



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

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World Transit Research Newsletter

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6-2020

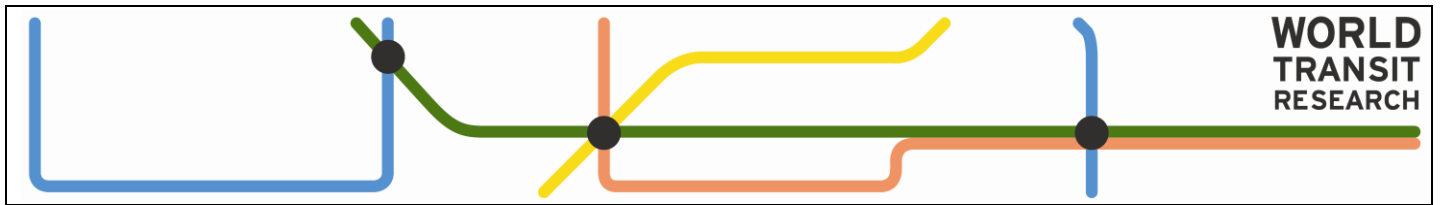
## **World Transit Research June 2020 Newsletter**

Institute of Transport Studies Monash University

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## World Transit Research

### June 2020 Newsletter

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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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#### **NEW ADDITIONS**

World Transit Research clearinghouse now includes some 7,861 research reports/papers. Some 95 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**

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If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: [enquiries@worldtransitresearch.info](mailto:enquiries@worldtransitresearch.info)

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**WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS**

