

Preliminary Programme

| Monday 11 May 2026 | | | |
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| Preconference Workshops | | | |
| 10:30 | 12:00 | SHAPING STORMWATER SOLUTIONS: YOUR VIEW ON THE WATER SERVICE AUTHORITY'S STORMWATER OVERSITE ROLE | Stephanie Dijkstra |
| 13:00 | 14:30 | STORMWATER NETWORK RISK MANAGEMENT PLANS: LEGISLATIVE REQUIREMENTS AND PRACTICAL METHODOLOGIES | Andrew Chin, Craig McIlroy and Janet Kidd – Auckland Council |
| 15:30 | 17:00 | LIVING WITH WATER: MANAGING BAKED-IN FLOOD RISK IN ESTABLISHED SETTLEMENTS | |

Tuesday 12 May 2026

| 9:00 | | 9:30 | | WELCOME AND CONFERENCE OPENING | | | | | | | |
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| 9:30 | | 10:00 | | KEYNOTE SPEAKER | | | | | | | |
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| 10:30 | | 11:00 | | MORNING TEA – EXHIBITION | | | | | | | |
| AM STREAMS | | Stream A - Iwi Lead / Partnership Projects | | Stream B - Catchment Scale Nature Based Modelling | | Stream C - Water Quality Science and Emerging Contaminants | | Stream D - Measuring Benefits and Funding | | Stream E - Climate Change and Rainfall | |
| 11:00 | 11:30 | TE WHAKAORA O ŌKAHUMATAMOMOE Troy Brockbank, Beca Ltd | | BEYOND FLOOD PEAKS: EVALUATING NATURE BASED SOLUTIONS USING FLOOD MODELLING AND STAKEHOLDER VALUATION Mark Hooker, Tonkin + Taylor Ltd | | DEVELOPMENT OF BIOCHAR-BASED GREENER FUNCTIONAL MATERIAL FOR REMEDIATION OF TIRE-WEAR CONTAMINANTS FROM STORMWATER Jayani Chathurika Ranasinghe Ranasinghe Arachchige, University of Auckland | | IT PAYS TO B-WISE: MEASURING WHAT REALLY MATTERS IN URBAN STORMWATER DESIGN Sue Ira, Koru Environmental | | Detention Sensitivity to Climate Change Matthew Murdock, WSP New Zealand Ltd | |
| 11:30 | 12:00 | AWA FIRST, ALWAYS: TE AKA RAATAA Jennice Stringer, Auckland Council | | A BILLION-CELL CONCEPT: HIGH-RESOLUTION SPATIAL ANALYSIS FOR THE TAUMĀRERE CATCHMENT Jonathan Cousins, Vision Consulting Engineers | | ECOLOGICAL RISK OF CYCLONE SILTS IN AN INDUSTRIAL CATCHMENT Hannah Ludlow, Pattle Delamore Partners Ltd | | MAKING THE INVISIBLE, VISIBLE: THE REAL VALUE OF NATURE BASED SOLUTIONS Justine Bennett, GHD Ltd | | THE OPPORTUNITIES THAT GO BEYOND TRADITIONAL DESIGN FOR CONSTRUCTED WETLANDS Joe La Spina, WGA Engineers | |
| 12:00 | 12:30 | TE WHAKAORA O TANGAROA - LETTING THE AWA SPEAK Emma Content, Beca Ltd | | NATURE-BASED SOLUTIONS FOR FLOOD MITIGATION – LESSONS LEARNT FROM 21 NZ FEASIBILITY PILOT STUDIES Annika Min, WSP New Zealand Ltd | | TYRE WEAR POLLUTION IN NEW ZEALAND ESTUARIES Cathy Bebelman, Auckland Transport | | OFF BALANCE SHEET FINANCING FOR STORMWATER INFRASTRUCTURE USING THE INFRASTRUCTURE FUNDING AND FINANCING ACT James Muir, Awa Environmental | | REVISITING CLIMATOLOGICAL VARIABILITY AND LIMITATIONS OF FORECASTING EXTREME RAINFALL STATISTICS Nick Brown, Auckland Council | |

