

WATER NEW ZEALAND CONFERENCE & EXPO 2021 - PART 2, MAY 25-26 CLAUDELANDS, HAMILTON

PRELIMINARY PROGRAMME

*Subject to change

WEDNESDAY 25 MAY 2022

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| 7.45 | Registration Opens Day 1 | | | | |
| 8.30 | Pre-Conference Workshop: Taumata Arowai / Department of Internal Affairs – Sector Transitions [PLENARY] | | | | |
| 9.00 – 11.00 | Exhibitor Visitor Morning | | | | |
| 11.30 | Lunch Break | | | | |
| 12.30 | Conference Opening and Welcome from the Water New Zealand President [PLENARY] | | | | |
| 1.00 | Opening Guest Speaker: Hon Nanaia Mahuta, Minister of Local Government [PLENARY] | | | | |
| 1.30 | Keynote: Donna Flavell, Waikato Tainui – A Waikato-Tainui Perspective [PLENARY] | | | | |
| 2.00-2.15 | Room Change Over | | | | |
| | Thought Leadership [HEAPHY 1] | Thought Leadership: Te Ao Maori [HEAPHY 2] | Procurement & Project Delivery [HEAPHY 3] | Sustainability [BROOKLYN 1 & 2] | Workshop [ARENA LOUNGE] |
| 2.15 | ECONOMIC REGULATION PANEL Kevin Counsell – NERA, Richard Fletcher – Aurora & Michael Arthur – Metis Consultants | ENABLING MANA WHENUA INVOLVEMENT Richard Waiwai – Watercare Services Limited | CITY RAIL LINK STORMWATER DROP STRUCTURES Renier Els & Warren Bird – Link Alliance | WHAT ABOUT A ZERO ENVIRONMENTAL FOOTPRINT WASTEWATER TREATMENT PLANT Becky Macdonald & Grace Stumbles – Jacobs | |
| 2.45 | | INDIGENOUS WATER REFLECTIONS FROM COP26 Tui Shortland – Awatea Organics | IT IS WATER CONSERVATION OR UNIVERSAL WATER METERING – APPLYING THE KÜBLER ROSS CHANGE CURVE David Taylor & Maria Buzzella – New Plymouth District Council | HOW TO REDUCE POTABLE WATER DEMAND FOR A SPORTS PARK BY 100% Elizabeth Garner - Jacobs | |
| 3.15 | THREE WATERS SERVICE DELIVERY REFORM Brian Hanna - Department of Internal Affairs | WAIRUA O AOTEAROA (WOA) PATH - SPIRITUAL AWAKENING FOR CLIMATE CHANGE Hirini Reedy | SNELLS BEACH WWTP: COLLABORATIVE WORKING FOR COST AND CARBON SAVINGS Pat Corris – Mott Macdonald | FROM CONCEPT TO REALITY: CENTRAL INTERCEPTORS INFRASTRUCTURE SUSTAINABILITY JOURNEY Olivia Philpott – Watercare Services | |
| 3.45 | Afternoon Tea | | | | |
| | Thought Leadership [HEAPHY 1] | Thought Leadership: Climate Change [HEAPHY 2] | Asset Management [HEAPHY 3] | Pipelines – New & Renew [BROOKLYN 1 & 2] | Workshop [ARENA LOUNGE] |
| 4.15 | NEW ZEALAND'S CARBON BUDGETS Jo Hendy - Climate Change Commission | INSURING RESILIENT AND SUSTAINABLE COMMUNITIES INTO THE FUTURE Wendy Saunders – EQC | OUR HIGHLY CRITICAL ASSETS – WHAT IS UNDER THE BONNET? Robert Blakemore & John Scott – Wellington Water | SUPPLY PIPE FAILURE CORRELATION WITH PRESSURE AND GROUND MOVEMENT Kobus Van Zyl – University of Auckland | |
| 4.45 | ONE WATER, TOO MANY CHALLENGES: PRIORITISING INVESTMENT WHEN THERE IS TOO MUCH TO DO Fraser Clark – Wellington Water | NET ZERO 2030 ROUTEMAP Maria Manidaki – Mott Macdonald | DYNAMIC ADAPTIVE PATHWAY PLANNING – ADDING FLEXIBILITY IN AN UNCERTAIN FUTURE Ian Ho – GHD & Apra Boyle-Gotla – Watercare Services Ltd | | |
| | | | Workforce Development Capability & Training [HEAPHY 3] | | |
| 5.15 | RESHAPING WATER BUSINESSES AROUND THE CIRCULAR ECONOMY/SUSTAINABLE DEVELOPMENT GOALS Danielle Francis – WSAA | IWA AGM | FUTURE PROOFING NEW ZEALAND - A GUIDE TO KNOWLEDGE SHARING Benjamin Bowden – Far North District Council & Garrett Hall – Beca | PUMP EFFICIENCY MONITORING - GIVING UP THE CARBS James Curtis – Cardno & Paul Winstanley – Wellington Water | |
| 5:45 | InterGroup Welcome Function | | | | |

