

BECKY P.Y. LOO 盧佩瑩

CURRICULUM VITAE

BECKY P.Y. LOO 盧佩瑩

E-mail: bpyloo@hku.hk or b.loo@ucl.ac.uk

Website: <https://www.bpyloo.hku.hk>

ORCID: [0000-0003-0822-5354](https://orcid.org/0000-0003-0822-5354)

B.A. (First Class Honours), Ph.D. (HK)
Fellow of the Academy of Social Sciences, UK (FACSS)
Justice of Peace (JP), Hong Kong SAR Government
Fellow of the Chartered Institute of Logistics and Transport (FCILT)
Fellow of the Hong Kong Society for Transportation Studies (FHKSTS)
Fellow of the International Artificial Intelligence Industry Alliance (AIIA)

Professor, Department of Geography,
The University of Hong Kong, Hong Kong SAR, China

Honorary Professor, Department of Civil, Environmental and Geomatic
Engineering, University College London (UCL), UK

Honorary Professor, School of Economics and Management (經濟管理學院),
Beijing Jiaotong University (北京交通大學), China



I) Research

Becky's research can broadly be classified into four major areas: **(i)** transit, walkability, travel behaviour and urban forms; **(ii)** road safety, health and spatial analysis, **(iii)** sustainability, regional development and transport decarbonisation, and **(iv)** smart cities and big data analytics.

Notes:

IF₂₀₂₃ refers to the latest Clarivate Web of Science Journal Citation Reports Impact Factor.

♣ means Top 10% in the respective subject category. When a journal belongs to more than one category, only the highest category is listed. Details of relevant categories are listed at the end of Section I.2.

🌸 means "Representative"

🏆 means "Highly Cited Paper" (Clarivate Web of Science)

Names of students/former students are typed in italics

* denotes corresponding author

I.1) SCHOLARLY BOOKS AND MONOGRAPHS

1. Loo, B.P.Y. (2018). *Unsustainable transport and transition in China*. London and New York: Routledge. (ISBN 9781138934511)([Reviews](#))([Discount Flyer](#))🌸(iii)
2. Loo, B.P.Y., & Anderson, T.A. (2016). *Spatial analysis methods of road traffic collisions*. Boca Raton: CRC Press. (ISBN 9781439874127 - CAT# K13435)([Reviews](#))(ii)
3. Loo, B.P.Y., & Comtois, C. (Eds.). (2015). *Sustainable railway futures: Issues and challenges*. Surrey: Ashgate (ISBN 978-1-4094-5244-7)([Reviews](#))(iii)
4. Loo, B.P.Y. (2012). *The e-society*. New York: Nova Science. (ISBN 978-1-61209-831-9)([Reviews](#))(iv)
- 5-9. Loo, B.P.Y., Lai, P.C., & Lin, H. (2006). *Integrating transportation and geographic information systems: A problem-solving approach*. Hong Kong: Institute of Space and Earth Information Science, CUHK. Six books in total. (ISBN 978-988-98785-2-8/ 3-5/ 4-2/ 5-9/ 6-6)(ii)

I.2) JOURNAL ARTICLES AND BOOK CHAPTERS

2024 and Online First

10. Feng, X., Zeng, F., Loo, B.P.Y.*, & Zhong, Y. (2024). The evolution of urban ecological resilience: An evaluation framework based on vulnerability, sensitivity and self-organization. *Sustainable Cities and Society*, 105933. DOI: [10.1016/j.scs.2024.105933](https://doi.org/10.1016/j.scs.2024.105933) (IF₂₀₂₃=10.5) [Q1; 97.3%¹⁸]♣

11. Gao, W., Cui, M., Pan, E., & Loo, B.P.Y.* (2024). Green commuting within the x-minute city: Towards a systematic evaluation of its feasibility. *Journal of Transport Geography*, 121, 104003. DOI: [10.1016/j.jtrangeo.2024.104003](https://doi.org/10.1016/j.jtrangeo.2024.104003) (IF₂₀₂₃=5.7) [Q1; 96.2%⁶]★(i)
12. Guo, C., Loo, B.P.Y., Feng, K., Gao, H.O., & Zhang, K.* (2024). Fifteen pathways between electric vehicles and public health: A transportation-health conceptual framework. *Environment & Health*, Online First. DOI: [10.1021/envhealth.4c00156](https://doi.org/10.1021/envhealth.4c00156) (iii)
13. Li, L., & Loo, B.P.Y.* (2024). Beyond short-term impact of COVID-19 on transport decarbonization: A scenario analysis of passenger and freight transport by mode in China, 2020-2030. *Energy Sustainability and Society*, 14, 56. DOI: [10.1186/s13705-024-00487-8](https://doi.org/10.1186/s13705-024-00487-8) (IF₂₀₂₃=4.6) [Q2; 56.6%⁷](iii)
14. Lian, T., & Loo, B.P.Y.* (2024). Cost of travel delays caused by traffic crashes. *Communications in Transportation Research*, 4, 100124. DOI: [10.1016/j.commtr.2024.100124](https://doi.org/10.1016/j.commtr.2024.100124) (IF₂₀₂₃=12.5) [Q1; 99.1%¹⁰]★(ii + iv)
15. Lian, T., Loo, B.P.Y.*, & Fan, Z. (2024). Advances in estimating pedestrian measures through artificial intelligence: From data sources, computer vision, video analytics to the prediction of crash frequency. *Computers Environment and Urban Systems*, 107, 102057. DOI: [10.1016/j.compenvurbsys.2023.102057](https://doi.org/10.1016/j.compenvurbsys.2023.102057) (IF₂₀₂₃=7.1) [Q1; 97.4%⁶]★●(ii + iv)
16. Loo, B.P.Y., Fan, Z.* & Moro, E. (2024). Residential and experienced social segregation: the roles of different transport modes, metro extensions, and longitudinal changes in Hong Kong. *Humanities & Social Sciences Communications*, 11, 1439. DOI: [10.1057/s41599-024-03963-w](https://doi.org/10.1057/s41599-024-03963-w). (IF₂₀₂₃=3.7) [Q1; 95.2%⁹]★●(i + iv)
17. Loo, B.P.Y., Lian, T.*, & Frank, L.D. (2024). Walking (in)convenience: An in-depth study of pedestrian detours to daily facilities. *Journal of the American Planning Association*, 1-16. DOI: [10.1080/01944363.2024.2310613](https://doi.org/10.1080/01944363.2024.2310613) (IF₂₀₂₃=3.3) [Q1; 82.5%¹³]●(i)
18. Loo, B.P.Y.*, & Ochieng, W.Y. (2024). The nexus of people, environment and infrastructure in future cities (editorial). *Sustainable Cities and Society*, 109, 105501. DOI: [10.1016/j.scs.2024.105501](https://doi.org/10.1016/j.scs.2024.105501) (IF₂₀₂₃=10.5) [Q1; 97.3%¹⁸]★
19. Loo, B.P.Y., & Tsoi, K.H.* (2024). Stressors for bus commuters and ways of improving bus journeys. *Transportation Research Part A-Policy and Practice*, 187, 104164. DOI: [10.1016/j.tra.2024.104164](https://doi.org/10.1016/j.tra.2024.104164) (IF₂₀₂₃=6.3) [Q1; 95.4%²]★(i)
20. Loo, B.P.Y., Tsoi, K.H.*, Feng, X., Zhang, H., Lin, Y., Huang, Z., Laforteza, R., Xu, Z., & Lin, H. (2024). Cities and urbanization: Balancing the environmental and socioeconomic dimensions of sustainability. *Advanced Sustainable Systems*, 2024, 2300401. DOI: [10.1002/adsu.202300401](https://doi.org/10.1002/adsu.202300401) (IF₂₀₂₃=6.5) [Q1; 78.4%²⁰]●(iii)
21. Loo, B.P.Y., & Wang, H.* (2024). Dynamics of in-station time within metro systems: Measurement and determining factors. *Tunnelling and Underground Space Technology*, 153, 106006. DOI: [10.1016/j.tust.2024.106006](https://doi.org/10.1016/j.tust.2024.106006) (IF₂₀₂₃=6.7) [Q1; 95.3%¹⁴]★(i)
22. Loo, B.P.Y., & Zhang, F.* (2024). Design of public open space: Site features, playing, and physical activity. *Health and Place*, 85, 103149. DOI: [10.1016/j.healthplace.2023.103149](https://doi.org/10.1016/j.healthplace.2023.103149) (IF₂₀₂₃=3.8) [Q1; 83.5%¹⁷](iv)
23. Tsoi, K.H.*, & Loo, B.P.Y. (2024). Electrification of road freight transport: A case study of the Greater Bay Area, China. In Cuong, H-M, Cao, H.P., Hanh, T.H.V., & Dat, V.K.H. (Eds.). *Proceedings of the 7th International Conference on Geotechnics, Civil Engineering and Structures, CIGOS 2024, 4-5 April, Ho Chi Minh City, Vietnam* (pp. 807-815). Singapore: Springer Nature. DOI: [10.1007/978-981-97-1972-3_90](https://doi.org/10.1007/978-981-97-1972-3_90) (iii)
24. Wang, B., Feng, X., Loo, B.P.Y., Xue, D., Liu, J.*, & Tong, S. (2024). Hedonic price effects of homeworking under the COVID-19: Evidence from housing markets in Guangzhou, China. *Journal of Housing and the Built Environment, Online First*. DOI: [10.1007/s10901-023-10102-5](https://doi.org/10.1007/s10901-023-10102-5) (IF₂₀₂₃=1.8) [Q2; 55.2%¹³](i)
25. Wang B., Loo, B.P.Y., Liu, J.*, Lei, Y., & Zhou, L. (2024). Urban vibrancy and air pollution: Avoidance behaviour and the built environment. *International Journal of Urban Sciences*, 1-20. DOI: [10.1080/12265934.2024.2320932](https://doi.org/10.1080/12265934.2024.2320932) (IF₂₀₂₃=2.9) [Q1; 81.2%¹³](i + iii)
26. Wang B., Loo, B.P.Y.*, Zhang, F. (2024). Aging in place: Towards understanding momentary wellbeing and daily satisfaction of older people. *Annals of the American Association of*

- Geographers*, 114(9), 2044-2067. DOI: [10.1080/24694452.2024.2370919](https://doi.org/10.1080/24694452.2024.2370919) (IF₂₀₂₃=3.2) [Q1; 88%⁶] ●(i + iv)
27. Wang, H., & Loo, B.P.Y.* (2024). The public transport disadvantaged in a highly transit-oriented city: An analytical framework, key challenges and opportunities. *Journal of Transport Geography*, 120, 103983. DOI: [10.1016/j.jtrangeo.2024.103983](https://doi.org/10.1016/j.jtrangeo.2024.103983) (IF₂₀₂₃=5.7) [Q1; 96.2%⁶] ★(i)
28. Zhang, F., Loo, B.P.Y.*, Lan, H., Chan, A., & Hsiao, J.H. (2024). Jobs-housing balance and travel patterns among different occupations as revealed by Hidden Markov mixture models: The case of Hong Kong. *Transportation*, 51, 1857-1877. DOI: [10.1007/s11116-023-10390-4](https://doi.org/10.1007/s11116-023-10390-4) (IF₂₀₂₃=3.5) [Q2; 75.4%¹¹](i)
29. Zhou, S., Chai, Y.*, Kwan, M.-P., Loo, B.P.Y., Wang, D., Wang, D., Cao, X., Meng, B., Gao, X., Zhang, Y., Wang, F., & Zhu, W. (2024). Theoretical, methodological, and applied frontiers of behavioral geography in China (中國行為地理學的理論與方法研究前沿). *Geographical Research (地理研究)*, 43(9), 2235-2258. (in Chinese)(i)
- 2023**
30. Chu, K.-F., Lam, A.Y.S.*, Tsoi, K.H., Huang, Z., & Loo, B.P.Y. (2023). Deep encoder cross network for estimated time of arrival. *IEEE Access*, 11, 76095-76107. DOI: [10.1109/ACCESS.2023.3294345](https://doi.org/10.1109/ACCESS.2023.3294345) (IF₂₀₂₃=3.4) [Q2; 65.5%²⁹](i + iv)
31. Fan, Z., Zhang, F.*, Loo, B.P.Y., & Ratti, C. (2023). Urban visual intelligence: Uncovering hidden city profiles with street view images. *Proceedings of the National Academy of Sciences of the United States of America, PNAS*, 120 (7), e2220417120. DOI: [10.1073/pnas.2220417120](https://doi.org/10.1073/pnas.2220417120) (IF₂₀₂₃=9.4) [Q1; 90.7%²⁰] ★♥(iv)
32. Guo, C., Lanza, K., Li, D., Zhou, Y., Aunan, K., Loo, B.P.Y., Lee, J., Luo, B., Duan, X., Zhang, W., Zhang, Z., Lin, S., & Zhang, K.* (2023). Impact of heat on all-cause and cause-specific mortality: A multi-city study in Texas. *Environmental Research*, 224, 115456. DOI: [10.1016/j.envres.2023.115453](https://doi.org/10.1016/j.envres.2023.115453) (IF₂₀₂₃=7.7) [Q1; 96.4%¹⁷] ★(iii)
33. Huang, Z., & Loo, B.P.Y.* (2023). Vulnerability assessment of urban rail transit in face of disruptions: A framework and some lessons from Hong Kong. *Sustainable Cities and Society*, 98, 104858. DOI: [10.1016/j.scs.2023.104858](https://doi.org/10.1016/j.scs.2023.104858) (IF₂₀₂₃=10.5) [Q1; 97.3%¹⁸] ★●(i)
34. Huang, Z., & Loo, B.P.Y.* (2023). Urban traffic congestion in twelve large metropolitan cities: A thematic analysis of local news contents, 2009-2018. *International Journal of Sustainable Transportation*, 17(6), 592-614. DOI: [10.1080/15568318.2022.2076633](https://doi.org/10.1080/15568318.2022.2076633) (IF₂₀₂₃=3.1) [Q2; 60.2%⁴] ●(i + iv)
35. Huang, Z.*, Loo, B.P.Y., & Axhausen, K.W. (2023). Travel behaviour changes under work-from-home (WFH) arrangements during COVID-19. *Travel Behaviour and Society*, 30, 202-211. DOI: [10.1016/j.tbs.2022.09.006](https://doi.org/10.1016/j.tbs.2022.09.006) (IF₂₀₂₃=5.1) [Q1; 81.6%¹⁰](i)
36. Loo, B.P.Y., & Fan, Z.* (2023). Social interaction in public space: Spatial edges, moveable furniture, and visual landmarks. *Environment and Planning B-Urban Analytics and City Science*, 50(9), 2510-2526. DOI: [10.1177/23998083231160549](https://doi.org/10.1177/23998083231160549) (IF₂₀₂₃=2.6) [Q1; 79.2%⁶] ●(iv)
37. Loo, B.P.Y., Fan, Z.*, Lian, T., & Zhang, F. (2023). Using computer vision and machine learning to improve bus safety. *Accident Analysis and Prevention*, 185, 107017. DOI: [10.1016/j.aap.2023.107017](https://doi.org/10.1016/j.aap.2023.107017) (IF₂₀₂₃=5.7) [Q1; 98.7%⁶] ★♥☹(ii)
38. Loo, B.P.Y., & Huang, Z.* (2023). Location matters: High-speed railway (HSR) stations in city evolution. *Cities*, 139, 104380. DOI: [10.1016/j.cities.2023.104380](https://doi.org/10.1016/j.cities.2023.104380) (IF₂₀₂₃=6) [Q1; 94.2%¹³] ★●(iii)
39. Loo, B.P.Y., Li, L.*, & Namdeo, A. (2023). Reducing road transport emissions for climate policy in China and India. *Transportation Research Part D-Transport and Environment*, 122, 103895. DOI: [10.1016/j.trd.2023.103895](https://doi.org/10.1016/j.trd.2023.103895) (IF₂₀₂₃=7.3) [Q1; 92.1%¹⁰] ★●(iii)
40. Loo, B.P.Y., Li, X.*, & Wong, R.W.M. (2023). Environmental comparative case studies on modular integrated construction and cast-in-situ construction methods. *Journal of Cleaner Production*, 428, 139303. DOI: [10.1016/j.jclepro.2023.139303](https://doi.org/10.1016/j.jclepro.2023.139303) (IF₂₀₂₃=9.7) [Q1; 93.4%³] ★●(iii)
41. Loo, B.P.Y., Tsoi, K.H.*, Axhausen, K.W., Cao, M., Lee, Y., & Koh, K.P. (2023). Spatial risk for a superspreading environment: Insights from six urban facilities in six global cities across four continents. *Frontiers in Public Health*, 11, 1128889. DOI: [10.3389/fpubh.2023.1128889](https://doi.org/10.3389/fpubh.2023.1128889) (IF₂₀₂₃=3) [Q2; 71.8%¹⁷] ●(ii)

