION THROUGH STEM Ellen McInerney & Jessica Oxley, McConnell Dowell SRG Global Joint Venture | 120 DATA-DRIVEN SLUDGE DEWATERING: INTELLIGENT OPTIMIZATION FOR SUSTAINABLE WASTEWATER MANAGEMENT Dinesh Gehani, GEA Westalia Separator Group GmbH | 516 GOVERNMENT CHAMPIONS - HELPING AGENCIES TO RAPIDLY SCALE UP WATER EFFICIENCY IN DARWIN Abbe Darrow, Department of Lands, Planning and Environment, Northern Territory Government and Adam Jones, BMT | 192 VAUCLUSE DIAMOND BAY - DIVERTING UNTREATED WASTEWATER FROM THE OCEAN TO THE BONDJI WATER RESOURCE RECOVERY FACILITY Nick Taylor & Sam Walsh, WSP | 481 CROSS-UNIT COLLABORATION: MITIGATING RISKS OF EXTENDED SHUTDOWNS DURING THE WARDI WATER TREATMENT PLANT UPGRADE Amanda Cashion & Stephen Legge, Central Coast Council | P17 Panel BIOSOLIDS VALUE CHAIN - CONNECTING TREATMENT INNOVATION TO END USERS FOR A SUSTAINABLE FUTURE Australia New Zealand Biosolids Partnership Facilitators: Hilary Hall, RMCQ Beatrice Yong, Water Corporation Dr Glenn Dale, Verterra Ecological Engineering Darren Schick, D & V Schick Dr Louise Reeve, Queensland Water Directorate | W19 Workshop FOSTERING COURAGEOUS LEADERSHIP FOR OUR WATER, OUR TOMORROW Rosie Wheen, The Peter Cullen Water and Environment Trust Prof Annalisa Contos, Atom Consulting Benny Callaghan, Systems Collaboration Partners Matthew Fullerton, Peter Cullen Trust | W30 Workshop REGULATORY INNOVATION: ENOUGH TALK, TIME FOR ACTION! WHAT AN IMPROVED ECONOMIC REGULATORY FRAMEWORK COULD LOOK LIKE FOR URBAN WATER, AND HOW WE CAN LEARN FROM OTHER SECTORS Sally Armstrong, TasWater Joanne Chong, Productivity Commission Hayden Moore, TasWater | WATER SERVICES ASSOCIATION OF AUSTRALIA STREAM | P18 Panel PATHWAYS TO NET ZERO: INNOVATIONS AND INSIGHTS FROM INDUSTRY LEADERS Facilitator Lewis Barlow, WSP UK Sarah Hughes, WSP Katie Wood, Origin Energy Garand Brierley, Logan Water Andrew Wilkins, SA Water | P32 Panel HYBRID NATURE-BASED SOLUTIONS SUPPORTING WATER REUSE IN RURAL AND PERI-URBAN AREAS International Water Association Australia Facilitators Anne Roiko, Griffith University Tony Wong, Monash University Soner Bejir, Algaesys Australia Tom Muller, WaterAid Australia | P6 Panel TRAFFIC MANAGEMENT SAFETY Operations Specialist Network Mark Jones, Australian Water Association Thomas Hutton, Futon Hogan Patsy Thomas, Austroads Zeen Booth, Swift Traffic Management | SEE PROGRAM HERE. |
| 4.15pm | 265 INTEGRATED ASSET MANAGEMENT, PLANNING AND DELIVERY FOR THE EROS FLAP VALVE REPLACEMENT PROGRAM Clara Kim, Urban Utilities and Pratih Aryal, Futon Hogan Utilities | 489 STRENGTHENING INCLUSIVE LEADERSHIP IN THE PACIFIC: A CASE STUDY OF SOLOMON WATER WOMEN AND THE PATHWAYS LEADERSHIP PROGRAM Bronwyn Powell, International WaterCentre Griffith University | 215 IMPROVE YOUR SITUATION WITH UTILITY FOCUSED AI SOLUTIONS Michael Sing, UNGANCO | 270 INTEGRATING BEHAVIOURAL DYNAMICS INTO URBAN WATER DEMAND FORECASTING - AN AGENT-BASED APPROACH FOR CLIMATE IMPACT ASSESSMENT Phillip Chan, Seqwater | 51 FROM WASTE TO WILDFLOWERS - PARTNERING TO SAFEGUARD THE FUTURE OF OUR INDIGENOUS SEEDBANK Kirsten Hogan, Goulburn Valley Water | 465 PUSHING BOUNDARIES IN DATA MANAGEMENT AND OPERATIONAL CAPACITY FROM LARGE-SCALE DEVELOPMENT OF FLOOD INFORMATION Alexandra Nero & Ella Guthrie, Alluvium Consulting | Jackie McKeay, Queensland Department of Environment, Tourism, Science and Innovation Kalpit Shah, The Australian Centre for Water and Environmental Biotechnology, The University of Queensland Sorjja Toft, Urban Utilities | | | | | | | |
| 4.40pm | 429 COLLABORATIVE FIRE FLOW IMPROVEMENTS: HUNTER WATER'S RISK-BASED APPROACH TO LEGACY URBAN AREAS Jena Cahill, Beca Hunter H2O and Ganesh Sharma, Hunter Water | 31 WHAT DOES A CLIMATE RESILIENT WORKFORCE LOOK LIKE? A/Prof. Magnus Moglia, La Trobe University and Dr Lisa Ehrenfried, Yarra Valley Water | 387 AI-DRIVEN VISUAL ASSESSMENT OF SEWER PIPELINES Minh Tran, SA Water | 460 MAPPING STREAMFLOWS WITH EMERGING TECHNOLOGY IN WARRILL CREEK Nick Purdam & James Shingles, SMEC | 358 CHASING NET ZERO AND BIODIVERSITY IMPROVEMENTS VIA AN ENVIRONMENTAL PLANTING ROADMAP Paola Martinez Giraldo, Hunter Water and Sarah Costello, Aurecon Group | 458 ASSET MAINTENANCE STRATEGY IN THE WATER INDUSTRY: A JOURNEY TO 'BEST PRACTICE' Dr Sinem Celik & Ahmad Siddiqui, Programmed Facility Management | | | | | | | | |
| 5.05pm | 595 REDEFINING MODERN PIPE DESIGN WITH FINITE ELEMENT ANALYSIS Will Zillmann & Dr Weigang Wang, Interflow | 240 EMPOWERING PEOPLE, ENABLING CHANGE: BUILDING AN INNOVATIVE CULTURE THROUGH THE SYDNEY WATER DESIGN INCUBATOR Dr Tahira Noeiaghah & Leigh Staas, Sydney Water | 71 FROM MANUAL READS TO SMART INSIGHTS: IOT-BASED MONITORING OF INDUSTRIAL WASTEWATER DISCHARGES Bec Hulands & Rasha Watson, Sydney Water | 603 THE NR WEB: A NATIONAL WATER EFFICIENCY BENCHMARKING TOOL FOR THE NON-RESIDENTIAL SECTOR Dr Andrea Turner, Institute for Sustainable Futures, University of Technology Sydney | 436 NATURAL CAPITAL ACCOUNTING FOR WATER UTILITIES: A CASE STUDY FROM AFFINITY WATER'S RIVER BEANE CATCHMENT Monica Barker & Dr Michael Image, AtkinsRéalis | 173 IMPLEMENTING ASSET MANAGEMENT EXCELLENCE IN THE WATER INDUSTRY Zachary Foy & Joseph Otter, Urban Utilities | | | | | | | | |
| 5.30pm | CONCLUDES | | | | | | | | | | | | | |
| 6.30pm-11.00pm | AUSTRALIAN WATER AWARDS GALA DINNER (TICKET REQUIRED) | | | | | | | | | | | | | |