<b>AUTHOR</b>	<b>TITLE</b>	<b>CATEGORY</b>
N Dehouche	<a href="#">The k-interchange-constrained diameter of a transit network: a connectedness indicator that accounts for travel convenience</a>	Planning
Y Song, Y Huang	<a href="#">Investigating Complementary and Competitive Relationships between Bikeshare Service and Public Transit: A Spatial-Temporal Framework</a>	<b>Planning</b>
O Cats, J West	<a href="#">Learning and Adaptation in Dynamic Transit Assignment Models for Congested Networks</a>	Planning
A Alexander	<a href="#">Attracting, Retaining, and Advancing Women in Transit</a>	Planning
T Zuo, H Wei, N Chen, C Zhang	<a href="#">First-and-last mile solution via bicycling to improving transit accessibility and advancing transportation equity</a>	Planning
J Lin, L Cao, N Li	<a href="#">How the completeness of spatial knowledge influences the evacuation behavior of passengers in metro stations: A VR-based experimental study</a>	Planning
D He, Y Yang, Y Chen, J Deng, S Shan, J Liu, X Li	<a href="#">An integrated optimization model of metro energy consumption based on regenerative energy and passenger transfer</a>	Planning
F Cavallaro, A Dianin	<a href="#">An innovative model to estimate the accessibility of a destination by public transport</a>	Planning
A Arabian, S Masjoodi, B Makkiabadi, E Ghafari, E Nassaj, S Zakerian	<a href="#">Determination of critical time points in non-collision incidents of elderly passengers in standing position on urban bus</a>	Planning
P Bye, E Frazier	<a href="#">Transit Security Preparedness</a>	Planning
Z Qi, S Lim, T Rashidi	<a href="#">Assessment of transport equity to Central Business District (CBD) in Sydney, Australia</a>	Planning
M Enoch, R Cross, N Potter, C Davidson, S Taylor, R Brown, H Huang, J Parsons, S Tucker, E Wynne, D Grieg, G Campbell, A Jackson, S Potter	<a href="#">Future local passenger transport system scenarios and implications for policy and practice</a>	Planning
I Dakic, L Ambühl, O Schümperlin, M Menendez	<a href="#">On the modeling of passenger mobility for stochastic bi-modal urban corridors</a>	Planning
H Pinto, M Hyland, H Mahmassani, I Verbas	<a href="#">Joint design of multimodal transit networks and shared autonomous mobility fleets</a>	Planning
H Sayarshad, H Gao	<a href="#">Optimizing dynamic switching between fixed and flexible transit services with an idle-vehicle relocation strategy and reductions in emissions</a>	Planning
J Allen, L Eboli, G Mazzulla, J de Dios Ortúzar	<a href="#">Effect of critical incidents on public transport satisfaction and loyalty: an Ordinal Probit SEM-MIMIC approach</a>	Planning
M Almarood, P Maghelal	<a href="#">Enhancing the use of transit in arid regions: Case of Abu Dhabi</a>	Planning
J de Oña, E Estévez, R de Oña	<a href="#">Perception of Public Transport Quality of Service among Regular Private Vehicle Users in Madrid, Spain</a>	Planning
C Nickel, G Eldeeb, M Mohamed	<a href="#">Perceived Quality of Bus Transit Services: A Route-Level Analysis</a>	Planning
T Ross, A May, S Cockbill	<a href="#">The personal and contextual factors that affect customer experience during rail service failures and the implications for service design</a>	Planning
C Bernhard, D Oberfeld, C Hoffmann, D Weismüller, H Hecht	<a href="#">User acceptance of automated public transport: Valence of an autonomous minibus experience</a>	Planning
Z Dai, X Liu, X Chen, X Ma	<a href="#">Joint optimization of scheduling and capacity for mixed traffic with autonomous and human-driven buses: A dynamic programming approach</a>	Planning
L Yang, Z Di, M Dessouky, Z Gao, J Shi	<a href="#">Collaborative optimization of last-train timetables with accessibility: A space-time network design based approach</a>	Planning
D Asplund, R Pyddoke	<a href="#">Optimal fares and frequencies for bus services in a small city</a>	Planning
C McTigue, T Rye, J Monios	<a href="#">Identifying barriers to implementation of local transport policy – Lessons learned from case studies on bus policy implementation in Great Britain</a>	Planning
M Cai, J Jiao, M Luo, Y Liu	<a href="#">Identifying transit deserts for low-income commuters in Wuhan Metropolitan Area, China</a>	Planning
J Narayan, O Cats, N van Oort, S Hoogendoorn	<a href="#">Integrated route choice and assignment model for fixed and flexible public transport systems</a>	Planning
A Yang, B Wang, J Huang, C Li	<a href="#">Service replanning in urban rail transit networks: Cross-line express trains for reducing the number of passenger transfers and travel time</a>	Planning
G Wang, A Chen, S Kitthamkesorn, S Ryu, H Qi, Z Song, J Song	<a href="#">A multi-modal network equilibrium model with captive mode choice and path size logit route choice</a>	Planning
S Luo, Y Nie	<a href="#">On the role of route choice modeling in transit sketchy design</a>	Planning
R Knowles, F Ferbrache, A Nikitas	<a href="#">Transport's historical, contemporary and future role in shaping urban development: Re-evaluating transit oriented development</a>	Land use