42. Loo, B.P.Y., & Wong, R.W.M.* (2023). Towards a conceptual framework of using technology to support smart construction: The case of modular integrated construction (MiC). *Buildings*, 13(2), 372. DOI: [10.3390/buildings13020372](https://doi.org/10.3390/buildings13020372) (IF₂₀₂₃=3.1) [Q1; 72.1%¹⁴](iv)
43. Tsoi, K.H., & Loo, B.P.Y.* (2023). A people-environment framework in evaluating transport stress among rail commuters. *Transportation Research Part D-Transport and Environment*, 121, 103833. DOI: [10.1016/j.trd.2023.103833](https://doi.org/10.1016/j.trd.2023.103833) (IF₂₀₂₃=7.3) [Q1; 92.1%¹⁰]*●(i)
44. Tsoi, K.H., Loo, B.P.Y.*, Li, X., & Zhang, K. (2023). The co-benefits of electric mobility in reducing traffic noise and chemical air pollution: Insights from a transit-oriented city. *Environment International*, 178, 108116. DOI: [10.1016/j.envint.2023.108116](https://doi.org/10.1016/j.envint.2023.108116) (IF₂₀₂₃=10.3) [Q1; 94.3%³]*●(iii)
45. Wang, H., Li, J., Wang, P., Teng, J.*, & Loo, B.P.Y. (2023). Adaptability analysis methods of demand responsive transit: A review and future directions. *Transport Reviews*, 43(4), 676-697. DOI: [10.1080/01441647.2023.2165574](https://doi.org/10.1080/01441647.2023.2165574) (IF₂₀₂₃=9.5) [Q1; 95.6%¹⁰]*●(i)
46. Zhang, F., & Loo, B.P.Y.* (2023). Open space dynamics during coronavirus disease-2019. *Proceedings of the Institution of Civil Engineers-Municipal Engineer*, 176(4), 196-210. DOI: [10.1680/jmuen.23.00020](https://doi.org/10.1680/jmuen.23.00020) (IF₂₀₂₃=1.0) [Q4; 22.4%¹⁴](iv)
- 2022**
47. Fan, Z., Zhang, F., & Loo, B.P.Y.* (2022). Rhythm of transit stations - Uncovering the activity-travel dynamics of transit-oriented development in the U.S. *IEEE Transactions on Intelligent Transportation Systems*, 23(8), 12503-12517. DOI: [10.1109/TITS.2021.3115103](https://doi.org/10.1109/TITS.2021.3115103) (IF₂₀₂₃=7.9) [Q1; 97.5%¹⁴]*●(i)
48. Hess, S.*, Lancsar, E., Mariel, P., Meyerhoff, J., Song, F., van den Broek-Altenburg, E., Alaba, O.A., Amaris, G., Arellana, J., Basso, L.J., Benson, J., Bravo-Moncayo, L., Chanel, O., Choi, S., Crastes, R., Cybis, H.B., Dorner, Z., Falco, P., Garzón-Pérez, L., Glass, K., Guzman, L.A., Huang, Z., Huynh, E., Kim, B., Konstantinus, A., Konstantinus, I., Larranaga, A.M., Longo, A., Loo, B.P.Y., Moyo, H.T., Oehlmann, M., O'Neill, V., Ortúzar, J. de D., Sanz Sánchez, M.J., Sarmiento, O.L., Tucker, S., Wang, Y., Wang, Y., Webb, E.J.D., Zhang, J. & Zuidgeest M. (2022). The path towards herd immunity: Predicting COVID-19 vaccination uptake through results from a stated choice study across six continents. *Social Science and Medicine*, 298, 114800. DOI: [10.1016/j.socscimed.2022.114800](https://doi.org/10.1016/j.socscimed.2022.114800) (IF₂₀₂₃=4.9) [Q1; 92.4%¹⁹]*●(ii)
49. Jones, P., Loo, B.P.Y.*, & Zhao, P. (2022). Cities for people: Reclaiming the city (editorial). *Journal of Transport Geography*, 105, 103486. DOI: [10.1016/j.jtrangeo.2022.103486](https://doi.org/10.1016/j.jtrangeo.2022.103486) (IF₂₀₂₃=5.7) [Q1; 96.2%⁶]*●(i)
50. Koh, K.*, Tang, K.C., Axhausen, K., & Loo, B.P.Y. (2022). A metropolitan-scale, three-dimensional agent-based model to assess the effectiveness of the Covid-19 Omicron wave interventions in a hyperdense city: A case study of Hong Kong. *International Journal of Infectious Diseases*, 122, 534-536. DOI: [10.1016/j.ijid.2022.06.042](https://doi.org/10.1016/j.ijid.2022.06.042) (IF₂₀₂₃=4.8) [Q1; 87.5%¹²](ii)
51. Loo, B.P.Y., & Axhausen, K. (2022). Getting out of energy-intensive and “dirty” transport. *Innovation*, 3(6), 100339. DOI: [10.1016/j.xinn.2022.100339](https://doi.org/10.1016/j.xinn.2022.100339) (IF₂₀₂₃=33.2) [Q1; 97.4%²⁰]*●●(iii)
52. Loo, B.P.Y., & Huang, Z.* (2022). Spatio-temporal variations of traffic congestion under work from home (WFH) arrangements: Lessons learned from COVID-19. *Cities*, 124, 103610. DOI: [10.1016/j.cities.2022.103610](https://doi.org/10.1016/j.cities.2022.103610) (IF₂₀₂₃=6) [Q1; 94.2%¹³]*●(i)
53. Loo, B.P.Y., & Tsoi, K.H.* (2022). Road safety strategies necessary in the second Decade of Road Safety. *Journal of Global Health*, 12, 03081. DOI: [10.7189/jogh.12.03081](https://doi.org/10.7189/jogh.12.03081) (IF₂₀₂₃=4.5) [Q1; 89.5%¹⁷]*●(ii)
54. Tsoi, K.H., & Loo, B.P.Y.* (2022). Bus bunching from a stop-based perspective: Insights from visual analytics. *Proceedings of the Institution of Civil Engineers-Municipal Engineer*, 175(1), 2-15. DOI: [10.1680/jmuen.21.00026](https://doi.org/10.1680/jmuen.21.00026) (IF₂₀₂₃=1) [Q4; 22.4%¹⁴](iv)
55. Tsoi, K.H., Loo, B.P.Y.*, Tal, G., & Sperling, D. (2022). Pioneers of electric mobility: Lessons about transport decarbonisation from two bay areas. *Journal of Cleaner Production*, 330, 129866. DOI: [10.1016/j.jclepro.2021.129866](https://doi.org/10.1016/j.jclepro.2021.129866) (IF₂₀₂₃=9.7) [Q1; 93.4%³]*●●(iii)
56. Wang, B., Loo, B.P.Y.*, & Huang, G. (2022). Becoming smarter through smart city pilot projects: Experiences and lessons from China since 2013. *Journal of Urban Technology*, 29(4), 3-24. DOI: [10.1080/10630732.2021.1962695](https://doi.org/10.1080/10630732.2021.1962695) (IF₂₀₂₃=4.6) [Q1; 90.3%¹³]*●(iv)

57. Wong, R.W.M., & Loo, B.P.Y.* (2022). Sustainability implications of using precast concrete in construction: An in-depth project-level analysis spanning two decades. *Journal of Cleaner Production*, 378, 134486. DOI: [10.1016/j.jclepro.2022.134486](https://doi.org/10.1016/j.jclepro.2022.134486) (IF₂₀₂₃=9.7) [Q1; 93.4%³] ●●(iii)
58. Yan, W., Wong, S.C., Loo, B.P.Y., Wu, C.Y.H., Huang, H., Peng, X., & Meng, F.* (2022). An assessment of the effect of green signal countdown timers on drivers' behavior and on road safety at intersections, based on driving simulator experiments and naturalistic observation studies. *Journal of Safety Research*, 82, 1-12. DOI: [10.1016/j.jsr.2022.04.001](https://doi.org/10.1016/j.jsr.2022.04.001) (IF₂₀₂₃=3.9) [Q1; 97.1%⁹] ●(ii)
59. Zhang, F., Loo, B.P.Y.*, & Wang, B. (2022). Aging in place: From the neighborhood environment, sense of community to life satisfaction. *Annals of the American Association of Geographers*, 112(5), 1484-1499. DOI: [10.1080/24694452.2021.1985954](https://doi.org/10.1080/24694452.2021.1985954) (IF₂₀₂₃=3.2) [Q1; 88%⁶](i)
- 2021**
60. Fan, Z., & Loo, B.P.Y.* (2021). Street life and pedestrian activities in smart cities: Opportunities and challenges for computational urban science. *Computational Urban Science*, 1, 26. DOI: [10.1007/s43762-021-00024-9](https://doi.org/10.1007/s43762-021-00024-9) (IF₂₀₂₃=2.6) [Q2; 60.2%¹⁵](i+iv)
61. Lam, Y.F.*, Chang, J.M.H., Loo, B.P.Y., Zhang, H., Leung, K.K.M., & Axhausen, K. (2021). Screening approach for short-term PM2.5 health co-benefit: A case study from 15 metropolitan cities around the world during the CO-VID-19 pandemic. *Atmosphere*, 13(1), 18. DOI: [10.3390/atmos13010018](https://doi.org/10.3390/atmos13010018) (IF₂₀₂₃=2.5) [Q3; 42.3%³⁰](i)
62. Leung, K.Y.K.*, Loo, B.P.Y., Tsui, K.L., So F.L., & Fok, E. (2021). To cross or not to cross: A closer look at children's decision-making on the road. *Transportation Research Part A-Policy and Practice*, 149, 1-11. DOI: [10.1016/j.tra.2021.04.011](https://doi.org/10.1016/j.tra.2021.04.011) (IF₂₀₂₃=6.3) [Q1; 95.4%²] ●(ii)
63. Loo, B.P.Y.* (2021). Walking towards a happy city. *Journal of Transport Geography*, 93, 103078. DOI: [10.1016/j.jtrangeo.2021.103078](https://doi.org/10.1016/j.jtrangeo.2021.103078) (IF₂₀₂₃=5.7) [Q1; 96.2%⁶] ●●(i)
64. Loo, B.P.Y., & Huang, Z.* (2021). Delineating traffic congestion zones in cities: An effective approach based on GIS. *Journal of Transport Geography*, 94, 103108. DOI: [10.1016/j.jtrangeo.2021.103108](https://doi.org/10.1016/j.jtrangeo.2021.103108) (IF₂₀₂₃=5.7) [Q1; 96.2%⁶] ●(iv)
65. Loo, B.P.Y., Tsoi, K.H., Wong, P.P.Y., & Lai, P.C.* (2021). Identification of superspreading environment under COVID-19 through human mobility data. *Scientific Reports*, 11, 4699. DOI: [10.1038/s41598-021-84089-w](https://doi.org/10.1038/s41598-021-84089-w) (IF₂₀₂₃=3.8) [Q1; 81.7%²⁰] ●(ii + iv)
66. Loo, B.P.Y.*, Zhang, F., Hsiao, J.H., Chan, A.B., & Lan, H. (2021). Applying the Hidden Markov Model to analyse urban mobility patterns: An interdisciplinary approach. *Chinese Geographical Science*, 31, 1-13. DOI: [10.1007/s11769-021-1173-0](https://doi.org/10.1007/s11769-021-1173-0) (IF₂₀₂₃=3.4) [Q2; 57.1%³](i)
67. Olsen, J.R.*, Leung, K.Y.K., Nicholls, N., & Loo, B.P.Y. (2021). Do neighbourhood characteristics matter in understanding school children's active lifestyles? A cross-region multi-city comparison of Glasgow, Edinburgh and Hong Kong. *Childrens Geographies*, 19(4), 488-504. DOI: [10.1080/14733285.2020.1828826](https://doi.org/10.1080/14733285.2020.1828826) (IF₂₀₂₃=1.9) [Q2; 67%⁶](i + ii)
68. Swift, A., Cheng, L.*, Loo, B.P.Y., Cao, M., & Witlox, F. (2021). Step-free railway station access in the UK: The true value of inclusive design. *European Transport Research Review*, 13, 45. DOI: [10.1186/s12544-021-00504-3](https://doi.org/10.1186/s12544-021-00504-3) (IF₂₀₂₃=5.1) [Q1; 81.6%¹⁰](i)
69. Tsoi, K.H., Loo, B.P.Y.*, & Banister, D. (2021). "Mind the (Policy-Implementation) gap": Transport decarbonisation policies and performances of leading global economies (1990-2018). *Global Environmental Change-Human and Policy Dimensions*, 68, 102250. DOI: [10.1016/j.gloenvcha.2021.102250](https://doi.org/10.1016/j.gloenvcha.2021.102250) (IF₂₀₂₃=8.6) [Q1; 99.7%⁶] ●●(iii)
70. Tsoi, K. H., & Loo, B.P.Y.* (2021). Cutting the loss: International benchmarking of a sustainable ferry business model. *Transportation Research Part A: Policy and Practice*, 145, 167-188. DOI: [10.1016/j.tra.2021.01.007](https://doi.org/10.1016/j.tra.2021.01.007) (IF₂₀₂₃=6.3) [Q1; 95.4%²] ●●(i + iii)
71. Tsoi, K.H., & Loo, B.P.Y.* (2021). Public transport and the environment. In Mulley, C., Nelson, J., & Ison, S. (Eds.). *The Routledge Handbook of Public Transport* (pp. 93-106). London: Routledge. (i+iii)
72. Zhang, F., & Loo, B.P.Y.* (2021). Transport demand management. In Vickerman, R.W. (Ed.). *International Encyclopedia of Transportation* (volume 4, pp. 537-543). n.p.:Elsevier. DOI: [10.1016/B978-0-08-102671-7.10380-X](https://doi.org/10.1016/B978-0-08-102671-7.10380-X) (i)
73. Zhang, H., Lin, Y., Wei, S., Loo, B.P.Y., Lai, P.C., Lam, Y.F.*, Wan, L., & Li, Y. (2021). Global association among satellite-derived nitrogen dioxide and lockdown policies under the COVID-19 pandemic.