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| 7.30 | Registration Opens Day 2 | | | | |
| 7.30-8.30 | Aurecon Young Water Professionals Breakfast [PLENARY] | | | | |
| 8.30 | Guest Speaker: Dr Siouxsie Wiles [PLENARY] | | | | |
| 9.00 | Keynote: Bill Bayfield - Chief Executive - Taumata Arowai [PLENARY] | | | | |
| 9.30 | Morning Tea | | | | |
| | Thought Leadership [HEAPHY 1] | Thought Leadership: Community & the Customer [HEAPHY 2] | Three Waters Reform [HEAPHY 3] | Climate Change – Adaption & Mitigation [BROOKLYN 1 & 2] | Workshop [ARENA LOUNGE] |
| 10.00 | INFRASTRUCTURE COMMISSION: OUR STRATEGY Ross Copland - InfraCom | ENGAGING WITH ACTIVISTS Eugene Doyle – Owhiro Bay Conservation Group | WASTEWATER DISPOSAL AND THE NPS-FM 2020: WHAT DOES THE FUTURE LOOK LIKE?? Oliver Hunt – Pattle Delamore Partners | MEASURING YOUR EMISSIONS ON A PATHWAY TO NET ZERO Glenn Conley & Chris Thurston – Watercare Services Ltd | YWP Workshop |
| 10.30 | UTILITY OF THE FUTURE David Ehrhardt, Andreas Heuser & Shannon Riley – Castalia Advisors | GIVING CUSTOMERS A VOICE IN SHAPING THE FUTURE Amanda Singleton – Watercare Services Ltd | LESSONS ON GREEN INFRASTRUCTURE MANAGEMENT AND THEIR APPLICATION TO THREE WATERS REFORM Francis Leniston – Wellington Water | TARAWA WATER SUPPLY SOLAR DISTILLATION PROJECT – COMMUNITY WATER SECURITY India Eiloart – Engineers Without Borders New Zealand | |
| 11.00 | RMA REFORM IMPLICATIONS FOR 3 WATERS Simon Pilkinton – Russell McVeagh | EXTERNAL DISPUTE RESOLUTION IN THE WATER SECTOR (INCORPORATING TIKANGA) - WHY DO WE NEED IT? Mary Olliver – Komihana: Commissioner Utilities Disputes: Tautohetohe Whapainga | SERVICE DELIVERY TRANSFORMATION Mark Dougall - Spicae | DRINKING WATER TREATMENT IN A CLIMATE OF CHANGE Sally Williamson – Aurecon | |
| 11.30 | Lunch Break + Poster Session | | | | |
| | Thought Leadership [HEAPHY 1] | Drinking Water & Source Quality [HEAPHY 2] | Wastewater Treatment [HEAPHY 3] | Wastewater Operations [BROOKLYN 1 & 2] | Workshop [ARENA LOUNGE] |
| 12.30 | TAUMATA AROWAI WATER SERVICES REGULATOR – OUR REGULATORY APPROACH Ray McMillan, Katy Te Amo & Jim Graham – Taumata Arowai | SMALL AND RURAL WATER SUPPLIES RISK AND OPTIONS ASSESSMENT Rachael Casey – Rata & Shaun Hodson –AMBI | THE HUMBLE WETLAND – A CARBON SUPERHERO? Kate Simmonds & Lucy Ferris – Jacobs | STABILITY AND SUSTAINABILITY: OPTIONS ASSESSMENT FOR WELLINGTON’S SLUDGE MINIMISATION FACILITY Steve Hutchison – Wellington Water & Sarah Burgess – Beca | Climate Change Workshop |
| 1.00 | | WHAT IF ALLOWABLE DRINKING-WATER NITRATE LIMITS ARE REDUCED TO ADDRESS POSSIBLE CHRONIC HEALTH EFFECTS? Bridget O’Brien – WSP & Timothy Chambers – University of Otago | SUPERCritical UV: A NEW DISINFECTION TECHNOLOGY FOR HARD TO TREAT LIQUIDS Matthew Sells – Novolabs (A Massey Ventures Company) | EARLY-WARNING NETWORKS FOR RAINWATER- DEPENDENT COMMUNITIES Zach Preston – Engineers Without Borders New Zealand | |
| 1.30 | INSPIRING A WATER SECTOR FUTURE Roxan Mathys & Dina Demiri – Tertiary Education Commission | FROM CATCHMENT TO CONSUMER - A WATER SAFETY JOURNEY Jessica Hamilton & Marcia Jones – Jacobs | OPTIMISATION OF WASTEWATER IRRIGATION Neeraj Pratap – Pattle Delamore Partners | EMERGING CONTAMINANTS – CURRENT STATUS IN NEW ZEALAND Becky Macdonald – Jacobs | |
| 2.00 | BRIDGING THE SKILLS GAP: TRAINING TOMORROW’S WORKFORCE TODAY Clare Feeney – Environmental Communications Ltd | THE SOLUTIONS TO THE HAVELOCK NORTH WATER CONTAMINATION EVENT Richard Parkinson - Stantec | CONTAINERISED WASTEWATER TREATMENT PLANTS HELP KEEP AUCKLAND'S GROWTH SUSTAINABLE Thomas Board & Matt Savage – Apex Environmental | MICROBIAL SOURCE IDENTIFICATION AND APPORTIONMENT FOR POLLUTION REDUCTION Jonathan Banks – Cawthron Institute | |
| 2.30 | Afternoon Tea | | | | |

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| 3.00 | Keynote: Jon Lamonte, Chief Executive – Watercare Services Ltd [PLENARY] |
| 3.30 | Panel Session: Hamiora Bowkett, Heather Shotter & Maria Nepia – Department of Internal Affairs [PLENARY] |
| 4.00 | Conference Close |
| 6.30 – 7.00 | Water New Zealand “Our Shout” Pre Dinner Drinks |
| 7.00 – 11.00 | Downer Gala Dinner |