| 12:30 | 13:30 | LUNCH – EXHIBITION | | | | |
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| 12:30 | 13:30 | POSTER SESSIONS WITH Q&A – EXHIBITION | | | | |
| | | PROTECTING FLOW PATHS IN PERI URBAN GROWTH AREAS: LESSONS FROM DRURY Tamzin Aldrin - Pattle Delamore Partners | GET TO KNOW YOUR AWA – OAKLEY CREEK TE AUAUNGA Charlotte Arcus - Tonkin + Taylor | ARE CATCHMENT-SCALE NATURE-BASED SOLUTIONS A MORE COST-EFFECTIVE ALTERNATIVE TO TRADITIONAL STORMWATER INFRASTRUCTURE UPGRADES? Damian Chong - Pattle Delamore Partners Ltd | TREEBATES – WORKING WITH NATURE AND COMMUNITIES FOR STORMWATER RESILIENCE Lucy Douglas - Pattle Delamore Partners (pdp) | Nature Based Solutions for Flood Alleviation - Large Catchment Screening Tool Isabelle Farley - WSP |
| 13:30 | 14:30 | KEYNOTE SPEAKER | Panel - Future of SW Governance | | | |
| PM STREAMS | | Stream F - NBS and Water Treatment | Stream G - Overland Flowpaths | Stream H - Climate Change and Rainfall | Stream I - Water Quality Modelling and Monitoring | Workshop |
| 14:30 | 15:00 | IS THE PLANNING FRAMEWORK INHIBITING NATURE BASED APPROACHES TO STORMWATER MANAGEMENT AND FISH PASSAGE? Jason Smith, Morphum Environmental | FROM PROACTIVE PRACTICE TO STATUTORY EXPECTATION: SCALING OVERLAND FLOW PATH SITE MANAGEMENT IN AUCKLAND Dean Yee, Auckland Council | Stormwater design in a non-stationary climate: how Councils are selecting appropriate climate change scenarios Fiona Macdonald, Auckland Council | CONTINUOUS WATER QUALITY MONITORING AND AUTOMATED ECOLOGICAL RISK SCORING FOR WASTEWATER OVERFLOW MANAGEMENT Ebrahim Hussain, Aquawatch Solutions | WORKSHOP: National Consistency for Flood Defences – What’s the Stormwater Stake? |
| 15:00 | 15:30 | AT’S HĪKINA TE WERO ENVIRONMENTAL ACTION PLAN: MANAGING OUR DISCHARGES IN A GROWING URBAN ENVIRONMENT Abby Sharma, Auckland Transport | OVERLAND FLOW PATHS DONE WELL: NEW LEGISLATIVE REQUIREMENTS AND PRACTICAL APPLICATIONS Anjana Krishnan, Metis Consultants Ltd | POSSIBLE MAXIMUM PRECIPITATION (PMP FOR STORMWATER INFRASTRUCTURE Oscar Barrett-garnier, Riley Consultants Ltd | OPERATIONALISING COMPLEX STORMWATER QUALITY MODELS: FROM REGIONAL SIMULATION TO MANAGEMENT DECISION SUPPORT Alfred Theodore Kpodonu, Auckland Council | |
| 15:30 | 16:00 | AFTERNOON TEA - EXHIBITION | | | | |
| PM STREAMS | | Stream J - Flood forecasting and insights | Stream K - Water Quality in our Receiving Environments | Stream L - Flood recovery projects and programmes | Stream N - Geomorphology | Stream M - Mataranga Maori and Co-design Workshop |
| 16:00 | 16:30 | DEVELOPMENT AND IMPLEMENTATION OF AN INTEGRATED FLASH-FLOOD WARNING SYSTEM SERVICE Nicolae-Cristian Popescu, Transilvania University of Braşov | CREST: VISUALISING COMPLEX ESTUARINE HYDRODYNAMIC MODEL RESULTS Thanh Dang, Auckland Council | FROM EMERGENCY TO LEGACY: DELIVERING THE MĀNGERE HARANIA BLUE-GREEN NETWORK AT PACE Lisa Dowson, Tonkin + Taylor Ltd | MANAGING STREAMS IN MOTION: INTEGRATING ENGINEERING WITH GEOMORPHOLOGY TO BETTER MANAGE URBAN STREAMS Shakti Singh, Independent | INDIGENOUS PERSPECTIVES ON STORMWATER DISCHARGES Troy Brockbank, Beca Ltd |