Science of the Total Environment, 761, 144148. DOI: [10.1016/j.scitotenv.2020.144148](https://doi.org/10.1016/j.scitotenv.2020.144148) (IF₂₀₂₃=8.2) [Q1; 91.5%³] (i + ii)

2020

74. Lam, W. W.Y., Loo, B.P.Y.*, & Mahendran, R. (2020). Neighbourhood environment and depressive symptoms among the elderly in Hong Kong and Singapore. *International Journal of Health Geographics*, 19, 48. DOI:[10.1186/s12942-020-00238-w](https://doi.org/10.1186/s12942-020-00238-w) (IF₂₀₂₃=3) [Q2; 71.8%¹⁷](i + ii)
75. Leung, K.Y.K.*, & Loo, B.P.Y. (2020). Determinants of children's active travel to school: A case study in Hong Kong. *Travel Behaviour and Society*, 21, 79-89. DOI: [10.1016/j.tbs.2020.05.009](https://doi.org/10.1016/j.tbs.2020.05.009) (IF₂₀₂₃=5.1) [Q1; 81.6%¹⁰](i)
76. Loo, B.P.Y. (2020). Transport, Urban. In Kobayashi, A. (Ed.). *International Encyclopedia of Human Geography*, second edition (vol. 13, pp. 457-462). Oxford: Elsevier. <https://dx.doi.org/10.1016/B978-0-08-102295-5.10352-X>. ISBN: 9780081022955 (i)
77. Loo, B.P.Y., Leung, K.Y.K.*, & Chan, F.C.H. (2020). How short-term cycling training promotes cycling among schoolchildren in high-density cities. *International Journal of Sustainable Transportation*, 14(11), 872-885. DOI: [10.1080/15568318.2019.1642971](https://doi.org/10.1080/15568318.2019.1642971) (IF₂₀₂₃=3.1) [Q2; 60.2%⁴](i + ii)
78. Loo, B.P.Y., Tsoi, K.H.*, & Banister, D. (2020). Recent experiences and divergent pathways to transport decoupling. *Journal of Transport Geography*, 88, 102826. DOI: [10.1016/j.jtrangeo.2020.102826](https://doi.org/10.1016/j.jtrangeo.2020.102826) (IF₂₀₂₃=5.7) [Q1; 96.2%⁶] (iii)
79. Satria, R., Tsoi, K.H.*, Castro, M., & Loo, B.P.Y. (2020). A combined approach to address road traffic crashes beyond cities: Hot zone identification and countermeasures in Indonesia. *Sustainability*, 12, 1801, 1-19. DOI:[10.3390/su12051801](https://doi.org/10.3390/su12051801) (IF₂₀₂₃=3.3) [Q2; 64%⁴](ii)
80. Tsoi, K.H., & Loo, B.P.Y.* (2020). Generational change and travel. In Curtis, C. (Ed.) *Handbook of Sustainable Transport* (pp. 357-367). n.p.: Edward Elgar. (i)
81. Wang, B., Loo, B.P.Y.*, Zhen, F., & Xi, G. (2020). Urban resilience from the lens of social media data: Responses to urban flooding in Nanjing, China. *Cities*, 106, 102884. DOI: [10.1016/j.cities.2020.102884](https://doi.org/10.1016/j.cities.2020.102884) (IF₂₀₂₃=6) [Q1; 94.2%¹³] (iv)
82. Wang, B., Loo, B.P.Y.*, & Lu, L. (2020). Situating high-speed railway (HSR) stations within local urban contexts: Passenger satisfaction about intermodal integration at the Hong Kong HSR Station. *Built Environment*, 46(3), 362-378. DOI: [10.2148/benv.46.3.362](https://doi.org/10.2148/benv.46.3.362) (i)

2019









83. Chu, K.-F.*, Lam, A.Y.S., Loo, B.P.Y., & Li, V.O.K. (2019). Public transport waiting time estimation using semi-supervised graph convolutional networks. *2019 IEEE Intelligent Transportation Systems Conference (ITSC), Auckland, New Zealand, 2019, pp. 2259-2264*. DOI: [10.1109/ITSC.2019.8917286](https://doi.org/10.1109/ITSC.2019.8917286). (iv)
84. Grubenmann, T., Tsoi, K.H., & Loo, B.P.Y. (2019). Hotzone generation add-in for ArcGIS. Available at <http://arcgis.com/arcgis/1T0bKv> (Free download) (ii)
85. Huang, X., Loo, B.P.Y.*, Zhao, Y., & Chow, A.S.Y. (2019). Incorporating personal experience in free-choice environmental learning: Lessons from a zoological theme park. *Environmental Education Research*, 25(8), 1250-1266. DOI: [10.1080/13504622.2019.1569203](https://doi.org/10.1080/13504622.2019.1569203) (IF₂₀₂₃=2.6) [Q2; 84.2%²¹](i)
86. Leung, K.Y.K., Astroza, S., Loo, B.P.Y.*, & Bhat, C.R. (2019). An environment-people interactions framework for analysing children's extra-curricular activities and active transport. *Journal of Transport Geography*, 74, 341-358. DOI:[10.1016/j.jtrangeo.2018.12.015](https://doi.org/10.1016/j.jtrangeo.2018.12.015) (IF₂₀₂₃=5.7) [Q1; 96.2%⁶] (i)
87. Loo, Becky P. Y.*, & Siiba, A. (2019). Active transport in Africa and beyond: Towards a strategic framework. *Transport Reviews*, 39(2), 181-203. DOI: [10.1080/01441647.2018.1442889](https://doi.org/10.1080/01441647.2018.1442889) (IF₂₀₂₃=9.5) [Q1; 95.6%¹⁰] (i)
88. Loo, B.P.Y.*, & Tang, W.S.M. (2019). "Mapping" smart cities. *Journal of Urban Technology*, 26(2), 129-146. DOI: [10.1080/10630732.2019.1576467](https://doi.org/10.1080/10630732.2019.1576467) (IF₂₀₂₃=4.6) [Q1; 90.3%¹³] (iv)
89. Nair, G.S., Bhat, C.R.*, Pendyala, R.M., Loo, B.P.Y., & Lam, W.H.K. (2019). On the use of probit cased models for ranking data analysis. *Transportation Research Record*, 2673(4), 229-240. DOI:[10.1177/0361198119838987](https://doi.org/10.1177/0361198119838987) (IF₂₀₂₃=1.6) [Q3; 40.6%¹⁴](i)

90. Wang, B., & Loo, B.P.Y.* (2019). The hierarchy of cities in Internet news media and Internet search: Some insights from China. *Cities*, 84, 121-133. DOI:10.1016/j.cities.2018.07.013 (IF₂₀₂₃=6) [Q1; 94.2%¹³]★(iv)
91. Wang, B., & Loo, B.P.Y.* (2019). Travel time use and its impact on high-speed-railway passengers' travel satisfaction in the e-society. *International Journal of Sustainable Transportation*, 23(3), 197-209. DOI: 10.1080/15568318.2018.1459968 (IF₂₀₂₃=3.1) [Q2; 60.2%⁴](i + iv)
92. Wang, B., Loo, B.P.Y.*, Cao, Y., & Zhen, F. (2019). 中國養老政策演進及智慧社會下居家養老發展對策探索 (An overview of China's policy on older adults and towards a new framework of supporting aging-in-place in the e-society) *科技導報 (Science & Technology Review)*, 37(6), 6-12. DOI: 10.3981/j.issn.1000-7857.2019.06.001 (in Chinese)(iv)
- 2018**
93. Bryson, J.R.*, Mulhall, R.A., Song, M., Loo, B.P.Y., Dawson, R.J., & Rogers, C.D.F. (2018). Alternative-substitute business models and the provision of local infrastructure: Alterity as a solution to financialization and public-sector failure. *Geoforum*, 95, 25-34. DOI: 10.1016/j.geoforum.2018.06.022 (IF₂₀₂₃=3.4) [Q1; 89.8%⁶](i)
94. Loo, B.P.Y.* (2018). Realising car-free developments within compact cities. *Proceedings of the Institution of Civil Engineers-Municipal Engineer*, 171(ME1), 41-50. DOI: 10.1680/jmuen.16.00060 (IF₂₀₂₃=1) [Q4; 22.4%¹⁴](i)
95. Loo, B.P.Y.*, Bryson, J.R., Song, M., & Harris, C. (2018). Risking multi-billion decisions on underground railways: Land value capture, differential rent and financialization in London and Hong Kong. *Tunnelling and Underground Space Technology*, 81, 403-412. DOI: 10.1016/j.tust.2018.07.011 (IF₂₀₂₃=6.7) [Q1; 95.3%¹⁴]★●(i)
96. Loo, B.P.Y.*, & Tsoi, K.H. (2018). The sustainable transport pathway: A holistic strategy of five transformations. *Journal of Transport and Land Use*, 11(1), 961-980. DOI: 10.5198/jtlu.2018.1354 (IF₂₀₂₃=1.6) [Q4; 23.7%¹⁰]●(iii)
97. Loo, B.P.Y., & Wang, B.* (2018). Factors associated with home-based e-working and e-shopping in Nanjing, China. *Transportation*, 45(2), 365-384. DOI: 10.1007/s11116-017-9792-0 (IF₂₀₂₃=3.5) [Q1; 75.4%¹⁴]●(iv)
98. Loo, B.P.Y.*, & Wang, B. (2018). 從區域一體化看融合交通: 以粵港澳大灣區和港深廣高鐵線為例 (The importance of integrated transport in fostering the formation of the Guangdong-Hong Kong-Macao Greater Bay Area). *地理科學進展 (Progress in Geography)*, 37(12), 1623-1632. DOI: 10.18306/dlkxjz.2018.12.004 (in Chinese)(iii)
99. Wang, B., Loo, B.P.Y.*, & Zhen, F. (2018). 智慧社會下的城市地理學研究: 基於居民活動的視角 (Urban geographical research in smart cities: Insights from residents' activities). *地理研究 (Geographical Research)*, 37, 2075-2086. (in Chinese)(iv)
100. Wang, B., Zhen, F.*, & Loo, B.P.Y. (2018). The role of distance in online social networks: A case study of urban residents in Nanjing, China. *Cities*, 79, 37-44. DOI: 10.1016/j.cities.2018.02.020 (IF₂₀₂₃=6) [Q1; 94.2%¹³]★●(iv)
101. Wang, B., Zhen, F.*, & Loo, B.P.Y. (2018). 美國《科技與未來城市報告》分析及對中國智慧城市建設的啟示 (China's smart city development: Reflections after reading the American Report on "Technology and Future of Cities"). *科技導報 (Science & Technology Review)*, 36(18), 1-10. (in Chinese)(iv)
- 2017**
102. Chow, A.S.Y.*, & Loo, B.P.Y. (2017). Higher education activities in world cities: A spatial study of global leadership and connectivity. In Mok, K.H. (Ed.). *Managing International Connectivity, Diversity of Learning and Changing Labour Markets: East Asian Perspective* (pp. 91-104). Singapore: Springer. (i)
103. Cui, J., Loo, B.P.Y.*, & Lin, D. (2017). Travel behaviour and mobility needs of older adults in an ageing and car-dependent society. *International Journal of Urban Sciences*, 21(2), 109-128. DOI: 10.1080/12265934.2016.1262785 (IF₂₀₂₃=2.9) [Q1; 81.2%¹³](i)

104. *Leung, K.Y.K., & Loo, B.P.Y.** (2017). Association of children's mobility and wellbeing: A case study in Hong Kong. *Travel Behaviour and Society*, 9, 95-104. DOI:10.1016/j.tbs.2017.07.004 (IF₂₀₂₃=5.1) [Q1; 81.6%¹⁰](i + ii)
105. *Li, L., & Loo, B.P.Y.** (2017). Geography of railroads. In Warf, B. (Ed.). *Handbook on Geographies of Technology* (pp. 242-253). Cheltenham: Edward Elgar. (iii)
106. *Li, L.*, & Loo, B.P.Y.* (2017). Mobility impairment, social engagement, and life satisfaction among the older population in China: A structural equation modelling analysis. *Quality of Life Research*, 26(5), 1273-1282. DOI: 10.1007/s11136-016-1444-x (IF₂₀₂₃=3.3) [Q1; 83.5%⁸] (i + ii)
107. *Li, L., & Loo, B.P.Y.** (2017). Rail transport: Passenger. In Richardson, D., Castree, N., Goodchild, M.F., Kobayashi, A., Liu, W., & Marston, R.A. (Eds.). *International Encyclopaedia of Geography*. n.p.: John Wiley & Sons. DOI: 10.1002/9781118786352.wbieg0208 (iii)
108. *Li, L.*, & Loo, B.P.Y.* (2017). Railway development and air patronage in China, 1993-2012: Implications for low-carbon transport. *Journal of Regional Science*, 57(3), 507-522. DOI: 10.1111/jors.12276 (IF₂₀₂₃=3.2) [Q1; 82%²] (iii)
109. *Loo, B.P.Y.*, Cheng, A.H.T., & Nichols, S.L.* (2017). Transit-oriented development on greenfield versus infill sites: Some lessons from Hong Kong. *Landscape and Urban Planning*, 167, 37-48. DOI: 10.1016/j.landurbplan.2017.05.013 (IF₂₀₂₃=7.9) [Q1; 98.5%⁶] * (i)
110. *Loo, B.P.Y.* & Frederic du Verle* (2017). Transit-oriented development in future cities: Towards a two-level sustainable mobility strategy. *International Journal of Urban Sciences*, 21(Supp 1), 54-67. DOI: 10.1080/12265934.2016.1235488 (IF₂₀₂₃=2.9) [Q1; 81.2%¹³] * (i)
111. *Loo, B.P.Y.*, Lam, W.W.Y., Mehandran, R., & Katagiri, K.* (2017). How is the neighbourhood environment related to the health of seniors in Hong Kong, Singapore and Tokyo? Some insights for promoting ageing-in-place. *Annals of the American Association of Geographers*, 107(4), 812-828. DOI: 10.1080/24694452.2016.1271306 (IF₂₀₂₃=3.2) [Q1; 88%⁶] * (i + ii)
112. *Loo, B.P.Y.*, & Leung, K.Y.K.* (2017). Transport resilience: The Occupy Central Movement in Hong Kong from another perspective. *Transportation Research Part A: Policy and Practice*, 106, 100-115. DOI: 10.1016/j.tra.2017.09.003 (IF₂₀₂₃=6.3) [Q1; 95.4%²] * (i)
113. *Loo, B.P.Y.*, Mehandran, R., Katagiri, K., & Lam, W.W.Y.* (2017). Walking, neighbourhood environment and quality of life among older people. *Current Opinion in Environmental Sustainability*, 25, 8-13. DOI: 10.1016/j.cosust.2017.02.005 (IF₂₀₂₃=6.6) [Q1; 87%³](i + ii)
114. *Loo, B.P.Y.*, & Wang, B.* (2017). Progress of e-development in China since 1998. *Telecommunications Policy*, 41, 731-742. DOI: 10.1016/j.telpol.2017.03.001 (IF₂₀₂₃=5.9) [Q1; 98.5%²²] * (iv)
115. *Wang, B., & Loo, B.P.Y.** (2017). Hubs of Internet entrepreneurs: The emergence of coworking offices in Shanghai, China. *Journal of Urban Technology*, 24(3), 67-84. DOI:10.1080/10630732.2017.1285124 (IF₂₀₂₃=4.6) [Q1; 90.3%¹³] * (iv)
116. [Reprinted in: Armondi, S., & Di Vita, S. (Eds.) (2018) *New Urban Geographies of the Creative and Knowledge Economies*. London & New York: Routledge. (ISBN: 9780815358824)].
117. *Wu, C.Y.H., & Loo, B.P.Y.** (2017). Changes in novice motorcyclist safety in Hong Kong after the Probationary Driving License Scheme. *Transportmetrica A-Transport Science*, 13(5), 435-448. DOI: 10.1080/23249935.2017.1289277 (IF₂₀₂₃=3.6) [Q2; 66%⁴](ii)

2016

118. *Li, L.*, & Loo, B.P.Y.* (2016). Impact analysis of airport infrastructure within a sustainability framework: Case studies on the Hong Kong International Airport. *International Journal of Sustainable Transportation*, 10(9), 781-793. DOI: 10.1080/15568318.2016.1149647 (IF₂₀₂₃=3.1) [Q2; 60.2%⁴](iii)
119. *Li, L.*, & Loo, B.P.Y.* (2016). Towards people-centered integrated transport: A case study of Shanghai Hongqiao Comprehensive Transport Hub. *Cities*, 58, 50-58. DOI: 10.1016/j.cities.2016.05.003 (IF₂₀₂₃=6) [Q1; 94.2%¹³] * (i + iii)
120. *Li, L., & Loo, B.P.Y.** (2016). 中國客運交通的碳排放地理特徵與展望 (Carbon dioxide emissions from urban transport in China: Geographical characteristics and future challenges). *地理研究 (Geographical Research)*, 25(7), 1230-1242. DOI: 10.11821/dlyj201607002 (in Chinese)(iii)

