



**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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2-2024

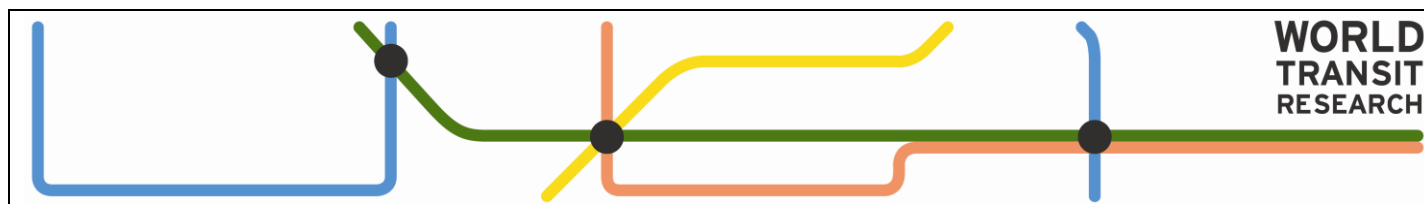
## **World Transit Research February 2024 Newsletter**

Institute of Transport Studies Monash University

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## World Transit Research

### February 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.

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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 9,983 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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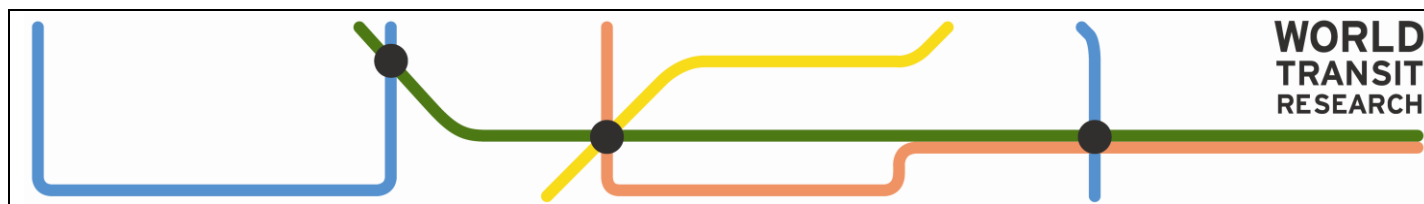
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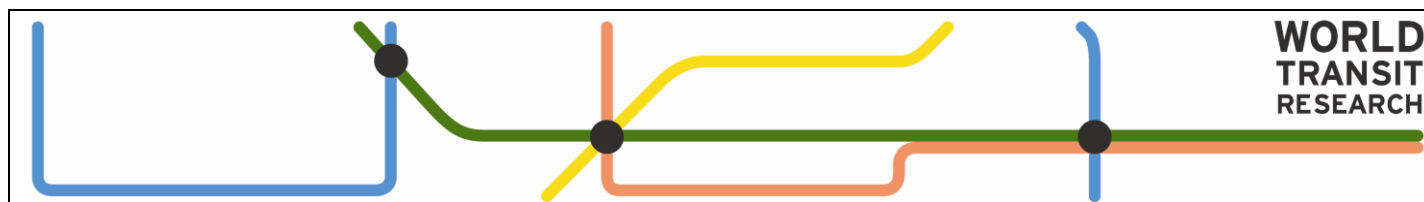
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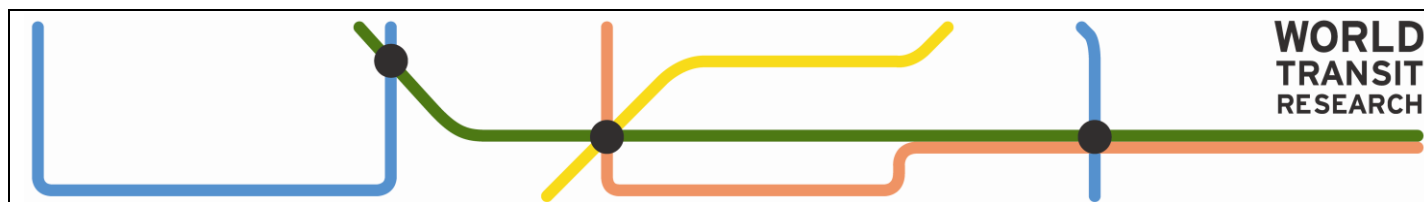


## WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

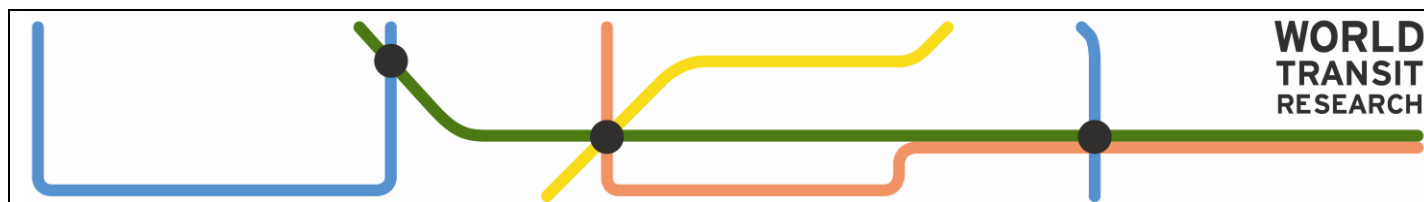
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A Kroen, C De Gruyter, R Goodman, S Pemberton	<a href="#">Developer-Led Bus Services in Greenfield Areas – Characteristics and Opportunities</a>	Planning
A Rahim, A Fonzone, G Fountas, L Downey	<a href="#">On the Attitudes Toward Automation in Determining the Intention to Use Automated Buses in Scotland</a>	Planning
A Pitale, S Sadhukhan, M Parida	<a href="#">RIDIT-ISA Approach to Investigate Commuter Perceptions of an Existing Regional Transit System: A Case Study in the National Capital Region, India</a>	Planning
B Cesme, A Hayes, S Wang, S Warchol, A Root, K Bhagat, N Roupail	<a href="#">Multimodal Intersection Signal Timing Considerations Framework, Performance Measures, and Case Study</a>	Planning
Y Tang, Y Wang, Y Qian	<a href="#">Railroad Crossing Surveillance and Foreground Extraction Network: Weakly Supervised Artificial-Intelligence Approach</a>	Planning
E Tomasch, S Smit	<a href="#">Naturalistic driving study on the impact of an aftermarket blind spot monitoring system on the driver's behaviour of heavy goods vehicles and buses on reducing conflicts with pedestrians and cyclists*</a>	Planning
A Lubecki, J Szczurowski, K Zarębska	<a href="#">A comparative environmental Life Cycle Assessment study of hydrogen fuel, electricity and diesel fuel for public buses*</a>	Planning
R Barber	<a href="#">Aging in place, stranded in space: An analysis of health care access via public transportation in Elliot Lake</a>	Planning
M Cai, A Acolin, A Moudon, Q Shen	<a href="#">Developing a multi-criteria prioritization tool to catalyze TOD on publicly owned land areas</a>	Planning
A Radzimski	<a href="#">Accessibility of social housing by sustainable transport modes: A study in Poznań, Poland*</a>	Planning
J Wang, L Sun	<a href="#">Multi-objective multi-agent deep reinforcement learning to reduce bus bunching for multiline services with a shared corridor</a>	Planning
M Shen, W Gu, S Hu, F Xiao	<a href="#">Efficient heuristic methods for berth allocation at multi-line, multi-berth curbside bus stops</a>	Planning
J Yu, P Laharotte, Y Han, L Leclercq	<a href="#">Decentralized signal control for multi-modal traffic network: A deep reinforcement learning approach</a>	Planning
J Ning, Q Peng, Y Zhu, X Xing, O Nielsen	<a href="#">Bi-objective optimization of last-train timetabling with multimodal coordination in urban transportation*</a>	Planning
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T Dai, J Li, Y Nie	<a href="#">Accessibility-based ethics-aware transit design</a>	Planning
J Yin, F Pu, L Yang, A D'Ariano, Z Wang	<a href="#">Integrated optimization of rolling stock allocation and train timetables for urban rail transit networks: A benders decomposition approach</a>	Planning
Q Guo, S Chen, Y Sun, P Schonfeld	<a href="#">Investment timing and length choice for a rail transit line under demand uncertainty</a>	Planning
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J Weng, J Yu, X Di, P Lin, J Wang, L Mao	<a href="#">How does the state of bus operations influence passengers' service satisfaction? A method considering the differences in passenger preferences</a>	Planning
M Azmoodeh, F Haghighi, H Motieyan	<a href="#">The capability approach and social equity in transport: Understanding factors affecting capabilities of urban residents, using structural equation modeling</a>	Planning
M Saleem, H Afzal, F Ahmad, H Ismail, N Nguyen	<a href="#">An exploration and importance-performance analysis of bus rapid transit systems' service quality attributes: Evidence from an emerging economy*</a>	Planning
R Manning, C Babb	<a href="#">Micromobility for first and last mile access to public transport: institutional perspectives from Perth, WA*</a>	Planning
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Ş Yilmaz, G Findik, B Öz	<a href="#">A qualitative study on transportation experiences of public transport users in Türkiye during the COVID-19 pandemic*</a>	Planning
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J Ryan, R Pereira, M Andersson	<a href="#">Accessibility and space-time differences in when and how different groups (choose to) travel*</a>	Ridership
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L Gao, S He, D Ettema, M Helbich	<a href="#">Travel behavior changes due to life events: Longitudinal evidence from Dutch couple households</a>	Ridership
X Chen, Y Jiang, J Ingvardson, X Luo, O Nielsen	<a href="#">I can board, but I'd rather wait: Active boarding delay choice behaviour analysis using smart card data in metro systems*</a>	Ridership
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Y Wang, Q Shen	<a href="#">An economic analysis of incorporating new shared mobility into public transportation provision</a>	Economics
A Lotfi, M Virk	<a href="#">Railway operations in icing conditions: a review of issues and mitigation methods*</a>	Literature review
K De-Toledo, S O'Hern, S Koppel	<a href="#">"I saw a fox in Melbourne CBD": Urban travel behaviour changes during COVID-19 and beyond*</a>	Literature review
X He, S Wang, M Lai, X Peng, B Chen	<a href="#">Mechanical characterization of subway tunnel construction in urban shallow distributed karst stratum</a>	Mode
V Corvello, R Musmanno, G Pavone, F Santoro, F Vocaturo	<a href="#">Optimization and public transport tendering: a case study in Southern Italy*</a>	Organisation
R Shao, B Derudder, Y Yang, F Witlox	<a href="#">The association between transit accessibility and space-time flexibility of shopping travel: On the moderating role of ICT use</a>	Technology

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