

TRANSPORT KNOWLEDGE CONFERENCE 2023

Shifting Gears — Collectively moving our transport system forward

Victoria University of Wellington
Te Herenga Waka

28 NOVEMBER 2023



PROGRAMME: NZ TRANSPORT KNOWLEDGE CONFERENCE 2023

<https://www.transportknowledgeconference.co.nz/>

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8.00am	Registration desk opens – tea and coffee upon arrival				Victoria University Wellington Rutherford House, Pipitea Campus (Entrance to Rutherford House off Bunny Street)
8.50am	Mihi Whakatū <i>Tredegar Hall, Director Māori-Kaiwhakahaere Māori, Ministry of Transport</i> MC Welcome & Housekeeping <i>Simon Kingham, Ministry of Transport</i> Opening Address <i>David Wood, Acting CE, Ministry of Transport</i>				
9.15am	Keynote address 1 <u>System planning shift: Rethinking transport infrastructure needs and priorities</u> <i>Geoff Cooper, GM Strategy, Te Waihanga, NZ Infrastructure Commission</i>				
9.40am	Keynote address 2 <u>How to change behaviour and the tools we use to make it happen</u> <i>Professor Ekant Veer, Professor of Marketing, Te Whare Wananga o Waitaha, University of Canterbury</i>				
10.05am	Keynote address 3 <u>The role of Te Ao Māori in a changing transport system</u> <i>Tredegar Hall, Director Māori - Kaiwhakahaere Māori, Ministry of Transport</i>				
10.30am	Morning tea				
Parallel Session One					
	Stream 1 Room: MZ 3/4	Stream 2 Room: MZ 2	Stream 3 Room: 105	Stream 4 Room: 104	
	Transport Modelling <i>Chair: Mieke Welvaert Ministry of Transport</i>	Road safety: interventions and perceptions <i>Chair: Jonathan Boow Waka Kotahi NZTA</i>	Risk, resilience and cultural values <i>Chair: Matt Peterson Maritime NZ</i>	Mode shift and active travel <i>Chair: Eddie Dolan Waka Kotahi NZTA</i>	
11.00am	<u>Where to build EV charging stations? A preliminary model for Aotearoa/New Zealand</u> Joao Costa <i>Ministry of Transport</i>	<u>Employing Machine Learning in Evidence-Based Decision Making: A Case Study Using Weigh-In-Motion Data</u> Quan Sun <i>Waka Kotahi NZTA</i>	<u>Transport System Natural Hazards Resilience Research Highlights and Direction</u> Liam Wotherspoon <i>University Of Auckland</i>	Adolescents' School Travel and Walking to School Perceptions Before and During the COVID-19 Pandemic Sandra Mandic <i>AUT</i>	
11.25am	Modelling the impact of the Transmission Gully Lucie Jilkova <i>Ministry of Transport</i>	Parental perceptions of traffic and personal safety for school travel in Wellington City Tessa Pocock <i>Wellington City Council</i>	<u>An Exploration of Psycho-Social & Cultural Risk Factors among NZ Recreational Boating Fatalities</u> Liam Hoselton <i>Maritime</i>	<u>The Māngere ebike trial</u> Hamish Mackie <i>Mackie Research</i>	

11:50am	<u>Road transports emissions projections since ERP1 and the implications for our climate goals</u> Ainsley Smith Ministry of Transport	<u>Road safety in sight: Baseline projection of quarterly road deaths</u> Hari Sharma Waka Kotahi NZTA	<u>Cultural variations in recreational boating – cross cutting insights from a qualitative study</u> Sandar Duckworth & Tom Eats Litmus / Maritime New Zealand	Understanding the reasons for work travel modes among Wellington City Residents Rajan Ghosh Wellington City Council
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12.20pm	Lunch			
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1.10pm	<i>Keynote address 4</i> <u>The smartest way to build a transport system for everyone: Why gender is the secret to the success</u> <i>Dr Roselle Thoreau, Principal Data Analyst, Te Manatū Waka, Ministry of Transport</i>			
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Parallel Session Two