121. Loo, B.P.Y.*, & Banister, D. (2016). Decoupling transport from economic growth: Extending the debate to include environmental and social externalities. *Journal of Transport Geography*, 57, 134-144. DOI: [10.1016/j.jtrangeo.2016.10.006](https://doi.org/10.1016/j.jtrangeo.2016.10.006) (IF₂₀₂₃=5.7) [Q1; 96.2%⁶]   (iii)
122. Loo, B.P.Y.*, & Tsui, K.L. (2016). Contributory factors to critically wrong road-crossing judgments among older people: An integrated research study. *Hong Kong Journal of Emergency Medicine*, 23(1), 13-24. PDF (IF₂₀₂₃=0.8) [Q4; 25%²³](ii)
123. Wu, C.Y.H.*, & Loo, B.P.Y. (2016). Motorcycle safety among motorcycle taxi drivers and non-occupational motorcyclists in developing countries: A case study of Maoming, South China. *Traffic Injury Prevention*, 17(2), 170-175. DOI: [10.1080/15389588.2015.1048336](https://doi.org/10.1080/15389588.2015.1048336) (IF₂₀₂₃=1.6) [Q3; 32.4%¹⁷](ii)
124. Yang, Z.*, & Loo, B.P.Y. (2016). Land use and traffic collisions: A link-attribute analysis using Empirical Bayes Method. *Accident Analysis and Prevention*, 95, 236-249. DOI: [10.1016/j.aap.2016.07.002](https://doi.org/10.1016/j.aap.2016.07.002) (IF₂₀₂₃=5.7) [Q1; 98.7%⁹]  (ii)
125. Yao, S., & Loo, B.P.Y.* (2016). Safety in numbers for cyclists beyond national-level and city-level Data: A study on the non-linearity of risk within the city of Hong Kong. *Injury Prevention*, 22, 379-385. DOI: [10.1136/injuryprev-2016-041964](https://doi.org/10.1136/injuryprev-2016-041964) (IF₂₀₂₃=2.5) [Q2; 61.2%¹⁷]  (ii)
126. Yao, S., Loo, B.P.Y.*, & Yang, B.Z. (2016). Traffic collisions in space: Four decades of advancement in applied GIS. *Annals of GIS*, 22(1), 1-14. DOI: [10.1080/19475683.2015.1085440](https://doi.org/10.1080/19475683.2015.1085440) (IF₂₀₂₃=2.7) [Q1; 81%⁶](ii)
- 2015**
127. Cheng, Y.-S., Loo, B.P.Y., & Vickerman, R.* (2015). High-speed rail networks, economic integration and regional specialisation in China and Europe. *Travel Behaviour and Society*, 2(1), 1-14. DOI: [10.1016/j.tbs.2014.07.002](https://doi.org/10.1016/j.tbs.2014.07.002) (IF₂₀₂₃=5.1) [Q1; 81.6%¹⁰]  (iii)
128. Chow, A.S.Y.*, & Loo, B.P.Y. (2015). Applying a world-city network approach to globalizing higher education: Conceptualization, data collection and the list of world cities. *Higher Education Policy*, 28, 107-126. DOI: [10.1057/hep.2014.31](https://doi.org/10.1057/hep.2014.31) (IF₂₀₂₃=1.7) [Q2; 66.1%²¹](i)
129. Li, L., & Loo, B.P.Y.* (2015). The promotion of social equity through railways. In Loo, B.P.Y. & Comtois, C. (Eds.). *Sustainable Railway Futures: Issues and Challenges* (pp. 129-144). Surrey: Ashgate. (iii)
130. Loo, B.P.Y.* (2015). Prospects for sustainable railways. In Loo, B.P.Y. & Comtois, C. (Eds.). *Sustainable Railway Futures: Issues and Challenges* (pp. 3-19). Surrey: Ashgate. (iii)
131. Loo, B.P.Y.*, & Lam, W.W.Y. (2015). Does neighbourhood count in affecting children's journeys to schools? *Childrens Geographies*, 13(1), 89-113. DOI: [10.1080/14733285.2013.828450](https://doi.org/10.1080/14733285.2013.828450) (IF₂₀₂₃=1.9) [Q2; 67%⁶] (i)
132. Schepers, P.*, Agerholm, N., Amoros, E., Benington, R., Bjørnskau, T., Dhondt, S., de Geus, B., Hagemester, C., Loo, B.P.Y., & Niska, A. (2015). An international review of the frequency of single-bicycle crashes (SBCs) and their relation to bicycle modal share. *Injury Prevention*, 21, e138-e143. DOI: [10.1136/injuryprev-2013-040964](https://doi.org/10.1136/injuryprev-2013-040964) (IF₂₀₂₃=2.5) [Q2; 61.2%¹⁷] (ii)
133. Yao, S., Loo, B.P.Y.*, & Lam, W.W.Y. (2015). Measures of pedestrian activity-based exposure to the risk of vehicle-pedestrian collisions: Space-time path vs potential path tree methods. *Accident Analysis and Prevention*, 75, 320-332. DOI: [10.1016/j.aap.2014.12.005](https://doi.org/10.1016/j.aap.2014.12.005) (IF₂₀₂₃=5.7) [Q1; 98.7%⁹]   (ii)
- 2014**
134. Lam, W.W.Y.*, & Loo, B.P.Y. (2014). Determinants of children's independent mobility in Hong Kong. *Asian Transport Studies*, 3(2), 250-268. (i)
135. Lam, W.W.Y.*, Yao, S., & Loo, B.P.Y. (2014). Pedestrian exposure measures: A time-space framework. *Travel Behaviour and Society*, 1(1), 22-30. DOI: [10.1016/j.tbs.2013.10.004](https://doi.org/10.1016/j.tbs.2013.10.004) (IF₂₀₂₃=5.1) [Q1; 81.6%¹⁰]  (ii)
136. Li, L., & Loo, B.P.Y.* (2014). Alternative and transitional energy sources for urban transportation. *Current Sustainable/Renewable Energy Reports*, 1(1), 19-26. DOI: [10.1007/s40518-014-0005-6](https://doi.org/10.1007/s40518-014-0005-6) (iii)

137. Loo, B.P.Y.*, Li, L., Psaraki, V., & Pagoni, I. (2014). CO₂ emissions associated with hubbing activities in air transport: An international comparison. *Journal of Transport Geography*, 34, 185-193. DOI: [10.1016/j.jtrangeo.2013.12.006](https://doi.org/10.1016/j.jtrangeo.2013.12.006) (IF₂₀₂₃=5.7) [Q1; 96.2%⁶] * (iii)
- 2013**
138. Guo, Z.*, & Loo, B.P.Y. (2013). Pedestrian environment and route choice: Evidence from New York City and Hong Kong. *Journal of Transport Geography*, 28, 124-136. DOI: [10.1016/j.trangeo.2012.11.013](https://doi.org/10.1016/j.trangeo.2012.11.013) (IF₂₀₂₃=5.7) [Q1; 96.2%⁶] * (i)
139. Lam, W.W.Y., Loo, B.P.Y.*, & Yao, S. (2013). Towards exposure-based time-space pedestrian crash analysis in facing the challenges of ageing societies in Asia. *Asian Geographer*, 30(2), 105-125. DOI: [0.1080/10225706.2012.735436](https://doi.org/0.1080/10225706.2012.735436) (IF₂₀₂₃=1.8) [Q2; 64.6%⁶](ii)
140. Loo, B.P.Y.*, Chow, C.B., Leung, M., Kwong, T.H.J., Lai S.F.A., & Chau, Y.H. (2013). Multi-disciplinary efforts toward sustained road safety benefits: Integrating place-based and people-based safety analyses. *Injury Prevention*, 19, 58-63. DOI: [10.1136/injuryprev-2012-040400](https://doi.org/10.1136/injuryprev-2012-040400) (IF₂₀₂₃=2.5) [Q2; 61.2%¹⁷](ii)
141. Loo, B.P.Y.*, & Lam, W.W.Y. (2013). A multilevel investigation of differential individual mobility of working couples with children: A case study of Hong Kong. *Transportmetrica A-Transport Science*, 9(7), 629-652. DOI: [10.1080/18128602.2011.643509](https://doi.org/10.1080/18128602.2011.643509) (IF₂₀₂₃=3.6) [Q2; 66%¹¹](i)
142. Loo, B.P.Y.*, & Yao, S. (2013). The identification of traffic crash hot zones under the link-attribute and event-based approaches in a network-constrained environment. *Computers, Environment and Urban Systems*, 41, 249-261. DOI: [10.1016/j.compenvurbsys.2013.07.001](https://doi.org/10.1016/j.compenvurbsys.2013.07.001) (IF₂₀₂₃=7.1) [Q1; 97.4%⁶] * (ii)
- 2012**
143. Chen, C.*, Lin, H., & Loo, B.P.Y. (2012). Exploring the impacts of safety culture on immigrants' vulnerability in non-motorized crashes: A cross-sectional study. *Journal of Urban Health-Bulletin of the New York Academy of Medicine*, 89(1), 138-152. DOI: [10.1007/s11524-011-9629-7](https://doi.org/10.1007/s11524-011-9629-7) (IF₂₀₂₃=4.3) [Q1; 88.5%¹⁷] (ii)
144. Loo, B.P.Y.*, & Lam, W.W.Y. (2012). Geographic accessibility around elderly health care facilities in Hong Kong: A micro-scale walkability assessment. *Environment and Planning B-Planning and Design*, 39(4), 629-646. DOI: [10.1068/b36146](https://doi.org/10.1068/b36146) (Renamed *Environment and Planning B-Urban Analytics and City Science*) (IF₂₀₂₃=2.6) [Q1; 79.2%⁶] * (i)
145. Loo, B.P.Y.*, & Li, L. (2012). Carbon dioxide emissions from passenger transport in China since 1949: Implications for developing sustainable transport. *Energy Policy*, 50, 464-476. DOI: [10.1016/j.enpol.2012.07.044](https://doi.org/10.1016/j.enpol.2012.07.044) (IF₂₀₂₃=9.3) [Q1; 98.9%²] * (iii)
146. Loo, B.P.Y.*, & Ngan, Y.L. (2012). Developing mobile telecommunications to narrow digital divide in developing countries?: Some lessons from China. *Telecommunications Policy*, 36(10-11), 888-900. DOI: [10.1016/j.telpol.2012.07.015](https://doi.org/10.1016/j.telpol.2012.07.015) (IF₂₀₂₃=5.9) [Q1; 98.5%²²] * (iv)
147. Loo, B.P.Y.*, & Yao, S. (2012). Geographical information systems. In Li, G., & Baker, S.P. (Eds.). *Injury Research: Theories, Methods, and Approaches* (pp. 447-463). New York: Springer. (ii)
148. Wong, S.C., Sze, N.N. *, Loo, B.P.Y., Chow, A.S.Y., Lo, H.K., & Hung, W.T. (2012). Performance evaluations of the spiral-marking roundabouts in Hong Kong. *Journal of Transportation Engineering*, 138, 1377-1387. DOI: [10.1061/\(ASCE\)TE.1943-5436.0000433](https://doi.org/10.1061/(ASCE)TE.1943-5436.0000433) (Renamed *Journal of Transportation Engineering Part A-Systems*) (IF₂₀₂₃=1.8) [Q3; 47.8%¹⁴] (ii)
149. Yao, S., & Loo, B.P.Y.* (2012). Identification of hazardous road locations for pedestrians. *Procedia Engineering*, 45, 815-823. DOI: [10.1016/j.proeng.2012.08.244](https://doi.org/10.1016/j.proeng.2012.08.244) (ii)
- 2011**
150. Hau, T.D.*, Loo, B.P.Y., Wong, K.I., & Wong, S.C. (2011). An estimation of efficient time-varying tolls for cross-harbor tunnels in Hong Kong. *Singapore Economic Review*, 56(4), 467-488. DOI: [10.1142/S0217590811004432](https://doi.org/10.1142/S0217590811004432) (IF₂₀₂₃=1.5) [Q2; 52%²] (i)
151. Loo, B.P.Y.*, Cheung, W.S., & Yao, S. (2011). The rural-urban divide in road safety: The case of China. *The Open Transportation Journal*, 5, 9-20. DOI: [10.2174/1874447801105010009](https://doi.org/10.2174/1874447801105010009) (ii)
152. Loo, B.P.Y.*, & Chow, A.S.Y. (2011). Jobs-housing balance in an era of population decentralization: An analytical framework and a case study. *Journal of Transport Geography*, 19, 552-562. DOI: [10.1016/j.jtrangeo.2010.06.004](https://doi.org/10.1016/j.jtrangeo.2010.06.004) (IF₂₀₂₃=5.7) [Q1; 96.2%⁶] * (i)

153. Loo, B.P.Y. & Chow, A.S.Y.* (2011). Spatial re-structuring to facilitate shorter commuting: An example of the relocation of Hong Kong International Airport. *Urban Studies*, 48(8), 1681-1694. DOI: [10.1177/0042098010375319](https://doi.org/10.1177/0042098010375319) (IF₂₀₂₃=4.2) [Q1; 89%¹³] (i)
154. Loo, B.P.Y.*, Yao, S., Wu, J., Yu, B., & Zhong, H. (2011). 基於 GIS 的道路熱區鑒別方法. (Identification method of road hot zones based on GIS) *交通運輸工程學報 (Journal of Traffic and Transportation Engineering)*, 11(4), 97-102. (in Chinese)(ii)
- 2010**
155. Loo, B.P.Y.* (2010). Cross-boundary container truck congestion: The case of the Hong Kong-Pearl River Delta region. *Transportation*, 37(2), 257-274. DOI: [10.1007/s11116-009-9246-4](https://doi.org/10.1007/s11116-009-9246-4) (IF₂₀₂₃=3.5) [Q1; 75.4%¹⁴] (i)
156. Loo, B.P.Y.* (2010). Metro systems. In Button, K., Vega, H., & Nijkamp, P. (Eds.). *A Dictionary of Transport Analysis* (pp. 259-261). Cheltenham: Edward Elgar. (i)
157. Loo, B.P.Y.*, Ho, H.W., Wong, S.C., & Zhang, P. (2010). Using the continuum equilibrium approach to solve airport competition problems: Computational and application issues. In Li, W., de Barros, A.G., & de Oliveira, I.R. (Eds.). *Computational Models, Software Engineering, and Advanced Technologies in Air Transportation: Next Generation Applications* (pp. 88-108). New York: IGI Global. DOI: [10.4018/978-1-60566-800-0.ch006](https://doi.org/10.4018/978-1-60566-800-0.ch006) (iii)
158. Loo, B.P.Y.*, Chen, C., & Chan, E.T.H. (2010). Rail-based transit-oriented development: Lessons from New York City and Hong Kong. *Landscape and Urban Planning*, 97, 202-212. DOI: [10.1016/j.landurbplan.2010.06.002](https://doi.org/10.1016/j.landurbplan.2010.06.002) (IF₂₀₂₃=7.9) [Q1; 98.5%¹³] ●●(i)
159. Loo, B.P.Y.*, & Cheng, A.C.H. (2010). Are there useful yardsticks of population and income level for building metro systems? Some worldwide evidences. *Cities*, 27, 299-306. DOI: [10.1016/j.cities.2010.02.003](https://doi.org/10.1016/j.cities.2010.02.003). (IF₂₀₂₃=6) [Q1; 94.2%¹³] ●●(i)
160. Loo, B.P.Y.* & Tsui, K.L. (2010). Bicycle crash casualties in a highly motorized city. *Accident Analysis and Prevention*, 42, 1902-1907. DOI: [10.1016/j.aap.2010.05.011](https://doi.org/10.1016/j.aap.2010.05.011) (IF₂₀₂₃=5.7) [Q1; 98.7%⁷] ●●(ii)
- 2009**
161. Loo, B.P.Y.* (2009). Challenges of airports in multi-airport regions (MARs). In Larauge P.B., & Castille, M.E. (Eds.). *Airports: Performance, Risks, and Problems* (pp. 189-197). New York: Nova Science. (iii)
162. Loo, B.P.Y.* (2009). How would people respond to a new railway extension? The value of questionnaire surveys. *Habitat International*, 33, 1-9. DOI: [10.1016/j.habitatint.2008.02.002](https://doi.org/10.1016/j.habitatint.2008.02.002) (IF₂₀₂₃=6.5) [Q1; 95.5%¹³] ●●(i)
163. Loo, B.P.Y.* (2009). The identification of hazardous road locations: A comparison of the black site and hot zone methodologies in Hong Kong. *International Journal of Sustainable Transportation*, 3, 187-202. DOI: [10.1080/15568310801915583](https://doi.org/10.1080/15568310801915583) (IF₂₀₂₃=3.1) [Q2; 60.2%⁴] ●(ii)
164. Loo, B.P.Y.* (2009). Transport infrastructure: Postal and telecommunication services. In Pong, D. (Ed.) *Encyclopaedia of Modern China* (volume 3, pp. 608-609). Farmington Hills: Gale. (i)
165. Loo, B.P.Y.* (2009). Transport, Urban. In Kitchin, R., & Thrift, N. (Eds.). *The International Encyclopaedia of Human Geography* (volume 1, pp. 465-469). Oxford: Elsevier. DOI: [10.1016/B978-008044910-4.01039-7](https://doi.org/10.1016/B978-008044910-4.01039-7) (i)
166. Loo, B.P.Y.*, & Chow, A.S.Y. (2009). The relevance of transport-development strategies to understanding travel behaviour and transport sustainability in Hong Kong. *Asian Geographer*, 26, 67-82. DOI: [10.1080/10225706.2009.9684144](https://doi.org/10.1080/10225706.2009.9684144) (IF₂₀₂₃=1.8) [Q2; 64.6%⁶] (i)
167. Loo, B.P.Y.*, & Tsui, K.L. (2009). Pedestrian injuries in an ageing society: Insights from hospital trauma registry. *Journal of Trauma*, 66, 1196-1201. DOI: [10.1097/TA.0b013e31817fdef6](https://doi.org/10.1097/TA.0b013e31817fdef6) (Renamed *Journal of Trauma and Acute Care Surgery*, (IF₂₀₂₃=2.9) [Q1; 83.3%²⁸] ●(ii)
- 2008**
168. Loo, B.P.Y.* (2008). Passengers' airport choice within multi-airport regions (MARs): Some insights from a stated preference survey at the Hong Kong International Airport. *Journal of Transport Geography*, 16, 117-125. DOI: [10.1016/j.jtrangeo.2007.05.003](https://doi.org/10.1016/j.jtrangeo.2007.05.003) (IF₂₀₂₃=5.7) [Q1; 96.2%⁶] ●●(iii)

