

Stormwater 2024

15–17 May | Tākina Wellington Te Whanganui-a-Tara

PRELIMINARY PROGRAMME

WEDNESDAY 15 MAY 2024

07:30 – 08:30	WATERAID AUSTRALIA – BREAKFAST [MATIU]			
09:00 – 09:30	WELCOME MIHI WHAKATAU AND CONFERENCE OPENING – [RONGOMĀTĀNE PLENARY HALL]			
09:30 – 10:00	KEYNOTE: KARA PUKETAPU-DENTICE – TANGATA WHEUNA PERSPECTIVES – [RONGOMĀTĀNE PLENARY HALL]			
10:00 – 10:30	KEYNOTE: PAUL O'CALLAGHAN (VIRTUAL) BLUETECH RESEARCH – [RONGOMĀTĀNE PLENARY HALL]			
10:30 – 11:00	MORNING TEA [EXHIBITION AREA]			
AM SESSIONS	INFRASTRUCTURE INVESTMENT [RONGOMĀTĀNE A]	FRAMEWORKS [RONGOMĀTĀNE B]	FLOOD MODELLING CASE STUDIES [RONGOMĀTĀNE C]	WORKSHOP 1 [MATIU]
11:00 – 11:30	GREEN FINANCE FOR BLUE WATERS: A GLOBAL OVERVIEW OF INNOVATIVE ECONOMIC INSTRUMENTS AND INCENTIVES Brad Tiller – Tonkin + Taylor	HOW TO STOP BUILDING IN NATURAL HAZARD AREAS Shelley Wharton – Whangarei District Council	STANTEC FLOOD PREDICTOR: MACHINE LEARNING FOR RAPID FLOOD FORECASTING Renier Els & Alister Paine - Stantec	Facilitated by Sarah Nolan – Auckland Council and the Te Mana o te Wai sub-committee of Water New Zealand
11:30 – 12:00	STORMING AHEAD: WATER INFRASTRUCTURE FOR GROWTH Mark Hooker, Raye Powell & Fraser Yorston – Tonkin + Taylor	SEEING THE UNSEEN – OPPORTUNITIES FROM A HOLISTIC NATIONAL VIEW OF STORMWATER ASSETS AND FUNCTIONS Helen Shaw – Beca & Alistair Allan – WSP	STREAMLINING MINIMUM FLOOR LEVEL ADVICE DIGITALLY Ivan Kholodov – Wellington Water	
12:00 – 12:30	BALANCING ACTS: STORMWATER MANAGEMENT AMID BREAKNECK GROWTH Danika Ferguson – Beca	EMBRACING CHANGE: INSIGHTS FROM WELLINGTON WATER'S FRAMEWORK Uki Dele & Tina Faiva – Wellington Water	FLOOD CHALLENGES AND COLLABORATIVE SOLUTIONS: COMPREHENSIVE STORMWATER MODELLING ON EASTERN BUSWAY Tom Newman – AECOM	
12:30 – 13:30	Lunch [Exhibition Area]			
FIRST PM SESSIONS	TE MANA O TE WAI [RONGOMĀTĀNE A]	PLANNING AND PERFORMANCE [RONGOMĀTĀNE B]	CLIMATE CHANGE [RONGOMĀTĀNE C]	WORKSHOP 2 [MATIU]
13:30 – 14:00	GIVING EFFECT TO TE MANA O TE WAI – A KAUHAU FOR STORMWATER PROFESSIONALS Troy Brockbank – Beca	IS IT A 'WETLAND'? IS IT A 'RIVER'? NO... IT'S A GREY AREA Selene Conn & Justine Quinn – Tonkin + Taylor	CARBON FOOTPRINT OF OPEN CUT PIPELINES (NZ CONTEXT) Kevin Manalo – Massey University	Facilitated by Liz Gavin and Mark Lewis – Boffa Miskell Including: Nancy Vance – Boffa Miskell, Tom Mansell – Auckland Council, Myfanwy Hill – Greater Wellington Regional Council
14:00 – 14:30	LESSONS FROM CO-DEVELOPMENT OF STORMWATER MANAGEMENT PLANS – ENHANCING OUTCOMES Liam Foster – WSP	HARMONY IN BROWNFIELD REVITALISATION: A HOLISTIC NATURE-BASED APPROACH Bidara Pathirage & Shakti Singh – Woods	UNINTENDED CONSEQUENCES: GROUNDWATER, CLIMATE CHANGE, URBAN DEVELOPMENT, AND IMPROVING INFRASTRUCTURE Dr Helen Rutter – Lincoln Agritech	
14:30 – 15:00	BRIDGING INDIGENOUS AND ENVIRONMENTAL SCIENCE: EXPLORING THE ROLE OF MĀTAURANGA MĀORI IN ENVIRONMENTAL MONITORING Mapihi Martin-Paul – Boffa Miskell	A REHABILITATION JOURNEY– THE EVOLUTION OF STORMWATER TREATMENT DESIGN AT WHANGANUI PRISON Reuben Ferguson – Tonkin + Taylor	THE POTENTIAL EFFECT OF CLIMATE CHANGE ON STORMWATER TREATMENT Mark Groves & Matthew Murdock – WSP	