ADDITIONAL TECHNICAL POSTERS ON DISPLAY

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| 14 SOCL - MEASURING MATURITY AND DEVELOPING A SECURITY CULTURE Mark McConnon & Brian McIver, TasWater | 15 BUILDING RESILIENT WASH SYSTEMS IN DISASTER-PRONE COMMUNITIES: LESSONS FROM RURAL ETHIOPIA Temesgen Maru Simie, People in Need | 73 THE IT/OT CYBER SECURITY MYTH: WHY OPERATIONAL TECHNOLOGY DEMANDS A DIFFERENT PHILOSOPHY Jeremy Hulce & Christopher Whiteside, SAGE Group | 76 WATER EFFICIENCY AND CO-BENEFITS OF RESIDENTIAL EVAPORATIVE AIR CONDITIONER TUNE-UPS IN REGIONAL NSW Dr Yohan Kim, Institute for Sustainable Futures, University of Technology Sydney | 81 CLIMATE CHANGE AND WATER QUALITY Dr Jacqui Levy, Sydney Water | 166 REIMAGINING GROWTH: PLANNING ADAPTIVELY FOR A RESILIENT FUTURE Dr Bronwen Butler, Urban Utilities | 208 A NATIONAL REVIEW OF HYDROGEN SULPHIDE EXPOSURE, LIMITS AND CONTROLS IN THE WATER INDUSTRY Dominic Gibbs, Stantec | 322 ONTOLOGY SOLUTION FOR WATER UTILITIES. ACHIEVING A SINGLE VIEW OF THE ORGANISATION David Hughes-Owen, Busselton Water |
| 410 DEVELOPMENT OF AN INNOVATIVE DRINKING WATER TREATMENT AGENT Dr Sahar Daer, The University of Queensland | 399 CREATING THRIVING COMMUNITIES: GREATER WESTERN WATER'S DRIVE TO EMPOWER COMMUNITY LIVEABILITY, RESILIENCE AND WELLBEING. Katrina Sharpe, Greater Western Water | 443 STRENGTHENING WATER INNOVATION THROUGH TRI-SECTOR PARTNERSHIPS Matthew Knight, KBR | 456 CIRCULAR MEMBRANES: DEMONSTRATING END OF LIFE RECYCLING OF PVDF MEMBRANES Dr Geoffrey Johnston-Hall, DuPont Water Solutions | 531 WALKING TOGETHER AT THE PACE OF TRUST: CO-DEVELOPMENT AND CO-ENDORSEMENT OF A RECONCILIATION ACTION PLAN WITH THE LOCAL INDIGENOUS COMMUNITY Nupur Khanna, Icon Water | 600 'LIFE SAVERS': OPERATIONALISING CRITICAL CONTROLS THROUGH MEMORABLE SAFETY MESSAGING Stephanie Treharne, Unitywater | 609 UNDERSTANDING DRIVERS OF EBULLITIVE METHANE EMISSIONS FROM RESERVOIRS WITH AN AUTOMATED REAL-TIME METHANE MONITORING SYSTEM Brendon Duncan, The University of Queensland | 618 DESIGNING A GIS SUPPORT MODEL FOR MULTIPLE WATER INFRASTRUCTURE Blair Cheyne, Sunwater |



Best Paper Finalist

Program correct at 15/04/2026 - subject to change