169. Loo, B.P.Y.*, & Chow, A.S.Y. (2008). Changing urban form in Hong Kong: What are the challenges on sustainable transportation? *International Journal of Sustainable Transportation*, 2(3), 177-193. DOI: [10.1080/15568310701517331](https://doi.org/10.1080/15568310701517331) (IF₂₀₂₃=3.1) [Q2; 60.2%⁴] ●(i)
170. Loo, B.P.Y.*, Wong, S.C., & Hau, T.D. (2008). Choice or rank data in stated preference surveys? *The Open Transportation Journal*, 2, 74-79. DOI: [10.2174/1874447800802010074](https://doi.org/10.2174/1874447800802010074) (i)
171. Lyons, G.*, & Loo, B.P.Y. (2008). Transport directions to the future. In Knowles, R., Shaw, J., & Docherty, I. (Eds.). *Transport Geographies: Mobilities, Flows and Spaces* (pp. 215-226). Oxford: Blackwell. (iii)

2007

172. Loo, B.P.Y.* (2007). Strategies of Internet development in the Asia-Pacific region. *Journal of Urban Technology*, 14(1), 3-22. DOI: [10.1080/10630730701259821](https://doi.org/10.1080/10630730701259821) (IF₂₀₂₃=4.6) [Q1; 90.3%¹³] ♣ (iv)
173. Loo, B.P.Y.* (2007). The role of paratransit: Some reflections based on the experience of residents' coach services in Hong Kong. *Transportation*, 34, 471-486. DOI: [10.1007/s11116-006-9111-7](https://doi.org/10.1007/s11116-006-9111-7) (IF₂₀₂₀=5.192) (IF₂₀₂₃=3.5) [Q1; 75.4%¹⁴] (i)
174. Loo, B.P.Y.*, Leung, B.S.Y., Wong, S.C., & Yang, H. (2007). Taxi license premiums in Hong Kong: Can their fluctuations be explained by taxi as a mode of public transport? *International Journal of Sustainable Transportation*, 1(4), 249-266. DOI: [10.1080/15568310600737600](https://doi.org/10.1080/15568310600737600) (IF₂₀₂₃=3.1) [Q2; 60.2%⁴] (i)
175. Loo, B.P.Y.*, & Tsui, K.L. (2007). Factors affecting the likelihood of reporting road crashes resulting in medical treatment to the police. *Injury Prevention*, 13, 186-189. DOI: [10.1136/ip.2006.013458](https://doi.org/10.1136/ip.2006.013458) (IF₂₀₂₃=2.5) [Q2; 61.2%¹⁷] ●(ii)
176. Loo, B.P.Y.*, Wong, S.C., Hung, W.T., & Lo, H.K. (2007). A Review of the road safety strategy in Hong Kong. *Journal of Advanced Transportation*, 41(1), 3-37. DOI: [10.1002/atr.5670410103](https://doi.org/10.1002/atr.5670410103) (IF₂₀₂₃=2) [Q2; 51.7%¹⁴] ●(ii)

2006

177. Ho, H. W., Wong, S.C.*, & Loo, B.P.Y. (2006). Combined distribution and assignment model for a continuum traffic equilibrium problem with multiple user classes. *Transportation Research Part B-Methodological*, 40(8), 633-650. DOI: [10.1016/j.trb.2005.09.003](https://doi.org/10.1016/j.trb.2005.09.003) (IF₂₀₂₃=5.8) [Q1; 94.1%²] ♣ (iii)
178. Loo, B.P.Y.* (2006). Validating crash locations for quantitative spatial analysis: A GIS-based approach. *Accident Analysis and Prevention*, 38(5), 879-886. DOI: [10.1016/j.aap.2006.02.012](https://doi.org/10.1016/j.aap.2006.02.012) (IF₂₀₂₃=5.7) [Q1; 98.7%⁹] ♣ ●(ii)
179. Loo, B.P.Y.*, & Chow, S.Y. (2006). China's 1994 tax-sharing reforms: One system, differential impact. *Asian Survey*, 46(2), 215-237. Document URL (IF₂₀₂₃=1.3) [Q1; 84.4%¹] (iii)
180. Loo, B.P.Y.*, & Chow, S.Y. (2006). Sustainable urban transportation: Concepts, policies and methodologies. *Journal of Urban Planning and Development-ASCE*, 132(2), 76-79. DOI: [10.1061/\(ASCE\)0733-9488\(2006\)132:2\(76\)](https://doi.org/10.1061/(ASCE)0733-9488(2006)132:2(76)) (Renamed *Journal of Urban Planning and Development*) (IF₂₀₂₃=1.7) [Q3; 50%³] (iii)
181. Loo, B.P.Y.*, & Li, D.Y.N. (2006). Developing metro systems in the People's Republic of China: Policy and gaps. *Transportation*, 33(2), 115-132. DOI: [10.1007/s11116-005-3046-2](https://doi.org/10.1007/s11116-005-3046-2) (IF₂₀₂₃=3.5) [Q1; 75.4%¹⁴] (i)
182. Loo, B.P.Y.*, Wong, S.C., & Hau, T.D. (2006). Introducing alternative fuel vehicles in Hong Kong: Views from the public light bus industry. *Transportation*, 33(6), 605-619. DOI: [10.1007/s11116-006-7947-5](https://doi.org/10.1007/s11116-006-7947-5) (IF₂₀₂₃=3.5) [Q1; 75.4%¹⁴] ●(iii)
183. Wong, S.C.*, Du, Y.C., Sun, L.J., & Loo, B.P.Y. (2006). Sensitivity analysis for a continuum traffic equilibrium problem. *Annals of Regional Science*, 40(3), 493-514. DOI: [10.1007/s00168-006-0071-9](https://doi.org/10.1007/s00168-006-0071-9) (IF₂₀₂₃=2.2) [Q2; 71.6%⁶] (iii)
184. Wong, S.C.*, Sze, N.N., Hung, W.T., Loo, B.P.Y., & Lo, H.K. (2006). The effects of a traffic guidance scheme for Auto-toll lanes on traffic safety at toll plazas. *Safety Science*, 44(9), 753-770. DOI: [10.1016/j.ssci.2006.03.004](https://doi.org/10.1016/j.ssci.2006.03.004) (IF₂₀₂₃=4.7) [Q1; 80.7%²⁵] (ii)
185. Wong, S.C., Sze, N.N., Yip, H.F., Loo, B.P.Y., Hung, W.T., & Lo, H.K. (2006). Association between setting quantified road safety targets and road fatality reduction. *Accident Analysis and Prevention*, 38(5), 997-1005. DOI: [10.1016/j.aap.2006.04.003](https://doi.org/10.1016/j.aap.2006.04.003) (IF₂₀₂₃=5.7) [Q1; 98.7%⁹] ♣ (ii)

2005

186. Bie, J., Lo, H.K. *, Wong, S.C., Hung, W.T., & Loo, B.P.Y. (2005). Safety analysis of traffic roundabout: A comparison between conventional and Alberta-type markings. *Journal of Eastern Asia Society for Transportation Studies*, 6, 3309-3324. (ii)
187. Ho, H.W., Wong, S.C.*, Yang, H., & Loo, B.P.Y. (2005). Cordon-based congestion pricing in a continuum traffic equilibrium system. *Transportation Research Part A: Policy and Practice*, 39, 813-834. DOI:10.1016/j.tra.2005.02.017 (IF₂₀₂₃=6.3) [Q1; 95.4%²] * (i)
188. Loo, B.P.Y.*, Ho H.W., & Wong, S.C. (2005). An application of the continuous equilibrium modelling approach in understanding the geography of air passenger flows in a multi-airport region. *Applied Geography*, 25(2), 169-199. DOI:10.1016/j.apgeog.2005.03.008 (IF₂₀₂₃=4) [Q1; 91.5%⁶] * (iii)
189. Loo, B.P.Y.*, Hung, W.T., Lo, H.K., & Wong, S.C. (2005). Road safety strategies: A comparative framework and case studies. *Transport Reviews*, 25(5), 613-639. DOI: 10.1080/01441640500115892 (IF₂₀₂₃=9.5) [Q1; 95.6%¹⁰] * (ii)
190. Loo, B.P.Y.*, & Liu, K. (2005). A geographical analysis of potential railway load centers in China. *Professional Geographer*, 57(4), 558-579. DOI:10.1111/j.1467-9272.2005.00499.x (IF₂₀₂₃=1.5) [Q2; 54.7%⁶] * (iii)
191. Loo, B.P.Y.*, & Tsui, M.K. (2005). Temporal and spatial patterns of vehicle-pedestrian crashes in busy commercial and shopping areas: A case study of Hong Kong. *Asian Geographer*, 24(1-2), 113-128. DOI:10.1080/10225706.2005.9684124 (IF₂₀₂₃=1.8) [Q2; 64.6%⁶] (ii)
192. Wong, S.C.*, Sze, N.N., Lo, H.K., Hung, W.T., & Loo, B.P.Y. (2005). Would relaxing speed limits aggravate safety? A case study of Hong Kong. *Accident Analysis and Prevention*, 37(2), 377-388. DOI:10.1016/j.aap.2004.09.008 (IF₂₀₂₃=5.7) [Q1; 98.7%⁹] * (ii)
- 2004**
193. Ho, H.W., Wong, S.C.*, & Loo, B.P.Y. (2004). Sequential optimization approach for the multi-class user equilibrium problem in a continuous transportation system. *Journal of Advanced Transportation*, 38(3), 323-345. DOI:10.1002/atr.5670380305 (IF₂₀₂₃=2) [Q2; 51.7%¹⁴] (iii)
194. Loo, B.P.Y.* (2004). Export expansion in the People's Republic of China since 1978: A case study of the Pearl River Delta. *China Quarterly*, 177, 133-154. DOI: 10.1017/S0305741004000086 (IF₂₀₂₃=2.5) [Q1; 97.4%¹] * (iii)
195. Loo, B.P.Y.* (2004). Telecommunications reforms in China: Towards an analytical framework. *Telecommunications Policy*, 28(9-10), 697-714. DOI:10.1016/j.telpol.2004.05.009 (IF₂₀₂₃=5.9) [Q1; 98.5%²²] * (iv)
196. Loo, B.P.Y.* (2004). The Chinese information and telecommunications technology infrastructure: Who built it and for whom? In Hanley, R. (Ed.). *Moving People, Goods and Information in the 21st Century* (pp. 143-158). London: Routledge. (iv)
197. Wong, S.C.*, Leung, B.S.Y., Loo, B.P.Y., Hung, W.T., & Lo, H.K. (2004). A qualitative assessment methodology for road safety policy strategies. *Accident Analysis and Prevention*, 36(2), 281-293. DOI: 10.1016/S0001-4575(03)00006-X (IF₂₀₂₃=5.7) [Q1; 98.7%⁹] * (ii)
- 2003**
198. Ho, H.W., Wong, S.C.*, & Loo, B.P.Y. (2003). A continuous traffic equilibrium model with multiple user classes. *Journal of the Eastern Asia Society for Transportation Studies*, 5, 2831-2845. (iii)
199. Loo, B.P.Y.* (2003). The rise of a digital community in the People's Republic of China. *Journal of Urban Technology*, 10(1), 1-21. DOI:10.1080/1063073032000086308 (IF₂₀₂₃=4.6) [Q1; 90.3%¹³] * (iv)
200. Loo, B.P.Y.* (2003). Tunnel traffic and toll elasticities in Hong Kong: Some recent evidence for international comparisons. *Environment and Planning A*, 35(2), 249-276. DOI:10.1068/a3590 (Renamed *Environment and Planning A-Economy and Space*) (IF₂₀₂₃=4.6) [Q1; 93.3%⁶] * (i)
201. Loo, B.P.Y.*, Ho H.W., & Wong, S.C. (2003). 香港與珠江三角洲地區的機場競爭 (Competition among airports in the Pearl River Delta region). In Chen, G., Zhou, Y., Yeh, A.G.O., & Sit, V.F.S. (Eds.). *提升大珠江三角洲國際競爭力研究 (Research on Raising the International Competitiveness of the Great Pearl River Delta)* (pp. 293-323). Guangzhou: Zhongshan University Press. (in Chinese)(iii)
- 2002**

202. Loo, B.P.Y.* (2002). The potential impacts of strategic highways on new town development: A case study of Route 3 in Hong Kong. *Transportation Research Part A-Policy and Practice*, 36, 41-63. DOI:10.1016/S0965-8564(00)00036-7 (IF₂₀₂₃=6.3) [Q1; 95.4%²]★(i)
203. Loo, B.P.Y.* (2002). The role of stated preference methods in planning for sustainable urban transportation: The state of practice and future prospects. *Journal of Urban Planning and Development- ASCE*, 128(4), 210-224. DOI:10.1061/(ASCE)0733-9488(2002)128:4(210) (Renamed *Journal of Urban Planning and Development*) (IF₂₀₂₃=1.7) [Q3; 50%¹³](iii)
204. Loo, B.P.Y.* (2002). The textile and clothing industries under the Fifth Kondratieff Wave: Some insights from the case of Hong Kong. *World Development*, 30(5), 847-872. DOI:10.1016/S0305-750X(02)00005-0 (IF₂₀₂₃=5.4) [Q1; 92.5%²]★(i)
205. Loo, B.P.Y.*, & Hook, B. (2002). Interplay of international, national and local factors in shaping container port development: A case study of Hong Kong. *Transport Reviews*, 22(2), 219-245. DOI:10.1080/01441640110091486 (IF₂₀₂₃=9.5) [Q1; 95.6%¹⁰]★●(iii)
206. Loo, B.P.Y.*, & Wong, A.Y.P. (2002). Internet development in Asia-Pacific: Spatial patterns and underlying locational factors. *Networks and Communication Studies*, 16(3-4), 113-134. (iv)
- Before 2002**
207. Loo, B.P.Y.* (2000). An application of canonical correlation analysis in regional science: The interrelationships between transport and development in China's Zhujiang Delta. *Journal of Regional Science*, 40(1), 141-171. DOI:10.1111/0022-4146.00168 (IF₂₀₂₃=3.2) [Q2; 62.9%⁴]●(iii)
208. Loo, B.P.Y.* (1999). Development of a regional transport infrastructure: Some lessons from the Zhujiang Delta, Guangdong, China. *Journal of Transport Geography*, 7, 43-63. DOI: 10.1016/S0966-6923(98)00037-4 (IF₂₀₂₃=5.7) [Q1; 96.2%⁶]★●(iii)
209. Loo, B.P.Y.* (1998). A re-examination of Lardy-Donnithorne Debate in the provincial context of Guangdong, 1949-1992. *Journal of Contemporary China*, 7(17), 61-87. DOI: 10.1080/10670569808724305 (IF₂₀₂₃=2.4) [Q1; 96.3%¹]★(iii)
210. Gu, S.*, & Loo, B.P.Y. (1997). 中國區域糧食供需與農業政策 (China's regional grain balance and agricultural policy). In Lu, D., & Sit, V.F.S. (Eds.). *1997 中國區域發展報告 (Report on China's Regional Development 1997)* (pp. 222-245). Beijing: Commercial Press. (in Chinese)(iii)
211. [English version: Gu, S., & Loo, B.P.Y.* (2001). Agriculture and food supply policies. In Sit, V.F.S. & Lu, D. (Eds.). *China's Regional Disparity: Issues and Policies* (pp. 183-198). New York: Nova Science.]
212. Loo, B.P.Y.* (1997). Post-reform development in Zhujiang Delta: Growing equality or polarization? *Asian Geographer*, 16(1-2), 115-145. DOI: 10.1080/10225706.1997.9684028 (IF₂₀₂₃=1.8) [Q2; 64.6%⁶](iii)
213. Loo, B.P.Y., & Leung, C.K.* (1997). 論改革開放政策與珠江三角洲交通發展的關係 (Characteristics of transport infrastructural development in the Pearl River Delta under the Open Policy). *地理學報 (ACTA Geographica Sinica)*, 52 Supplement, 28-38. (in Chinese)(iii)
214. Pang, X.*, & Loo, B.P.Y. (1997). 地區經濟技術合作的政策和實現 (Regional economic cooperation policy and its implementation). In Lu, D., & Sit, V.F.S. (Eds.). *1997 中國區域發展報告 (Report on China's Regional Development 1997)* (pp. 193-221). Beijing: Commercial Press. (in Chinese)(iii)
215. [English version: Pang, X., & Loo, B.P.Y.* (2001). Regional economic and technological cooperation. In Sit, V.F.S. & Lu, D. (Eds.). *China's Regional Disparity: Issues and Policies* (pp. 105-130). New York: Nova Science.]
216. Leung, C.K. & Loo, B.P.Y.* (1994). Has the Pearl River Delta been an export-oriented economy? *Journal of Chinese Geography* (renamed *Journal of Geographical Sciences*), 4(3/4), 1-24. (IF₂₀₂₃=4.3) [Q1; 86.9%²⁷](iii)

Subject categories: ¹Area Studies, ²Economics, ³Environmental Sciences (SCIE), ⁴Environmental Studies, ⁵Ergonomics, ⁶Geography, ⁷Green & Sustainable Science & Technology, ⁸Health Policy & Services, ⁹Social Sciences, Interdisciplinary, ¹⁰Transportation, ¹¹Transportation Science and Technology (SCIE), ¹²Infectious Diseases (SCIE), ¹³Urban Studies, ¹⁴Engineering, Civil (SCIE), ¹⁵Regional & Urban Planning, ¹⁶Development Studies, ¹⁷Public, Environmental & Occupational Health, ¹⁸Construction & Building Technology (SCIE), ¹⁹Social Sciences, Biomedical, ²⁰Multidisciplinary Sciences (SCIE), ²¹Education & Educational Research, ²²Communication, ²³Emergency Medicine (SCIE), ²⁴Medicine, General & Internal (SCIE), ²⁵Operations Research & Management Science (SCIE), ²⁶Materials Science-Multidisciplinary Sciences (SCIE), ²⁷Geography, Physical (SCIE), ²⁸Surgery(SCIE), ²⁹Engineering, Electrical & Electronic (SCIE), ³⁰ Meteorology and Atmospheric Sciences and ³¹ Management.

