



**Institute of Transport Studies (Monash)**  
The Australian Research Council Key Centre in Transport Management

**Institute of Transport Studies, Monash University**  
**World Transit Research**

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World Transit Research Newsletter

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8-2024

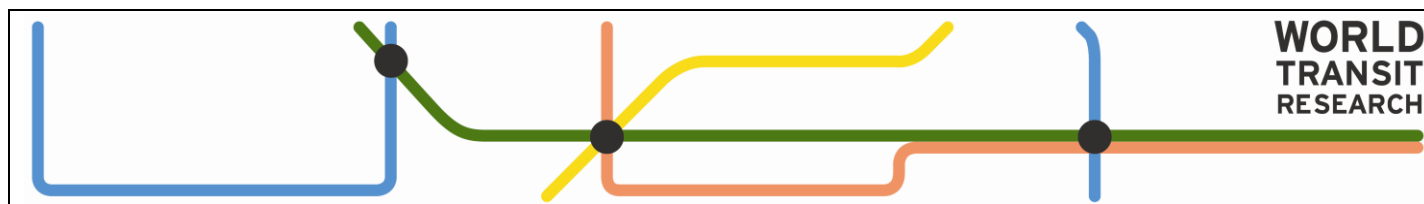
## **World Transit Research August 2024 Newsletter**

Institute of Transport Studies Monash University

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## World Transit Research

### August 2024 Newsletter

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Welcome to the WORLD TRANSIT RESEARCH (WTR) clearinghouse newsletter. This newsletter, which is published bi-monthly, summarises new research published in the field which has been added to the World Transit Research clearinghouse research database.

WTR is now used by public transport researchers in over 8,000 cities and towns in 170 countries worldwide.

#### **BACKGROUND**

World Transit Research (WTR) is designed to help public transport practitioners and researchers get easier access to quality research in the field of public transport planning. WTR is a free repository of research papers, reports, research abstracts and links to research findings from leading research journals indexed and searchable to ensure easier access to topics of interest. The site is developed and run by the [Public Transport Research Group](#) at the Institute of Transport Studies, Monash University. The clearinghouse performs the following functions:

- Search/Find – The database is searchable on key words and also via a list of subject areas
- Newsletter Subscription – Those accessing the website can enrol in a free email newsletter. This broadcasts new publications in the field every 2 months
- Links – links to relevant associated sites are provided
- Submit Research – Researchers can use the website to suggest items for inclusion in the database. Copyright requirements are described.

#### **NEWSLETTER**

Your recommendation can help grow our number of subscribers. Do you know someone interested in public transport research that would like to receive this newsletter? Ask them to go to <http://www.worldtransitresearch.info/> and enter their email address in the box provided under Newsletter.

#### **NEW ADDITIONS**

World Transit Research clearinghouse now includes some 10,290 research reports/papers. Some 97 published papers have been added. The new ones are listed in the attached table. In addition new journals and relevant papers are also occasionally added from previous publication records.

#### **CONTRIBUTE YOUR RESEARCH AND INCREASE YOUR CITATIONS**

Should you have any relevant papers that you think should be included in this repository, please log on to [www.worldtransitresearch.info](http://www.worldtransitresearch.info) and click on the Submit Research icon. The WTR Clearinghouse is a very effective tool to increase author citations of research since it acts to publicise your research to those interested in this field.

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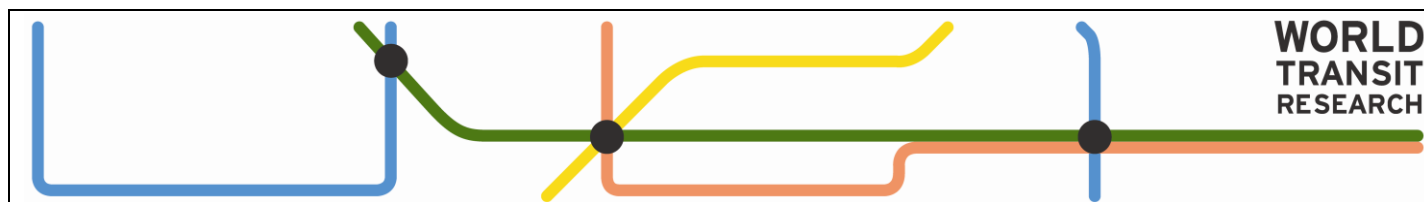
Articles on the following two pages denoted with an asterisk \* are from Journals that do not require a subscription to view the full article.