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WEDNESDAY 15 MAY 2024 (continued)

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AFTERNOON TEA [EXHIBITION AREA]				
SECOND PM SESSIONS	RAIN GARDENS [RONGOMĀTĀNE A]	FLOODING, FROM POLICY TO CASE STUDIES [RONGOMĀTĀNE B]	DATA, MODELLING & RESILIENCE [RONGOMĀTĀNE C]	SECONDARY SYSTEMS (WORKSHOP 3) AND PRIMARY SYSTEMS (PRESENTATION) [MATIU]
15:30 – 16:00	THE RISE AND FALL OF RAIN GARDENS IN AUCKLAND: DRIVERS AND SOLUTIONS FOR THEIR EFFECTIVE USE AS NATURE-BASED SOLUTIONS Sue Ira – Koru Environmental	AUCKLAND FLOODS 2023: ASSESSING RISK TO LIFE FROM FLOODING AT THE PROPERTY LEVEL Richard Donnelly – Richard Donnelly Ltd & Fiona Macdonald – Auckland Council	BREAKING DATA SILOS FOR EFFECTIVE DECISION MAKING Nasrine Tomasi & Sam Greenwood – Mott MacDonald	WORKSHOP 3: URBAN SECONDARY FLOWPATH MANAGEMENT Facilitated by Ian McComb – Tasman District Council Including: Damian Young – Zealandia Consulting
16:00 – 16:30	OUR RAIN GARDEN SUCKS! INVESTIGATING A NATURE-BASED SOLUTION FOR VOLUME REDUCTION AND CLIMATE CHANGE RESILIENCE Julia Watson – Stormwater360	WHAT THE SWOC? – POST CYCLONE STORMWATER STRATEGY DEVELOPMENT Kyleah Hess – Beca	DEVELOPMENT OF THE NATIONAL STORMWATER MODELLING GUIDE Michael Arthur – Metis Consultants	
16:30 – 17:00	STRUCTURAL SOIL TREE PITS FOR ENHANCED STORMWATER MANAGEMENT: DRAFT DESIGN GUIDE Zoe Avery – Auckland Council	SETTING THE STANDARD: UPDATING WAKA KOTAHI'S P46 STORMWATER MANAGEMENT STANDARD Sam Reed – Tonkin + Taylor	DEFINING RESILIENCE: A PREREQUISITE FOR EFFECTIVE FLOOD MANAGEMENT Alex Cartwright – Tonkin + Taylor	PRESENTATION: CULVERT, THE CHOKING POINT OF NETWORK RESILIENCE Boniface Kinnear – Woods
INTERGROUP WELCOME FUNCTION [EXHIBITION AREA]				
17:00 – 18:00				