**I.3) EDITORSHIP OR EDITORIAL BOARD MEMBERSHIP
OF SCHOLARLY JOURNALS**

1. Founding Co-Editor-in-Chief, *Travel Behaviour and Society*, Elsevier. (IF₂₀₂₃=5.11) [Q2; 81.6%¹⁰] 🌸
 2. Associate Editor, *Journal of Transport Geography*, Elsevier. (IF₂₀₂₃=5.7) [Q1; 96.2%⁶] 🌿 🌸
 3. Associate Editor, *Sustainable Cities and Society*, Elsevier. (IF₂₀₂₃=10.5) [Q1; 97.3%¹⁸] 🌿 🌸
 4. Editorial Board Member, *Communications in Transportation Research*, Elsevier. (IF₂₀₂₃=12.5) [Q1; 99.1%¹⁰] 🌿 🌸
 5. Editorial Board Member, *Journal of Urban Technology*, Routledge. (IF₂₀₂₃=4.6) [Q1; 90.3%¹³] 🌿 🌸
 6. Editorial Board Member, *Research in Transportation Economics*, Elsevier. (IF₂₀₂₃=4.6) [Q1; 90.0%²] 🌿
 7. Editorial Board Member, *Journal of the American Planning Association*, Taylor & Francis. (IF₂₀₂₃=3.3) [Q1; 82.5%¹³] 🌸
 8. Editorial Board Member, *Buildings*, MDPI. (IF₂₀₂₃/SCIE=3.1) [Q2; 72.1%¹⁴]
 9. Associate Editor, *Transportmetrica A-Transport Science*, Taylor & Francis. (IF₂₀₂₃=3.6) [Q2; 66.0%¹¹]
 10. Editorial Board Member, *International Journal of Sustainable Transportation*, Taylor & Francis. (IF₂₀₂₃=3.1) [Q2; 60.2%⁴]
 11. Editorial Board Member, *Injury Epidemiology*, SpringerOpen. (IF₂₀₂₃=2.4) [Q2; 59.7%¹⁷]
 12. Editorial Board Member, *GeoJournal*, Springer. (IF₂₀₂₃=2.0) [Q2; 68.7%⁶]
 13. Editorial Board Member, *Journal of Transport and Land Use*, University of Minnesota. (IF₂₀₂₃=1.6) [Q4; 23.7%¹⁰]
 14. Editorial Board Member, *International Journal of Shipping and Transport Logistics*, InderScience. (IF₂₀₂₃=1.4) [Q3; 27.6%³¹]
 15. Editorial Board Member, *地理研究 (Geographical Research)*, Chinese Academy of Sciences, CAS, Institute of Geographic Sciences and Natural Resources Research 中國科學院地理科學與資源研究所 (in Chinese)
 16. Editorial Board Member, *华南地理学报 (South China Geographical Journal)*, South China Normal University 华南师范大学. (in Chinese)
 17. Editorial Board Member, *Journal of Cycling and Micromobility Research*, Elsevier. (newly launched in 2023)
 18. Editorial Panel Member, *Discover Cities*, Springer Nature. (newly launched in 2023)
 19. Editorial Board Member, *Urbanization, Sustainability and Society*, Emerald. (newly launched in 2023)
 20. Editorial Advisory Board, Emerald Transport and Sustainability series.
- Selected previous services to Editorial Boards: *Asian Geographer* (2011/04-2021/05), *Transportation* (2008/01-2015/01), *Open Transportation Journal* (2007/04-2014/12), *Open Geography Journal* (2007/12-2012/12), *Proceedings of the Institution of Civil Engineers-Municipal Engineer*, *ice/Institution of Civil Engineers* (2020/05-2023/12) and *International Journal of Geosciences* (2011/09-2012/08).

I.4a) KEYNOTE/PLENARY SPEAKER IN INTERNATIONAL CONFERENCES

1. *24th Swiss Transport Research Conference (STRC) 2024*, Monte Verita, Ascona, Switzerland 15-17/05/2024 [Keynote Speaker] (with funding from host) 🌸
Speech title: A Paradigm Shift in Transportation
2. *2nd International Symposium on Transport Geography*, Guangzhou Institute of Geography, Guangdong Academy of Sciences, Guangzhou, China 11-12/05/2024 [Keynote Speaker] (with funding from host)
Speech title: *Sustainable Transport and Electric Mobility: Latest Evidence on Co-benefits*
3. *2023 World Women's Scientists Conference*, Shaoxing, China 13-15/10/2023 [Keynote Speaker] (with funding from host)(in Putonghua)
Speech title: Applications of Artificial Intelligence in Smart Cities and the Female Perspective (智慧城市中人工智慧的應用與女性視角)
4. *First International Symposium on Disciplinary Development and Innovations of Transport Geography 2023*, Institute of Marine Sustainable Development (IMSD), Liaoning Normal University, Dalian, China, 13-14/05/2023 [Keynote Speaker] (with funding from host)

-
- Speech title: A Paradigm Shift in Transportation
-
5. *The 10th International Conference of Transportation and Space-time Economics (TSTE 2022), Low-carbon Forum*, School of Economics and Management, Beijing Jiaotong University and Elsevier, 07/12/2022 [Keynote Speaker](online)
Speech title: Electric Mobility: Future Carbon Reduction Potentials and the Critical Importance of Government Interventions

 6. [*GEOMED 2022*](#), University of California, Irvine, USA, 12-14/10/2022 [Plenary Speaker] (online)✿
Speech title: Human Mobility, Facilities and Location Agglomeration: Are there Regularities that Inform the Creation of a Superspreading Environment?

 7. [*International Symposium on High-speed Railways and Regional Development*](#), Institute of Transport Studies, HKU and Department of Geography and Planning, Liverpool University, and co-organized by the School of Geography and Environment, Jiangxi Normal University and Computational Urban Sciences, 10/05/2022 [Opening Keynote Speaker] (online).
Speech title: Location Matters: High-speed Railway Stations in City Evolution

 8. [*Bridging Transportation Researchers \(BRT\) Online Conference*](#), University of Texas at Austin's Cockrell School of Engineering (main host), 5-6/08/2021 [Headliner speakers] (online)✿
Speech title: Transport in Compact Cities: The "New Normal"

 9. *Provocations in Transport Lecture*, UCL Centre for Transport Studies, Wilkins Building, Gustave Tuck Lecture Theatre, Gower Street, UCL, London, United Kingdom, 22/01/2020 [Invited Speaker] ✿
Speech title: Transport as an Experience

 10. *International Conference on Urban Computing and Smart Planning*, Nanjing, China, 12-14/10/2019 [Keynote Speaker] (with funding from host)
Speech title: Smart Maps

 11. *Tourism Experimental Research Conference*, Jinan, China, 27-30/09/2019 [Keynote Speaker] (with funding from host)
Speech title: Travel Behaviour Research in an E-Society

 12. *Bay Area Cities Transport Forum and 2018 International Forum on Transport Big Data Sharing & Collaboration*, Shenzhen, China, 7-8/12/2018 [Invited Speaker] (with funding from host)(in Putonghua)
Speech title: 人，街道與城市的有機結合 (Re-imagining People, Streets and Cities)

 13. *Urban Mobility Transitions: Towards Sustainable and Liveable Cities UCL-HKU Symposium*, London, United Kingdom, 28/11/2018 [Invited Speaker and Panel Discussant]
Speech title: Walking Towards a Happy City

 14. *International Academic Conference on "Belt and Road" and the Building of Guangzhou as a Metropolitan City*, Guangzhou, China, 18/11/2018 [Invited Speaker] (with funding from host) (in Putonghua)
Speech title: 國際大都市的區域交通建設初探：以香港和廣州為案例 (Regional Transport Infrastructure in Metropolitan Cities: Hong Kong and Guangzhou as Case Studies)

 15. *International Conference on Smart Society and Future Cities & 2018 Chinese Urban Geography Annual Meeting*, Nanjing, China, 4-7/07/2018 [Keynote Speaker] (with funding from host) (in Putonghua)
Speech title: 從最原始到最先進：行走于智慧城市 (From the Most Basic to the Most Advanced: Walking in Smart Cities)

 16. *Research Workshop & Doctoral Seminar "Comparative Analysis of Infrastructure Policy"*, University of Bremen, Bremen, Germany, 07/06/2018. [Invited Speaker] (with funding from host) (followed by a Panel Discussion with Secretary of State Jens Deuschendorf, Senator of Civil Engineering, Environment and Transportation of the Free Hanseatic City of Bremen)
Speech title: Walkability of Cities: Flipping the Cityscape for People

 17. *Invited Seminar, Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR) (Germany Aerospace Centre)*, Institute of Transport Research in Berlin-Adlershof, Berlin, Germany, 04/06/2018. [Invited Speaker] (with funding from host)
Speech title: Challenges of Walkability in Cities
-

-
18. *KST-HKSTS Joint Workshop on Transportation Research*. Department of Civil Engineering & Institute of Transport Studies, HKU; Hong Kong Society for Transportation Studies (HKSTS); Korean Society of Transportation (KST). 08/12/2017. [Invited Speaker]
Speech title: Making a City Walkable
-
19. *Conference on "Mobility and Energy Systems in Smart Cities of the Future" in the Framework of the Festival Zurich meets Hong Kong*, 27/10/2017. [Invited Speaker by the City of Zurich]
Speech title: The Relevance of People and Place in Smart Mobility
-
20. *First Eastern Asia Society for Transportation Studies (EASTS) PhD and Early Career Researcher Accelerator Forum*, Ho Chi Minh City, Vietnam. 17/09/2017. [Keynote Speaker and mentor] (with funding from host)
Speech title: Taking Ownership of Your Own Research: Some Possible Directions
-
21. *World Symposium on Transport and Land Use Research 2017*, Brisbane, Queensland, Australia. 3-6/07/2017. [Keynote Speaker] (with funding from host) *
Speech title: From Negative Externalities to Sustainability: What are the Ways Forward?
-
22. *Chinese Academy of Sciences (CAS), Institute of Geographic Sciences and Natural Resources Research*, Beijing, China, 20/05/2017 [Invited Speaker](with funding from host) *
Speech title: Decarbonizing Transport: Worldwide Trends and Challenges in China
-
23. *First Academic Conference on Tourist Travel Behaviour Research*, Shandong University, China, 23-25/09/2016. [Keynote Speaker] (with funding from host)
Speech title: Conservation Education in a Marine Theme Park: A New Model Linking Emotions, Time and Spatial Behaviour
-
24. *The iBUILD Assembly*, Double Tree by Hilton, Granary Wharf, Leeds, LS1 4BR, United Kingdom. 6-7/06/2016. [Invited Speaker] (with funding from host)
Speech title: Transport Resilience in Hong Kong: The Occupy Central Movement from Another Perspective
-
25. *Seoul Metropolitan Forum*, University of Seoul, Seoul, Korea, 19-20/11/2015. [Invited Speaker] (with funding from host)
Speech title: Sustainable Railway Futures: Supporting Cities and Beyond
-
26. *Department of Geography, Nanjing University, Nanjing, China*, 16/10/2015. [Invited Speaker] (with funding from host)
Speech title: Neighbourhood Environment and Health among the Elderly in Hong Kong
-
27. *Department of Geography, The University of Birmingham, United Kingdom*, 23/06/2015. [Invited Speaker]
Speech title: Movements in Cities and Beyond: Sustainability and Quality of Life
-
28. *International Symposium on "Urban Environment and Health: Interdisciplinary Approach"*, Graduate School of Human Development and Environment, Kobe University, Kobe, Japan, 07/01/2015. [Keynote Speaker] (with funding from host) *
Speech title: Neighbourhood Environment and Health among Hong Kong Seniors
-
29. *Academic Psychiatry Conference 2014*, Yong Loo Lin School of Medicine, National University of Singapore (NUS), Department of Psychological Medicine, National University Health System (NUHS), and National University Hospital (NUH), Singapore, 30/10-01/11/2014. [Invited Speaker] (with funding from host) *
Speech title: Relationship between the Environment and the Elderly
-
30. *Centre de recherche en aménagement et développement (CRAD), Faculte d'aménagement, d'architecture, d'art et de design, Université Laval, Canada*, 25/08/2014. [Invited Speaker] (with funding from host)
Speech title: Towards Sustainable Mobility Strategies in China: Opportunities and Challenges
-
31. *Low-carbon Cities: Land Use and Transportation Interventions*, Shaanxi Normal University and University of Minnesota, Xian, China, 12-13/06/2014. [Invited Speaker] (with funding from host)
Speech title: Sustainable Mobility in Low-carbon Cities
-
32. *International Forum on Shipping, Ports and Airports (IFSPA) 2014: Sustainable Development in Shipping and Transport Logistics*, The Hong Kong Polytechnic University, Hong Kong, 19-21/05/2014. [Keynote Speaker]
Speech title: Towards an Intermodal Freight Transport System in Global Cities
-

-
33. *Sao Carlos School of Engineering, University of Sao Paulo (USP), Sao Paulo, Brazil, 22/04/2014.* [Invited Speaker] *
 Speech title: Rethinking Sustainable Mobility Strategies in China
-
34. *Centro de Desarrollo Urbano Sustentable (CEDEUS), Pontificia Universidad Catolica de Chile (PUC), Santiago, Chile, 16/04/2014.* [Invited Speaker] (with funding from host) *
 Speech title: Understanding and Planning for Sustainable Mobilities in Developing Countries: Lessons from China and Beyond
-
35. *Department of Transport and Logistics Engineering, School of Engineering, Pontificia Universidad Catolica de Chile (PUC), Santiago, Chile, 15/04/2014.* [Invited Speaker] (with funding from host)
 Speech title: Sustainability Research: Challenges and Opportunities for Us to Work Together
-
36. *Transport Studies Unit, Oxford University Centre for the Environment, Oxford University, Oxford, United Kingdom, 12/03/2014.* [Invited Speaker] (with funding from host) *
 Speech title: Sustainable Mobilities in China
-
37. *Symposium of Space-time Behavior and Smart City & The 9th Conference on Spatial Behavior and Planning, Nanjing University, Nanjing, China, 4-5/01/2014.* [Invited Speaker] (with funding from host)
 Speech title: Smart City= Low-carbon City= Happy City?
-
38. *Department of Urban Planning, Nanjing University, Nanjing, China, 03/01/2014.* [Invited Speaker] (with funding from host)
 Speech title: Planning Sustainable and Resilient Infrastructure: Challenges and Opportunities for Chinese Cities
-
39. [*Building Urban Sustainability and Resilience Symposium, University of Illinois at Chicago, Chicago, USA, 20-21/05/2013.*](#) [Invited Speaker] (with funding from host)
 Speech title: Resiliency versus Sustainability: Conflicting or Complementary Goals in Cities
-
40. *Resilience through Innovation: Critical Local Transport and Utility Infrastructure, Institute of Directors, 116 Pall Mall, London, United Kingdom, 26/04/2012.* [Invited Speaker] (with funding from host)
 Speech title: Five Thoughts on Critical Local Transport Infrastructure
-
41. *China 2010-2030: Global China Expert Panel, Geneva, Switzerland, 19/12/2011.* Invited Speaker and Panel Member. Funded by CBMM and Fundaco Dom Cabral (FDC) [Invited Speaker] (with funding from host) *
 Speech title: Urbanization and Mobility Outlook
-
42. *International Geographical Union, The Israeli National Commission for Geography, IGU/UGI Regional Conference, Tel Aviv, Israel, 12-16/07/ 2010.* [Plenary Speaker] (with funding from host) *
 Speech title: Different Dimensions of the E-society: Convergence or Divergence
-
43. *The Fifth National Injury Control and Prevention Conference, Wuhan, China, 21-24/10/2010.* [Invited Speaker] (with funding from host)(in Putonghua)
 Speech title: An Analysis of Traffic Injury in China
-
44. *Traffic Safety Promotion: Primary and Secondary Prevention, Trauma Center, Princess Margaret Hospital, HKSAR, Co-organized by WHO Collaboration Centre on Community Safety Promotion, Division of Social Medicine, Karolinska Institutet, Stockholm, Sweden, Department of Geography, HKU, Kwai Tsing Safe Community and Healthy City Association, HK, 30/10/2009.* [Invited Speaker]
 Speech title: Identification of Hot Zones in Kwai Tsing: GIS Methodology
-
45. *Motor Vehicle Crash Symposium 2008, Central Committee on Trauma Service, The Hospital Authority, Lecture Theatre, G/F, Centre for Health Protection, The Hospital Authority, HK, 22/11/2008.* [Invited Speaker]
 Speech title: Crashes and Traffic Casualties: A Spatial Perspective
-
46. *The Second International Symposium on Road Safety (ISRS' 2006), School of Geography, HKU and Transport Department, The Hong Kong SAR Government, Sheraton Hotel, HK, 05/08/2006.* [Invited Speaker]
 Speech title: A Spatial Analysis of Crashes in Hong Kong
-

I.4b) INVITED SPEAKER/PANELIST/INTERVIEWEE FOR KNOWLEDGE EXCHANGE

Becky has gladly shared her research insights with the general public through the media. She has been regularly interviewed by the media about transport issues. Local television, radio and newspaper interviews are numerous and not listed below.