#### **SUGGESTIONS WELCOMED**

If you have any queries or suggestions on how to improve our publication, we would love to hear from you at:

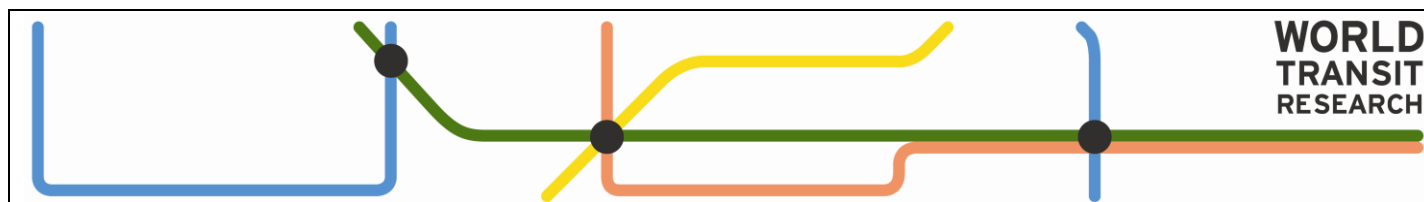
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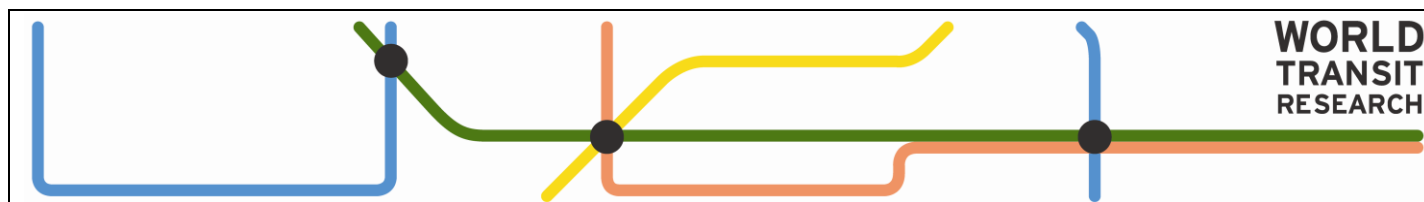


## WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

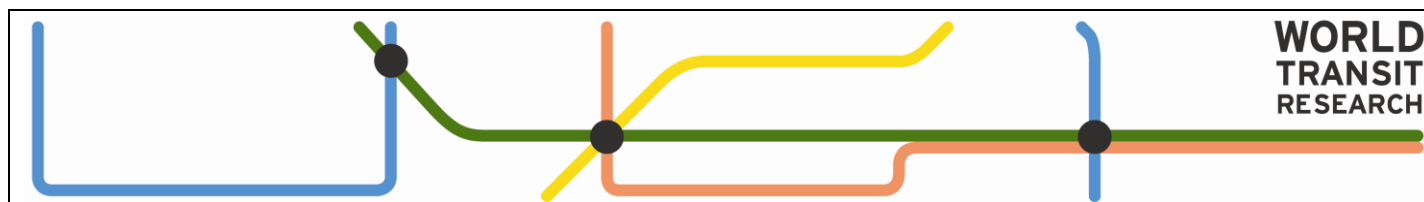
AUTHOR	TITLE	CATEGORY
R Medeiros, F Duarte, I Bojic, Y Xu, P Santi, C Ratti	<a href="#">Merging transport network companies and taxis in Curitiba's BRT system*</a>	Planning
G Rosa	<a href="#">Sustainable development of passenger transport in Poland in the context of young passengers' preference survey*</a>	Planning
S Roy, G Mazzulla, S Hore, S Mitra	<a href="#">Exploring the passengers' socio-economic structure and its impact on the perception of railway infrastructures and services in Tripura, India*</a>	Planning
F Collin, A Dupuly, I Parrot, I Barbara, G Dray, S Martin, L Brunel	<a href="#">The effects of ambient scent on olfactory comfort and attitude toward its use in a tramway: an on-board study</a>	Planning
P He, J Jin, F Schulte	<a href="#">The flexible airport bus and last-mile ride-sharing problem: Math-heuristic and metaheuristic approaches</a>	Planning
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M Guillot, D Rey, A Furno, N El Faouzi	<a href="#">A stochastic hub location and fleet assignment problem for the design of reconfigurable park-and-ride systems*</a>	Planning
P Wu, R Guo, Z Lin, R Liu, P Xu	<a href="#">Improving passenger travel efficiency through a dynamic autonomous non-stop rail transit system</a>	Planning
W Zhang, J Liu, K Wang, L Wang	<a href="#">Routing and charging optimization for electric bus operations*</a>	Planning
J Qiu, Y Jing, W Peng, L Du, Y Hu	<a href="#">Identifying critical transfer zones to coordinate transit with on-demand services using crowdsourced trajectory data</a>	Planning
H Catalán, H Lobel, J Herrera	<a href="#">An automatic methodology to measure drivers' behavior in public transport</a>	Planning
G Pourhashem, C Georgouli, E Malichová, M Straka, T Kováčiková	<a href="#">Factors influencing the perceived value of travel time in European urban areas*</a>	Planning
Y Ren, M Yang, E Chen, L Cheng, Y Yuan	<a href="#">Exploring passengers' choice of transfer city in air-to-rail intermodal travel using an interpretable ensemble machine learning approach</a>	Planning
M Balac, S Hörl, B Schmid	<a href="#">Discrete choice modeling with anonymized data*</a>	Planning
H Guo, Y Wang, P Shang, X Yan, Y Guan	<a href="#">Customised bus route design with passenger-to-station assignment optimisation</a>	Planning
H Kim, K Lee, W Huh, Y Song	<a href="#">Measuring the transit benefits of accessibility with the integration of transit systems</a>	Planning
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N Geržinič, O Cats, N van Oort, S Hoogendoorn-Lanser, S Hoogendoorn	<a href="#">What is the market potential for on-demand services as a train station access mode?*</a>	Planning
C Hsu	<a href="#">Simulation of emergency evacuation with crowd-gathering risk and evaluation methods: a case study of the mass rapid transit system in Taipei</a>	Planning
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P Chen	<a href="#">Multimodality incentivized by employer-based travel demand management</a>	Planning
M Liu, C Zhang, W Huang, M Wang, G Xiao	<a href="#">A dynamic network data envelopment analysis cross-efficiency evaluation on the benefits of bus transit services in 33 Chinese cities</a>	Planning
W Zhou, X Han	<a href="#">Integrated optimization of train ticket allocation and OD-shared ticket sales strategy under stochastic demand</a>	Planning
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Z Liu, D Sun, H Chen, W Hao, Z Wang, F Tang	<a href="#">Resilience-based post-disaster repair strategy for integrated public transit networks</a>	Planning
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C Vitrano, W Kębłowski	<a href="#">'Bouncing between the buses like a kangaroo': efficient transport, exhausted workers*</a>	Ridership
E Stratford, J Byrne	<a href="#">Im/mobilising bus travel as an infrastructure of care: student experiences in a mid-size city*</a>	Ridership
H Mohiuddin, T Fukushima, D Fitch-Polse, S Handy	<a href="#">Does dockless bike-share influence transit use? Evidence from the Sacramento region</a>	Ridership
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H Tan, M Ramli	<a href="#">Inferring unable-to-board commuters for overcrowded buses using smart card data</a>	Technology
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K Obeng	<a href="#">Incentivizing public transit to improve performance to meet the programmatic goal of a funding agency</a>	Organisation
K Kim, J Kim, H Cho, D Yook	<a href="#">Determining contract conditions in a PPP project among deep uncertainty in future outturn travel demand</a>	Organisation
T Lidén, C Schmidt, R Zahir	<a href="#">Improving attractiveness of working shifts for train dispatchers*</a>	Organisation
B Paudel, K Hewage, S Wanniarachchi, P Perera, G Chhipi-Shrestha, R Sadiq	<a href="#">Life cycle thinking-based analysis of diesel and electric-powered buses for Canadian transit systems</a>	Infrastructure
C Tang, H Xue, A Ceder, Y Ge	<a href="#">Optimal variable vehicle scheduling strategy for a network of electric buses with fast opportunity charging</a>	Infrastructure
Y Chung, Y Chiou	<a href="#">Economic characteristics of city bus operation with a mixed fleet: the influence of electric buses</a>	Economics
F Dai, M Diao, T Sing	<a href="#">A two-dimensional propensity score matching approach to estimating the treatment effect of urban rail transit lines on vehicle travel</a>	Mode

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