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| 16:30 | 17:00 | <p>HYBRID RAIN ON GRID-MACHINE LEARNING MODELLING FOR RAPID FLOOD SCENARIO ASSESSMENT IN THE WAIREWA CATCHMENT</p> <p>Andrea Pozo Estivariz, Awa Environmental</p> | <p>TYRE WEAR POLLUTION IN NEW ZEALAND ESTUARIES</p> <p>Cathy Bebelman, Auckland Transport</p> | <p>CYCLONE GABRIELLE: A STRATEGIC APPROACH TO FLOOD RECOVERY & LONG TERM COMMUNITY RESILIENCE</p> <p>Fraser Mackenzie, Beca Ltd</p> | <p>QUANTIFYING BANK EROSION IN THE AUCKLAND REGION: DETERMINISTIC ANALYSIS AT THE CATCHMENT SCALE</p> <p>Danny Klimetz, Auckland Council</p> | <p>WORKSHOP: Designing with Nature: Regenerative and Mātauranga Māori Approaches for Resilient Stormwater and Community Outcome</p> | |
| 17:00 | 17:30 | <p>FROM PILOT TO PROJECT – VIRTUAL EYES, AI-ENABLED MONITORING FOR RESILIENT URBAN FLOOD MANAGEMENT</p> <p>Kris Fordham, Auckland Council</p> | <p>WELLINGTON RECREATIONAL WATER QUALITY PROGRAMME: MODEL REVIEW</p> <p>Jane Alexander, Stantec</p> | <p>BLUE-GREEN PROJECT GENERATION PROGRAMME – FLOODED WITH PROJECT OPPORTUNITIES</p> <p>Rowan Carter, Auckland Council</p> | <p>CONSIDERATION OF GEOMORPHOLOGY AND “ROOM FOR THE RIVER” CONCEPTS IN ADAPTIVE URBAN STREAM MANAGEMENT</p> <p>Jack Clothier, Hydrobiology</p> | | |
| 17:30 | 18:30 | WELCOME FUNCTION - EXHIBITION | | | | | |

Wednesday 13 May 2026

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| 9:00 | 9:30 | KEYNOTE SPEAKER | Richard Hills - Auckland Councillor, North Shore | | | |
| 9:30 | 10:00 | KEYNOTE SPEAKER | Linda Clarke | | | |
| 10:00 | 10:30 | MORNING TEA - EXHIBITION | | | | |
| AM STREAMS | | Stream O - People and flood hazard | Stream P - Hydrology and Infiltration | Stream Q - International Lessons | Stream R - Community and Water Quality | Stream S - Modelling and Floodplains |
| 10:30 | 11:00 | <p>BEYOND THE FLOOD: WORKING THROUGH PROPERTY CATEGORISATION DISPUTES! LESSONS FROM AUCKLAND'S FLOOD RECOVERY</p> <p>Liam Foster, WSP New Zealand Ltd</p> | <p>EVENT-BASED EVALUATION OF LIVING ROOF RUNOFF RESPONSE USING MOISTURE-CONDITIONED CURVE NUMBERS</p> <p>Aung Naing Soe, University of Auckland</p> | <p>GREENING THE FUTURE – INSIGHTS FROM THE WORLD GREEN INFRASTRUCTURE CONGRESS</p> <p>Hannah Breeds, Stantec</p> | <p>EDNABLING CATCHMENT CARE GROUPS</p> <p>Emma Willmore, Pattle Delamore Partners Ltd</p> | <p>FROM FLOOD HAZARD MAPPING TO RISK-BASED PLANNING: AUCKLAND'S MODELLING-LED APPROACH TO BUILDING RESILIENT COMMUNITIES</p> <p>Hansol Lee, Auckland Council</p> |
| 11:00 | 11:30 | <p>MORAL INJURY: PROFESSIONAL PAIN IN THE ENVIRONMENTAL SECTOR – ROOT CAUSES AND WHAT NOW?</p> <p>Clare Feeney, Seti.Earth</p> | <p>A NATIONAL APPROACH TO RURAL FLOW ESTIMATION</p> <p>Mark Groves, WSP New Zealand Ltd</p> | <p>WHAT CAN AOTEAROA LEARN FROM GREAT BRITAIN'S REVIEW OF THE WATER INDUSTRY?</p> <p>Pete Brooks, Aurecon</p> | <p>BUILDING BACK BETTER: COMBINING CAPACITY BUILDING WITH ENGINEERING TO IMPROVE URBAN WATERWAY RESILIENCE</p> <p>Riley De Jong, Bligh Tanner</p> | <p>EXPANDING THE SCOPE AND SCALE OF FLOOD RISK MANAGEMENT IN NEW ZEALAND</p> <p>Lilly Manske, Awa Environmental</p> |