1. ***Tech for Good, CNN.*** Smart Mobility Series with Ms Kristie Lu Strout, 12/2023 (An invited guest)
Solar cars: <https://www.cnn.com/videos/tv/2023/12/11/tech-for-good-solar-car-b-spc.cnn>
Electric air taxis: <https://edition.cnn.com/videos/tv/2023/12/13/tech-for-good-electric-airplanes-sustainable-mobility-a-spc.cnn>
Electric boats: <https://edition.cnn.com/videos/tv/2023/12/12/tech-for-good-sustainable-mobility-c-electric-boating-spc.cnn>

2. ***Sharing Session: Hong Kong's Sustainability Leaders & Mayors of America's Heartland,*** HKU Business School and United States Heartland China Association, 30/10/2023. (An invited speech and dialogue with a delegation of six US Mayors on sustainability)
Speech title: Sustainability and Electric Mobility: The Need for Government-Industry-Citizen Collaboration

3. ***Taylor & Francis Insights, UK.*** Sustainable transport in cities: [How city mobility can meet economic, social, and environmental needs](#), 30/08/2022.

4. ***Hong Kong's Pathway to Carbon Neutrality,*** Wilson Center (co-hosted by the Hong Kong Economic and Trade Office and ECSP), Washington D.C., 06/04/2022 [Invited Panellist, with Secretary of Environment, Hong Kong SAR Government, KS Wong, and Executive Director of the Hong Kong Monetary Authority, Darryl Chan; moderated by Jennifer Turner]

5. ***Pedestrianspace.org, Poland.*** [Exploring Perceptions and Definitions of Walkability](#), 2022/01/31

6. ***Trinity College Dublin,*** Ireland. Future Cities - Hong Kong, 2021/05/12*

7. Hong Kong Science and Technology Park (HKSTP), HK. Technology and Traffic Simulations. 2021/03

8. ***Smart and Sustainable Mobility: Delivering Low Carbon Places,*** CILT Green Series Webinar, London, United Kingdom, 21/04/2020 [Invited Panellist, with Giles Perkins, Deborah Fox & Lucie Anderton]
Speech title: The Importance of a Strategic Framework

9. ***Portugal Mobi Summit, Portugal.*** Panel Discussion. 2020/10*

10. ***New Perspectives on Holistic Rehabilitation and Social Inclusion towards 2030 邁向 2030 : 推動全人復康與社會共融新思維.*** 28-29/03/2019 [Invited Plenary Speaker] (in Cantonese)
Speech title: 殘疾人士的流動性：科技與鄰裡環境的重要性 (Mobility of Persons with Disabilities: The Relevance of Technologies and Neighbourhood Environment)

11. ***Sharing Session, Harbour Unit, Development Bureau, The Hong Kong SAR Government*** Conference Hall C, 2/F, Central Government Offices, Hong Kong, 02/06/2017. [Invited Speaker]
Speech title: Walkability in Hong Kong: Pedestrian Planning

12. ***Knowledge Sharing Seminar of Hong Kong 2030+: Towards a Planning Vision and Strategy Transcending 2030.*** Planning Department, Multi-purpose Hall, City Gallery, Hong Kong, 01/04/2017. [Guest Speaker]
Speech title: Transport, Life

13. ***Professional Forum for Traffic Engineers 2017. Transport Department.*** Auditorium of CSTDI, North Point Government Offices, Hong Kong, 20/02/2017. [Invited Speaker]
Speech title: Walkability: Opportunities for Enhancement

14. ***PedBike Trans,*** Brisbane, Australia. 05/08/2015. [Invited Speaker]
Speech title: Bicycle Collisions: Geographical and Behavioural Aspects

15. ***Queensland Department of Transport and Main Roads,*** Brisbane, Australia, 30/07/2015. [Invited Speaker] 🌸
Speech title: Neighbourhood, Social Capital and Health of the Seniors

16. *OECD Roundtable on Public Private Partnerships for Funding Transport Infrastructure: Sources of Funding, Managing Risk and Optimism Bias*. IEA Headquarters, 9 rue de la Federation, 75105 Paris, France, 27-28/09/2012. [Invited panellist with funding from host].
17. *Bicycle Injury: From Global to Local: NTWC Program cum Central Commissioned Training Program 2012*, HK, 11/11/2012. [Invited Speaker]
Speech title: The Relationship between Geographical and Behavioral Characteristics in Bicycle Injury
18. *RGS-IBG Annual International Conference*, London, United Kingdom, 1-3/09/2010. [Invited guest of the transport geography session with funding from host]
19. *Green Transport in Hong Kong: Asia's World City, Shanghai Expo*, China, 18/06/2010. [Invited panel member with funding from host].
20. *Busan International Conference on Global Strategy for Regional Economic Development and Urban Regeneration*, Busan, South Korea, 14-17/04/2008. [Invited participant with funding from host]

I.5) EDITORSHIPS

1. Kourtit, K., Loo, B.P.Y., & Nijkamp, P. (In progress). (Guest Eds.). *Transportation Research Part A- Policy and Practice*. [Special Issue on "The 15-minute city: A Transportation and Accessibility Challenge"](#). (IF₂₀₂₃=6.3) [Q1; 95.4%³] 🍀🔴
2. Loo, B.P.Y. (In progress). (Guest Ed.). *Social Science & Medicine*. [Special Issue on "Slow Mobility, Environment and Health"](#). (IF₂₀₂₃=4.9) [Q1; 92.4%¹⁹] 🍀🔴
3. Loo, B.P.Y., Ng, S.T., & Ochieng, W.Y. (2024). (Guest Eds.). *Sustainable Cities and Society*. Special Issue on "People-Environment-Infrastructure Relationship in Future Cities". (IF₂₀₂₃=10.5) [Q1; 97.3%¹⁸] 🍀
4. Loo, B.P.Y., Jones, P., & Zhao, P. (2022). (Guest Eds.). *Journal of Transport Geography*. Special Issue on "Cities for People". (IF₂₀₂₃=5.7) [Q1; 96.2%⁶] 🍀
5. Loo, B.P.Y., & Wang, D. (2014). (Guest Eds.). *Journal of Transport Geography*. Special Issue on "Changing Landscapes of Transport and Logistics in China". (IF₂₀₂₃=5.7) [Q1; 96.2%⁶] 🍀
6. Lam, W. W.Y., & Loo, B.P.Y. (2013). (Eds.). *Travel Behaviour & Society: Proceedings of the 18th International Conference of HKSTS, 14-16/12/2013*. HK: HKSTS. (ISBN: 978-988-15814-2-6)
7. Loo, B.P.Y. (2008). (Guest Ed.). *International Journal of Sustainable Transportation*. Special Issue on "Sustainable Transport Experiences: An International Survey". (IF₂₀₂₁=3.963) [Q2; 60.24%⁴]
8. Loo, B.P.Y., & Lam, S.W.K. (2005). (Guest Eds.). *Transportmetrica*. Special Issue on "Some Recent Advances in Transportation Studies". (IF₂₀₂₃=3.6) [Q2; 66%⁴]
9. Loo, B.P.Y. & Lam, S.W.K. (2003). (Editors). *Transportation and Logistics: Proceedings of the 8th Conference of HKSTS, 13-14/12/2003*. HK: HKSTS. (ISBN: 988-97488-1-9)
10. Loo, B.P.Y. (2002). (Guest Ed.). *Networks and Communication Studies*. Special Issue on Internet Development in Asia.
11. Loo, B.P.Y. (2002). (Ed.). *Quality Assurance Handbook*. HK: CILTHK.
12. Ho, S.F., Loo, B.P.Y., Wong, S.C., & Lo, H.K. (2003). (Eds.). *Professional Qualifying Examination: Jan. & May 2003: Question Papers and Suggested Solutions*. HK: CILTHK.
13. Ho, S.F., Wong, S.C., B.P.Y. Loo, & Lo, H.K. (2002). (Eds.). *Professional Qualifying Examination May 2002: Question Papers and Suggested Solutions*. HK: CILTHK.
14. Wong, P.C.C., Wong, S.C., B.P.Y. Loo, & Leung, B.S.Y. (2001). (Eds.) *Professional Qualifying Examination: Question Papers and Suggested Solutions, May 2001*. HK: CILTHK.

I.6) CONFERENCE AND WORKING PAPERS

Becky has presented >200 research papers in at local, regional and international conferences/seminars in Ascona (Switzerland), Athens (Greece), Berkeley (USA), Berlin (Germany), Birmingham (UK), Bremen (Germany), Brisbane (Australia), Budapest (Hungary), Busan (South Korea),

Chicago (USA), Denver (USA), Geneva (Switzerland), Helsinki (Finland), Hoh Chi Minh City (Vietnam), Honolulu (USA), Johannesburg (South Africa), Kobe (Japan), Kyoto (Japan), Leeds (UK), London (UK), Melbourne (Australia), Montreal (Canada), New Orleans (USA), Oxford (UK), Paris (France), Rio de Janeiro (Brazil), Sao Paulo (Brazil), Santiago (Chile), Seoul (South Korea), Singapore (Singapore), Sydney (Australia), Tallinn (Estonia), Tel Aviv (Israel), Tunis (Tunisia) and various cities in China.

I.7) WORKS OF FICTION, CONSULTING REPORTS, CASE STUDIES, ETC.

1. Loo, B.P.Y. (2020). Final Report on *Re-establishing Ferry's Key Position in the Sustainable Transport System of Hong Kong*, Final Report submitted to the Public Policy Research Funding Scheme, Policy Innovation and Co-ordination Office, Hong Kong SAR Government.
2. Loo, B.P.Y. (2017). Government Consultancy Research on *Walkability in Pedestrian Planning and Enhancement of Pedestrian Network in Hong Kong* (PLB(Q)016/2015), Institute of Transport Studies, HKU. 🌸
 - A Preliminary Assessment Report, a Task 1 Report, a Task 2 Report, a Task 3 Report, a Task 4 Report, and a Final Report
3. Department of Civil Engineering and Institute of Transport Studies. (2015). *Review for Study on Applying Adjustment/Calibration Factor to Car Journey Time Survey Conducted beyond the Regular Survey Period* (Agreement No. TD 48/2015) (PI: S.C. Wong)
4. Wong, S.C., Sze, N.N., Loo, B.P.Y., Tsui, K.L., So, F.L., Lee, H.S., & So, S.S. (2013). *Bicycle Injury Prevention Program in Tuen Mun District. Final Report Health Care and Promotion Fund* (Project No.: 24100244) [Award 2015]
5. Department of Civil Engineering & Institute of Transport Studies, HKU. (2012). *Research Study on the Installation of Seat Belts on Student Service Vehicles in Hong Kong: Final Report* (10/2012). Prepared for the Transport Department, HKSAR Government. (Agreement No.: TD 31/2010) (PI: S.C. Wong)
6. Wong, S.C., Sze, N.N., Loo, B.P.Y., Tsui, K.L., & So, F.L. (2012). *Bicycle Injury Prevention Program in Tuen Mun District: Analysis of Bicycle Accident Hot Zones and Site Investigation*. Prepared for the Tuen Mun District Council.
7. Wong, S.C., Sze, N.N., Loo, B.P.Y., Chow, S.Y., Lo, H.K., & Hung, W.T. (2011). *Performance Evaluations of the Trial Spiral-marking Roundabouts in Hong Kong, 2004-2010*. Prepared for the Road Safety Research Committee, Road Safety Council, Hong Kong SAR Government.
8. Chow, C.B., Kwong, J.T.H., Leung, M., Lai, A.S.F., & Loo, B.P.Y. (2010). *Development of an Integrated Traffic Injury Database in Kwai Tsing: Final Report (05/2010)*. A project funded by the Health Care and Promotion Fund (Project No.: 21070504). [Award 2011]
9. Holliday, I., Loo, B.P.Y., Mok, K.H., Ng, C.N., & Walker, R.M. (2009). *Further Developing Hong Kong as a World City: Report on Brainstorming Sessions, 04/2009* (Internal report submitted to Information Services Department, Hong Kong SAR Government).
10. Loo, B.P.Y. (2007). *The Redistribution of Container Truck Traffic among Different Land-based Customs Check-points after the Opening of the Shenzhen Western Corridor: Final Report*. A contract research project funded by Route 3 (CPS) Co. Ltd.
11. MVA Hong Kong Limited (Loo, B.P.Y. as a consultancy team member) (2004). *Study of Air Travel Demand in Guangdong and Hong Kong International Airport's Surface Transport Connectivity Strategy*. A Consultancy Report commissioned by the Airport Authority Hong Kong.
12. Loo, B.P.Y., Hung, W.T., Lo, H.K., & Wong, S.C. (2002). *Review of Overseas Practices on the Formulation of Road Safety Strategy and the Effectiveness and the Applicability in Hong Kong*. A consultancy report commissioned by Transport Department, Hong Kong SAR Government.
 - *Final Report, Applicability Report, Evaluation Report, Review Report* 🌸

I.8) RESEARCH GRANTS

I.8.1) EXTERNAL PEER-REVIEWED COMPETITIVE RESEARCH GRANTS/FUNDING

1. **A Smart Planning Platform for Safe and Efficient MiC Module Transport 組合建築模塊安全高效運輸智慧規劃平臺**

Principal Investigator: Wei Pan

Co-investigators: Becky P.Y. Loo, S.M. Yiu, Fu Zhang, Louis Chu, Zhiqian Zhang & Zhenjie Zheng

Funding Source: Smart Traffic Fund (HKD21.47million) (Project number: PSRI/69/2306/RA)

Project Duration: 01/12/2023-30/11/2025

2. **Estimating carbon emissions, assessing decarbonization strategies and managing green transportation in Hong Kong with a multifunctional simulation platform 用以估算香港碳排放量、評估減碳策略與管理綠色運輸的多功能仿真平台**

Principal Investigator: Jintao Ke

Co-investigators: S.C. Wong, Becky P.Y. Loo & Mei-Po Kwan

Funding Source: Environment and Conservation Fund (HKD0.5million) (Project number:102/2022)

Project Duration: 01/03/2024-28/02/2026

3. **Teleworking in the E-society: Spatiotemporal Patterns, Influencing Mechanism and Spatial Effect 智慧社會下的遠程辦公：時空模式、影響機理及空間效應**

Principal Investigator: Bo Wang

Co-Investigator: Becky P.Y. Loo & Y. Yu

Funding Source: National Natural Science Foundation of China 國家自然科學基金 (RMB0.45million) (Project number: 42271210)