	Stream 1 Room: MZ 3/4	Stream 2 Room: MZ 2	Stream 3 Room: 105	Stream 4 Room: 104
	Unlocking insights through better data <i>Chair: Alexis Garland Ministry of Transport</i>	Workshop on economic prosperity (Drop-in) <i>Chair: Sandy Fong Waka Kotahi NZTA</i>	Transport experience and well-being <i>Chair: Colin Morrison Waka Kotahi NZTA</i>	Shared and on-demand mobility <i>Chair: Geraldene Peters Ministry of Transport</i>
1.40pm	We aren't always going places – non-travel in the New Zealand Household Travel Survey Jennifer Mcsaveney <i>Ministry Of Transport</i>	This is a workshop to help identify research needs to better understand transport's link to economic prosperity See conference website for more Workshop Information <i>Feel free to drop in/out of this workshop session</i>	<u>Therapeutic mobility: How the 'act of moving through' environments matters for low-carbon transport behaviours</u> Vivienne Ivory <i>WSP</i>	<u>SPOT (Suitable Placement for On-demand Transport): A Systematic Methodology for On-Demand Transport Site</u> Evaluation Minh Kieu <i>University of Auckland</i>
2.05pm	<u>Building travel personas with the New Zealand Household Travel Survey</u> Shrividya Ravi <i>Ministry Of Transport</i>		<u>Plight of bus drivers: The role of organizational and supervisor support in mitigating psychosocial risks</u> Pari Irai <i>Massey University</i>	<u>Shared ambition: Should shared mobility feature in a transition to more equitable and sustainable transport?</u> Helen Fitt <i>University Of Otago, Christchurch</i>
2.30pm	<u>Unlocking Transport Insights: Leveraging New Zealand's Integrated Data Infrastructure (IDI)</u> Conrad MacCormick <i>Nicholson Consulting</i>		<u>Professional practices of transport professionals influencing accessible transport goals: findings from the Inclusive Streetscapes Project</u> Shanthi Ameratunga <i>University Of Auckland</i>	<u>Electrifying rideshare in New Zealand: barriers and opportunities</u> Ashleigh Cormack <i>Uber</i>

3.00pm	Afternoon Tea			
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Parallel Session Three				
	Stream 1 Room: MZ 3/4	Stream 2 Room: MZ 2	Stream 3 Room: 105	Stream 4 Room: 104
	Infrastructure investment assessment <i>Chair: Levente Timar Ministry of Transport</i>	Transport and public health <i>Chair: Sharon Atkins Waka Kotahi NZTA</i>	Transport equity <i>Chair: Jane Godfrey Te Waihanga</i>	Evidence around behavioural change <i>Chair: Joanne Leung Ministry of Transport</i>
3.30pm	<u>Presentation of Waka Kotahi Climate Assessment of Transport Investment (CATI) model</u> Colin Morrison <i>Waka Kotahi NZTA</i>	<u>To take the train or not to take the train – that is the question!</u> Gerda Kuschel <i>Emission Impossible Ltd</i>	<u>Knowing New Zealanders - Women's Journey Experiences</u> Christine Fitzgerald <i>Waka Kotahi NZTA</i>	<u>Knowing New Zealanders- Understanding the enduring social change of working from home</u> Carol Christie <i>Waka Kotahi NZTA</i>
3.55pm	Considering uncertainty when assessing long-term infrastructure needs Peter Nunns <i>Te Waihanga Infrastructure Commission</i>	Real-world air quality co-benefits from urban bus fleet decarbonisation on Wellington's 'Golden Mile' Tamsin Mitchell & Hamish Clark <i>Greater Wellington Regional Council</i>	A nudge-based intervention to improve equity of speed management Jesse Rumball-Smith <i>Wellington College</i>	<u>Understanding public transport needs and usage in New Zealand</u> Alexis Garland <i>Ministry of Transport</i>
4.20pm	<u>Traffic Scenarios for a Decarbonised Rail Sector</u> Garry Whale, Sarah Connolly & Murray King <i>KiwiRail / Stantec</i>	<u>What can be done about transport-related air quality in our urban areas?</u> Noah Bunkley <i>University of Auckland</i>	<u>Modelling transport policy impacts on health equity and greenhouse gas emissions in Tāmaki Makaurau Auckland</u> Jamie Hosking <i>University Of Auckland</i>	<u>Using evaluation to build evidence, momentum, and support for the Transport Choices programme</u> Hamish Mackie & Shiven Rambarath <i>Mackie Research / Waka Kotahi</i>
4.45pm	Please join us on the for networking drinks and nibbles Mezzanine Level, Conference Venue <i>(Please note; Beverages will be an eftpos only bar</i>			