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| 11:30 | 12:00 | REACTIVE TO PROACTIVE – LESSONS FROM THREE YEARS OF COMMUNITY FLOOD RESILIENCE Nancy Baines, Auckland Council | STORMWATER SOAKAGE TESTING AND DESIGN IN NEW ZEALAND: AN INCONSISTENT PRACTICE & A PROPOSED IMPROVEMENT Morris Kleinjan, Riley Consultants Ltd | PREPARING FOR A FUTURE WITH INTENSE RAINFALL EVENTS: TEN GLOBAL PRINCIPLES FOR MANAGING EXTREME EVENTS Josh Irvine, WSP New Zealand Ltd | AWHI AWA EMBRACE A STREAM - RESTORING URBAN WATERWAYS FOR ENDANGERED SPECIES Natalie Jessup, Endangered Species Foundation | BUILDING COMMUNITY RESILIENCE THROUGH TRANSPARENT FLOOD MAPPING AND MODEL UPDATES: TAURANGA CITY'S ROLLING PROGRAMME Tracey Myers, Tauranga City Council | |
| 12:00 | 13:00 | LUNCH – EXHIBITION | | | | | |
| | | POSTER SESSIONS WITH Q&A – EXHIBITION | | | | | |
| 12:00 | 13:00 | SPONGE CITIES IN NEW ZEALAND – A SUSTAINABLE APPROACH TO URBAN STORMWATER MANAGEMENT Umar Farooq - Massey University | COMMUNITY EMPOWERMENT IN FLOOD MONITORING DATA SYSTEMS AND RISK COMMUNICATIONS Kaya van Deventer-Hollands - Auckland Council | 3D FLOOD VISUALISATION FOR ENHANCED RISK COMMUNICATION: OAKLEY CREEK CASE STUDY Sheida Kaleshani - Massey University | A PRACTICAL PASSIVE SAMPLER FOR EARLY-EVENT URBAN STORMWATER MONITORING Luc Le Roux - Earth Measure | RAPIDLY INCREASING MAINTENANCE TO MAKE SPACE FOR WATER Eshani Mahawedage - Auckland Council | |
| 13:00 | 13:30 | Innovation Showcase (Part 1) | | | | | |
| 13:30 | 14:00 | Innovation Showcase (Part 2) | | | | | |
| PM STREAMS | | Stream T - Industrial Runoff | Stream U - Flood Hazard | Stream V - Stream Revitalisation | Stream W - Kaitiakitanga and Iwi Partnerships | Workshop | |
| 14:00 | 14:30 | REIMAGINING STORMWATER DISCHARGE FROM AUCKLAND'S WASTE TRANSFER STATIONS Linda Norman, ACH Consulting Ltd | THE ORIGIN AND USE OF THE "100- YEAR FLOOD PROTECTION STANDARD" IN NEW ZEALAND Gavin Palmer, Corsair Consulting | REVITALISATION OF HAKANOVA STREAM - FROM DERELICT TO DELIGHTFUL Anirudh Karunakaran, Babbage Consultants Limited | MANA WHENUA PARTNERSHIP IN STORMWATER MANAGEMENT – CULTURAL APPROACH TO KAITIAKI WAI IN TAAMAKI MAKAURAU Dean Yee, Auckland Council | WORKSHOP: Too Much Water, Too Much Data: A Person- Based Look at Flood Data use | |
| 14:30 | 15:00 | WHO'D BE AN ITA SPECIALIST? NAVIGATING A LACK OF STANDARDS' Martin Meyer, Auckland Council | WE BUILD SYSTEMS OUT OF BOXES. RISK LIVES IN BETWEEN Alex Cartwright, Natural Hazards Commission Toka Tū Ake | HANLON PARK BUR'UDA WATERWAY NATURALISATION Alan Hoban, Bligh Tanner | AHURIRI REGIONAL PARK: CULTURE-LED, MĀTAURANGA- FED DESIGN - FROM LAMENT TO A PLACE OF VITALITY Gabriel Ross, Boffa Miskell | | |
| 15:00 | 15:30 | Afternoon Tea – EXHIBITION | | | | | |
| PM STREAMS | | Stream X - Operations and Maintenance | Stream Y - NBS | Stream Z - Flood Resilience | Stream AA - NBS | Workshop | |
| 15:30 | 16:00 | RAPIDLY INCREASING MAINTENANCE TO MAKE SPACE FOR WATER | TURNING COMPLIANCE INTO VALUE: A PRACTICAL GREEN STAR STORMWATER CASE STUDY Yohanus Bogale, Stormwater360 | ADVANCING URBAN FLOOD RESILIENCE: A CASE STUDY OF FLOOD BARRIERS IN AOTEAROA'S URBAN SETTING | ALL DRESSED UP WITH NOWHERE TO FLOW: THE CURIOUS CASE OF FITZGIBBON'S | WORKSHOP: National Soakage design guide draft – Open for Feedback | |

