

TRANSPORT KNOWLEDGE CONFERENCE

Transport's Role in Economic and Social Prosperity



* Please click on the underlined presenter names to view presentation slides

8.00am	Registration desk opens
8.45am	MC Welcome & Housekeeping Opening Address
9.00am	Keynote address 1 <u>Prof. David Levinson</u> – University of Sydney
9.30am	Keynote address 2 <u>Geoff Cooper</u> – NZ Infrastructure Commission Toward a National Infrastructure Plan
10.00am	Keynote address 3 <u>Stephanie Ward</u> – KPMG New Zealand Delivering value for money from infrastructure investment
10.30am	Morning Tea

Parallel Session One

	Data and Modelling Room: MZ01	Transport Planning and Evaluation Room: MZ02	Safety Room: G24	Urban Outcomes Room: 102	Health Room: LT2
	Understanding travel behaviour	Funding and Investment	Modelling Safety	Te Ara Mua session	Health
11.00am	Understanding Travel Behavior Through Mobility Data: Insights into Travel Patterns <u>Conrad MacCormick</u> Nicholson Consulting	Sector Investment Pipeline: Building an Investment Plan <u>Christine Vaughan</u> NZ Transport Agency	Towards a Rational Road Crash Forecast Model to inform road safety policy <u>Urie Bezuidenhout</u> Davinci Research	Te Ara Mua Future Streets: 10 years of understanding suburban street and social change for health, equity and sustainability <u>University of Otago</u> This session includes five presentations:	Modelling equity and population health impacts of decarbonising the transport sector in Aotearoa/NZ <u>Caroline Shaw</u> University of Otago
11.25am	Using Snapper card data to unveil public transport commuter patterns in Wellington Region <u>Stephen Christie</u> Wellington Transport Analytics Unit	International trends in optimizing the revenue instrument mix in road network funding <u>Peter Carr</u> Eroad Ltd	Assessing Travel Time benefits to through traffic vs improved safety outcomes for local communities <u>Doug Wilson</u> University of Auckland	1. Results from the three Kaupapa Māori- <u>Kimiara Raerino</u> , 2. Final results from the quantitative measures – <u>Alex MacMillan</u> , 3. Road user behaviour around schools (video data analysis) – <u>Hamish Mackie, Melody Smith</u> , 4. E-bike trial – <u>Karen Witten, Alistair Woodward</u> , 5. Cost-benefit modelling of Auckland-wide implementation – <u>Jamie Hosking, Alex MacMillan</u>	Population health impacts of light vehicle electrification: A modelling study in Aotearoa/New Zealand <u>Caroline Shaw</u> University of Otago
11.50pm	Impacts of NZ half-price fares policy on urban public transport patronage - Wellington case study <u>Ian Wallis</u> Ian Wallis Associates Ltd	Funding Methods for Sustainable Transport Projects: A Case Study of Value Capture in Wellington <u>Logan Silson</u> Massey University	Building a model for safety effects when travel modes change - it's complicated... <u>Glen Koorey</u> Viastrada		Classifying unsealed roads by relative risk of exposure to fine particles in road dust <u>Jenny Simpson</u> Tonkin & Taylor
12.15pm	Lunch				

Parallel Session Two

	Data and Modelling Room: MZ01	Transport Planning and Evaluation Room: MZ02	Safety Room: G24	Urban Outcomes Room: 102
	Heavy vehicles and freight	Economic impacts	Perceptions and road safety	Accessibility and urban outcomes
1.10pm	Introduction to the Freight Information Gathering System (FIGS) <u>Christina Poeltl</u> Ministry of Transport	Wider economic benefits <u>Wentao Yang</u> NZ Transport Agency	Perceptions of Public Transport, Cycling and Walking Among Auckland Drivers <u>Kathryn Ovenden</u> Auckland Council	What is new? Tracking our e-travel with the New Zealand Household Travel Survey <u>Jennifer McSaveney</u> Ministry of Transport
1.35pm	How far do heavy vehicles travel? Determining VKT from RUC data <u>Ainsley Smith</u> Ministry of Transport	Knowing New Zealanders - Evidence of transport's enablement of economic and social prosperity <u>Carol Christie</u> NZ Transport Agency	Opinions about road safety: Findings from the Pōneke/Wellington Transport Survey 2023 and 2024 <u>Sandra Mandic</u> Wellington City Council	Establishing a methodology for integrated transport accessibility measures <u>Eilya Torshizian</u> Principal Economics Limited
2.00pm	Using Motor Vehicle Register data to understand the Heavy Vehicle Fleet <u>Jasmine Anthony</u> Ministry of Transport	Monetising the benefits of transport resilience <u>Bryce Hartell</u> NZ Transport Agency	Unlocking the influence of distance on Wellingtonians' work and school transport choices and safety perceptions <u>Rajan Ghosh & Tessa Pocock</u> Wellington City Council	Integrating Mass-Rapid Transit and Urban Outcomes <u>Amy Thompson</u> Auckland Transport
2.25pm	Modelling heavy vehicle imports <u>Thoa Hoang</u> Ministry of Transport	Determining the Carbon footprint of land transport infrastructure in Aotearoa New Zealand <u>Sam Turner</u> Beca	Free Reflective Gear Increases Active Traveller Perception of Visibility and Safety <u>Mel Ansell</u> Greater Wellington Regional Council	Transport's role in third spaces supporting community wellbeing of disabled people and older residents <u>Shanthi Ameratunga</u> The University of Auckland
2.50pm	Afternoon Tea			
3.20pm	Keynote address 4 <u>Stuart Donovan</u> , Motu Economic and Public Policy Research Looking at the role of transport through a spatial and urban economic lens			

Parallel Session Three				
	Data and Modelling Room: MZ01	Transport Planning and Evaluation Room: MZ02	Safety Room: G24	Urban Outcomes Room: 102
	Monty agent-based modelling	Innovative data-based approaches	Enhancing road safety	Micromobility
4.00pm	Computing Kiwis - creating representative agents for transport simulation Shrividya Ravi Ministry of Transport	National Network Performance: Simplifying Benefits Analysis Hrishikesh Kodthuguli NZ Transport Agency	Is targeting blackspots an efficient method for achieving death and serious injury reduction Ian Robertson WSP	Evaluating Shared Micro-mobility in Wellington City: The Tension Between City Vibrancy and Safety Danial Jahanshahi Wellington City Council
4.20pm	Predicting the past with Monty: a credibility study Joao Costa Ministry of Transport	Enhancing Transport Investment Planning through an AI powered Intervention Catalogue Sandy Fong NZ Transport Agency	Optimising road user behaviour at passive rail crossings: Enhancing safety Joel Burton WSP	Health, wellbeing, and social benefits of a marae-led e-bike support programme Emma Osborne University of Otago Wellington
4.50pm	Please join us on the for networking drinks and nibbles Mezzanine Level, Conference Venue (Please note, Beverages will be an eftpos only bar)			