M Boarnet, R Bostic, S Rodnyansky, E Burinskiy, A Eisenlohr, H Jamme, R Santiago-Bartolomei	<a href="#">Do high income households reduce driving more when living near rail transit?</a>	Land use
S He	<a href="#">Regional impact of rail network accessibility on residential property price: Modelling spatial heterogeneous capitalisation effects in Hong Kong</a>	Land use
L Yang, Y Chen, N Xu, R Zhao, K Chau, S Hong	<a href="#">Place-varying impacts of urban rail transit on property prices in Shenzhen, China: Insights for value capture</a>	Land use
D Rodriguez, C Kang	<a href="#">A typology of the built environment around rail stops in the global transit-oriented city of Seoul, Korea</a>	Land use
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V D'Elia, M Grand, S León	<a href="#">Bus rapid transit and property values in Buenos Aires: Combined spatial hedonic pricing and propensity score techniques</a>	Land use
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S Jackson, J Buckman	<a href="#">Light rail development with or without gentrification?: Neighborhood perspectives on changing sense of place in Denver, Colorado</a>	Land use
Z Gan, M Yang, T Feng, H Timmermans	<a href="#">Examining the relationship between built environment and metro ridership at station-to-station level</a>	Land use
M Freudendal-Pedersen	<a href="#">Sustainable urban futures from transportation and planning to networked urban mobilities</a>	Land use
G Lyu, L Bertolini, K Pfeffer	<a href="#">How does transit-oriented development contribute to station area accessibility? A study in Beijing*</a>	Land use
S Li, D Lyu, X Liu, Z Tan, F Gao, G Huang, Z Wu	<a href="#">The varying patterns of rail transit ridership and their relationships with fine-scale built environment factors: Big data analytics from Guangzhou</a>	Ridership
B Cui, G Boisjoly, L Miranda-Moreno, A El-Geneidy	<a href="#">Accessibility matters: Exploring the determinants of public transport mode share across income groups in Canadian cities</a>	Ridership
<b>R Shafi, A Delbosc, G Rose</b>	<a href="#">Travel attitudes and mode use among Asian international students at an Australian university</a>	Ridership
J Li, P Zheng, W Zhang	<a href="#">Identifying the spatial distribution of public transportation trips by node and community characteristics</a>	Ridership
M Wicki, S Guidon, F Becker, K Axhausen, T Bernauer	<a href="#">How technology commitment affects mode choice for a self-driving shuttle service</a>	Ridership
J Wu, H Liao	<a href="#">Weather, travel mode choice, and impacts on subway ridership in Beijing</a>	Ridership
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J Wang, T Yamamoto, K Liu	<a href="#">Key determinants and heterogeneous frailties in passenger loyalty toward customized buses: An empirical investigation of the subscription termination hazard of users</a>	Ridership
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C Carr, M Hesse	<a href="#">Mobility policy through the lens of policy mobility: The post-political case of introducing free transit in Luxembourg</a>	Policy
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Y Tang, H Yang, B Wang, J Huang, Y Bai	<a href="#">A Pareto-improving and revenue-neutral scheme to manage mass transit congestion with heterogeneous commuters</a>	Policy
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I Rubensson, Y Susilo, O Cats	<a href="#">Is flat fare fair? Equity impact of fare scheme changes</a> <a href="#">Equity impact of fare scheme change</a>	Policy
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Y Li, D Yang, X Hu	<a href="#">A differential privacy-based privacy-preserving data publishing algorithm for transit smart card data</a>	Technology
D Morales, J Muñoz, P Gazmuri	<a href="#">A stochastic model for bus injection in an unscheduled public transport service</a>	Operations
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R Singh, D Hörcher, D Graham, R Anderson	<a href="#">Decomposing journey times on urban metro systems via semiparametric mixed methods</a>	Operations
C Kang, C Feng, B Liao, H Khan	<a href="#">Accounting for air pollution emissions and transport policy in the measurement of the efficiency and effectiveness of bus transits</a>	Operations
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M Zhang, B Yen, C Mulley, N Sipe	<a href="#">An investigation of the open-system Bus Rapid Transit (BRT) network and property values: The case of Brisbane, Australia</a>	Mode
M Yu, R Yu, Y Tang, Z Liu	<a href="#">Empirical study on the impact of China's metro services on urban transportation energy consumption</a>	Mode
S Molinillo, M Ruiz-Montañez, F Liébana-Cabanillas	<a href="#">User characteristics influencing use of a bicycle-sharing system integrated into an intermodal transport network in Spain</a>	Mode
G Luna-Cortés	<a href="#">Stress perceived by foreigners that use public transportation in Bogotá (Colombia)</a>	Literature Review
N Bešinović	<a href="#">Resilience in railway transport systems: a literature review and research agenda</a>	Literature Review

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