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| | | Eshani Mahawedage, Auckland Council | | Hillary Johnston, Tektus Consultants | ALTERNATIVE WATER SUPPLIES Sean Hinton, Bligh Tanner | |
| 16:00 | 16:30 | IMPROVING RURAL DRAINAGE WITH AN OBJECTIVE, RISK BASED FRAMEWORK Dan Lewis, Waimakariri District Council | WORKING WITH NATURE THROUGH PERMEABLE KERB AND CHANNEL INFRASTRUCTURE Klaudia Matyjas, Watersmart | IT'S A WETLAND, BUT IS IT A DAM? Angela Pratt, Jacobs New Zealand Ltd | GREENING AUCKLAND'S FIFTH FAÇADE: LIVING ROOFS IN A GROWING CITY Zoe Avery, The Urbanist | |
| 16:30 | 17:00 | STORMWATER GROUP – WATER NEW ZEALAND: ANNUAL GENERAL MEETING | | | | |
| 19:00 | 23:00 | STANTEC CONFERENCE DINNER & INDUSTRY AWARDS | | | | |

Thursday 14 May 2026

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| 9:00 | 9:30 | KEYNOTE SPEAKER | Lewis Pugh |
| 9:30 | 10:00 | KEYNOTE SPEAKER | |
| 10:00 | 10:30 | KEYNOTE SPEAKER | Water New Zealand |
| 10:30 | | CONFERENCE CLOSURE | |
| 10:30 | 11:15 | MORNING TEA – EXHIBITION | |
| 10:45 | 14:45 | SITE VISIT ONE | Puhinui Regeneration – A Blue-Green Corridor Site Visit |
| 10:45 | 14:45 | SITE VISIT TWO | Whau Catchment — Making Space for Water in a Constrained Urban Environment |
| 10:45 | 14:45 | SITE VISIT THREE | Māngere Blue Green Network projects — Making Space for Water in a Constrained Urban Environment |