Project Duration: 01/01/2023-31/12/2026

4. **Understanding the Dynamic Nature of the Healthy Aging Framework: A Real-time Assessment of Person-environment Interaction using Smartphone Application and Ecological Momentary Assessment**

Principal Investigator: Terry Y.S. Lum

Co-Investigator: O.F. Chan, Y. Guo, Y. Liu, Becky P.Y. Loo, S. Lu, H. Luo, M. Martin, E.C.H. Ngai, C. Rocke & G.H.Y. Wong

Funding Source: General Research Fund (GRF) (HKD0.94million) (Project number: 17625122)

Project Duration: 01/01/2023-28/02/2025

5. **An Evidence-based, Three-dimensional Agent-based Model for Managing Communicable Diseases in a Hyperdense Metropolis**

Principal Investigator: Keumseok Koh

Co-Investigator: Jaewoo Lee & Becky P.Y. Loo

Funding Source: General Research Fund (GRF) (HKD0.24million) (Project number: 27601922)

Project Duration: 01/01/2023-31/12/2024

6. **Improving Bus Safety in Hong Kong: From Advanced Spatial Analysis to Artificial Intelligence 以空間分析和人工智慧提升香港巴士交通安全**

Principal Investigator: Becky P.Y. Loo

Funding Source: RGC GRF (HKD1.12million) (Project number: 17616221)

Project Duration: 01/01/2022-31/12/2024

7. **Investigation of High-ozone episodes in Southern China due to Distant Tropical Cycles 熱帶氣旋引起的高臭氧調查 (completed)**

Principal Investigator: Nicky Y.F. Lam

Co-Investigator: Becky P.Y. Loo

Funding Source: Environment and Conservation Fund (ECF) (HKD0.86million)

Project Duration: 01/08/2019-31/07/2021

8. **Ageing-in-place in Chinese Cities: Promoting Quality of Life through the Urban Environment, Smart Technologies and Big Data 基於大小資料結合的城市居家養老生活品質與鄰里環境關係研究 (41671154) (Completed)**

Principal Investigator: Becky P.Y. Loo

Funding Source: National Natural Science Foundation of China 國家自然科學基金 (RMB0.68million)

Project Duration: 01/01/2017-30/12/2020

9. Re-establishing Ferry's Key Position in the Sustainable Transport System in Hong Kong 重塑渡輪成爲香港可持續交通模式的重要地位(Completed)

Principal Investigator: Becky P.Y. Loo

Funding Source: Public Policy Research (PPR) Funding Scheme, Policy Innovation and Co-ordination Office (HKD0.81million)

Project Duration: 15/06/2018-14/12/2019

10. Understanding Children's Independent Mobility and their Road-crossing Ability: Challenges and Opportunities in Hong Kong (Completed) ●

Principal Investigator: Becky P.Y. Loo

Co-Investigator(s): K.L. Tsui & F.L. So

Funding Source: RGC GRF (HKU 406314) (HKD0.63million)

Project Duration: 01/01/2015-31/12/2017

11. "Walkability" in Pedestrian Planning and Enhancement of Pedestrian Networks in Hong Kong (Completed) (PLB(Q)016/2015)

Principal Investigator: Becky P.Y. Loo

Funding Source: Development Bureau (HKD1.40million)

Project Duration: 05/03/2016-01/03/2017

12. Revisiting the "Three Ds" in Transit-oriented Development (TOD): A People-oriented and Place-based Perspective (Completed) (HKU 748912) ●

Principal Investigator: Becky P.Y. Loo

Funding Source: RGC GRF (HKD0.67million)

Project Duration: 01/01/2013-31/12/2015

13. Healthy Ageing and Sustainable Transport (Completed)

Principal Investigator: Becky P.Y. Loo

Funding Source: HKU, 27th Round PDF/RAP Scheme (HKD0.63million)

Project Duration: 07/09/2012-06/09/2015

14. Promoting Active Transportation for the Elderly: A Comparative Study of Three Asian Cities (Completed) ●

Principal Investigator: Becky P.Y. Loo

Co-investigator(s): W.W.Y. Lam, Keiko Katagiri & Rathi Mahendran

Funding Source: Global Asia Institute (GAI) NUS Initiative to Improve Health in Asia (NIHA) (HKD0.96million)

Project Duration: 15/05/2012-14/06/2015

15. Bicycle Injury Prevention Program in Tuen Mun District (Completed) (24100244)

Principal Investigator: S.C. Wong

Co-investigator(s): N.N. Sze, Becky P.Y. Loo, K.L. Tsui, F.L. So, H.S. Lee & S.S. So

Funding Source: Health Care and Promotion Fund Committee, Food and Health Bureau, Hong Kong SAR Government (HKD0.23million)

Project Duration: 01/09/2011-28/02/2013

16. Understanding and Enhancing the Mobility and Safety of Elderly Pedestrians (Completed) ●

Principal Investigator: Becky P.Y. Loo

Co-investigator(s): K.L. Tsui

Funding Source: RGC GRF (HKU 749210) (HKD0.65million)

Project Duration: 01/01/2011-30/06/2013

17. Consultancy Study on the Installation of Seat Belts on Student Services Vehicles (SSVs) in Hong Kong (Completed)

Principal Investigator: S.C. Wong

Co-investigator(s): T. Sze, P. Poon, K.Y. Sze, F.W.H. Chan, W.T. Hung, H.K. Lo & Becky P.Y. Loo

Funding Source: Highways Department, HKSAR Government (HKD1.04million)

Project Duration: 01/08/2010-26/04/2012

18. Rail-based Transit-oriented Development: Urban Structure and Geographical Characteristics (Completed) ●

Principal Investigator: Becky P.Y. Loo

Funding Source: RGC GRF (HKU 7481 08H) (HKD0.54million)

Project Duration: 01/01/2009–30/06/2011

19. Research on Hot Zones: Facing the Theoretical and Methodological Challenges (Completed) ●

Principal Investigator: Becky P.Y. Loo

Funding Source: RGC CERG (renamed as GRF later) (HKU 7472 07H) (HKD0.85million)

Project Duration: 01/01/2008–31/12/2010

20. Development of an Integrated Traffic Injury Database in Kwai Tsing (Completed)

Principal Investigator: Chun Bong Chow

Co-Investigator(s): T.H.J Kwong, M. Leung, S.F.A. Lai & Becky P.Y. Loo

Funding Source: Health Care and Promotion Fund Committee, Food and Health Bureau, HKSAR Government (21070504) (HKD0.22million)

Project Duration: 01/03/2008–28/02/2010

21. From the Black Spot to "Black Zone" Methodology in Road Safety Research: A Case Study of Hong Kong (Completed) (729604) ●

Principal Investigator: Becky P.Y. Loo

Co-investigator(s): W.S. Chan

Funding Source: RGC CERG (renamed GRF) (HKD0.64million)

Project Duration: 01/01/2005–30/06/2007

22. Review of Overseas Practices on the Formulation of Road Safety Strategy and the Effectiveness and Applicability in Hong Kong (Completed) (RSS 1/2002)

Project Leader: Becky P.Y. Loo

Team Members: W.T. Hung, Hong K. Lo & S.C. Wong

Funding Source: Transport Department, HKSAR Government (HKD0.50million)

Project Duration: 10/06/2002–10/09/2002

23. Improving Air Quality in Hong Kong: The Views of Public Transport Operators on Sustainable Transport (Completed) (HKU 7173 01H) ●

Principal Investigator: Becky P.Y. Loo

Co-investigator(s): Timothy D.K. Hau & S.C. Wong

Funding Source: RGC CERG (renamed GRF) (HKD0.52million)

Project Duration: 31/12/2001–30/09/2004

External Peer-Reviewed Competitive Grants Related to "Teaching and Learning Innovations" are listed under [Section II.3.1](#).

I.8.2) INDUSTRY-SPONSORED AND OTHER RESEARCH GRANTS/FUNDING

1. Better Data Analytic Performance in Understanding Transportation in Smart Cities ●

Principal Investigator: Becky P.Y. Loo

Co-Investigator: Hayden K.H. So

Funding Source: Government Matching Grant Scheme (8th UGC) (HKD1.00million)

Project Duration: 01/05/2021–31/12/2025

2. Creating an Age-friendly MTR System: Sensory Challenges, Walking Environments and Wellbeing of the Elderly MTR Users

Principal Investigators: Tak Hin Chan (Lingnan University)

Co-Investigators: Kin Wai Michael, Siu, Becky P.Y. Loo & Tingting Elle Li

Funding Source: MTR Research Funding (MRF) (HKD0.68million)

Project Duration: 03/2024–04/2026

3. Guangdong-Hong Kong-Macao Joint Laboratory on Smart Cities (粵港澳智慧城市聯合實驗室) (Completed) ●

Principal Investigators (專案負責人): Guo Renzhong (Shenzhen University), Anthony G.O. Yeh (HKU) and Yuan Jiarong (Macao University)

Co-Investigators (主要參與人員) at HKU: Fang Bian, Zifeng Chen, Reynold Cheng, Weifeng Li, Becky P.Y. Loo, W.Y. Szeto, Jiangping Zhou & S.C. Wong (There are six key themes; Becky Loo is the Academic Leader 學術帶頭人 of Theme 4 on Smart City Development and Simulations.)

Funding Source: 2020 Guangdong Province Technological Innovation Special Fund of the Department of Science and Technology of the Guangdong Province (廣東省科學技術廳) (HKD5.89million)

Project Duration: 11/2023-06/2023

4. Using Computer Vision, Machine Learning, and Artificial Intelligence to Improve Bus Safety in Smart Cities: A Pilot Study (Completed) ●

Principal Investigator: Becky P.Y. Loo

Funding Source: Kowloon Motor Bus Company (1933) Limited (KMB), AND Research Matching Grant Scheme (RMGS) (UGC) (HKD0.28million)

Project Duration: 01/10/2020-30/09/2022

5. Reducing Transport Stress in Big Cities: MTR Passengers, Services and Stations (Completed)

Principal Investigator: Becky P.Y. Loo

Funding Source: The Mass Transit Railway Corporation (MTRC) (HKD0.50million)

Project Duration: 01/04/2020-28/02/2021

6. Reducing Transport Stress in Big Cities: Buses, Bus Stops and Bus Passengers (Completed)

Principal Investigator: Becky P.Y. Loo

Funding Source: Kowloon Motor Bus Company (1933) Limited (KMB) and Long Win Bus Company Limited (LWB), & Research Matching Grant Scheme (RMGS) (UGC) (HKD0.70million)

Project Duration: 01/12/2019-31/03/2021

7. Together in a Sustainable Transport Dream at the Two Bay Areas (One Dream, Two Bay Areas) (Completed) ●

Principal Investigator: Becky P.Y. Loo (HKU) & Gil Tal (UC Davis)

Co-investigator(s): J.H. Lee, A. Jenn, S. Hardman, J. Zhou, W. Li, P. Zhu, R.C.K. Cheng, Y-H Kuo, W.Y. Szeto & G.Q. Huang

Funding Source: UC Davis-HKU Collaboration in Research Scheme (HKD0.39million)

Project Duration: 01/08/2018-31/12/2020

8. Joint Laboratory on Future Cities ●

Principal Investigator: Becky P.Y. Loo

Co-Investigator: Hayden K.H. So

Funding Source: Prosit Philosophiae Foundation (HKD2.00million)

Project Duration: 01/07/2018-30/06/2025

9. New Algorithms and Approaches to Extract Land Cover Attributes through the Integration of Multisource and Multitemporal Satellite Images (Completed)

Principal Investigator: Raffa Laforteza

Co-Investigator: Becky P.Y. Loo, J Qi & R Bellotti

Funding Source: Seed Fund for Basic Research (HKD0.15million)

Project Duration: 28/06/2018-27/06/2020

10. The Role of Transport in Transiting to Liveable and Sustainable Cities in Europe and China (Completed) ●

Principal Investigators: Becky P.Y. Loo (HKU) & Peter Jones (UCL)

Funding Source: HKU-UCL Strategic Partnership Fund (HKD0.20million)

Project Duration: 01/01/2018-30/12/ 2019

11. Healthy and Active Ageing: What is the Role of the Urban Environment? (Completed)

Principal Investigator: Becky P.Y. Loo

Funding Source: Sixth Government Matching Grant Scheme (HKD0.27million)

Project Duration: 01/01/2014-31/12/ 2015

12. China's Mobility Transition 2030 (Completed) ●

Principal Investigator: Becky P.Y. Loo

Funding Source: CBMM Technology Suisse SA (HKD0.48million)

Project Duration: 08/2012-07/2013

13. Pedestrian Walkway Environment and Its Impact on People's Path Choice: A Comparative Study of Hong Kong and New York (Completed)

Principal Investigator: Becky P.Y. Loo

Co-Investigator(s): Zhan Guo

Funding Source: HKU Faculty of Social Sciences, "Managing World Cities" Initiative (HKD0.11million)

Project Duration: 04/2010–09/2011

Conference and small grants (less than HKD0.1 million) are not listed.

I.9) CONFERENCE AND WORKSHOP ORGANIZATION

1. **Co-Chairperson, The HK-Swiss Symposium on Future Cities**, Co-organized by ETH Zurich and HKU (Institute of Transport Studies and Joint Laboratory on Future Cities), 16-17/05/2022 (Co-chaired with Professor Kay Axhausen, ETH).
2. **Co-Chairperson, International Symposium on High-speed Railways and Regional Development**, Organized by HKU (Institute of Transport Studies) and Liverpool University and co-organized by Jiangxi Normal University (School of Geography and Environment) and *Computational Urban Science* (Springer), 12/05/2022 (Co-chaired with Professor Hui Lin, Jiangxi Normal University). ●
3. **Co-Chairperson and Convenor, People-environment Dynamics under COVID-19**, COVID-19 and Geography series, Department of Geography, HKU, 28/05/2020. ●
4. **Chairperson and Convenor, Location Intelligence, Human Mobility and Travel Restrictions under COVID-19**, COVID-19 and Geography series, Esri China (HK) Limited, HKU Geographic/Land Information System (GIS) Research Centre, and Department of Geography, HKU, 23/04/2020.
5. **Chairperson and Convenor, From Mapping SARS to COVID-19: Why and How Geography Matters?**, COVID-19 and Geography series, Department of Geography, HKU, 09/04/2020.
6. **Chairperson, International Conference on Smart Mobility and Logistics in Future Cities**, jointly organized by the Institute of Transport Studies, HKU, CILTHK, and Transport Department of HKSAR Government, Hong Kong Convention and Exhibition Centre, HK, 18-20/10/2018. ●
7. **Chairperson, Workshop on Electric Vehicles and Future Cities**, jointly organized by the Institute of Transport Studies at HKU and Tongji University Laboratory of Big Data Security for Transportation (BiDas-T), 29/09/2018, HK.
8. **Chairperson, HKU-UCL Symposium on The Role of Transport in Transiting to Liveable and Sustainable Cities in Europe and China**, 09/05/2018, Hong Kong.
9. **Chairperson, The 18th International Conference of the HKSTS: Travel Behaviour and Society**, jointly organized by the HKSTS, the Department of Geography and the Institute of Transport Studies at HKU, 14-16/12/2013. ●
10. **Chairperson, Workshop on Transportgraphy: Advances in Spatiotemporal Transport Analysis**. 12/12/2012, jointly organized by the Institute of Transport Studies and the HKSTS.
11. **Chairperson, Second International Symposium on Road Safety (ISRS' 2006)**, 05/08/2006 (ISRS' 2006), jointly organized by the Transport Department of HKSAR Government and the School of Geography of HKU (05/2005-9/2006)
12. **Chairperson, Post-conference Workshop of The Ninth International Conference of the HKSTS on Sustainable Urban Transportation: Concepts, Policies and Methodology**, 12/2004, jointly organized by the HKSTS and the Department of Geography of HKU (09/2003-12/2004)
13. **Co-Chairperson, The Eighth International Conference of HKSTS on Transportation and Logistics**, 12/2003, jointly organized by HKSTS, the Airport Authority Hong Kong and the Department of Geography of HKU (09/2002-12/2003) ●
14. **Organizing Committee Member/ Scientific Committee Member (Selected)**
Euro Working Group on Transportation (EWGT) conference 2024; International Forum on Shipping, Ports and Airports (IFSPA) 2024; 9th International Symposium on Transport Network Resilience (INSTR) 2023

I.10) PRIZES, AWARDS, HONOURS & FELLOWSHIPS

Fellow of the Academy of Social Sciences (FACSS), United Kingdom 英國社會科學院院士 ●

- The award of the Fellow of the Academy of Social Sciences (FACSS) has been conferred on Professor Becky P.Y. Loo for her contribution to social science on 01/10/2019.

2020 Chang Jiang Scholar, Chair Professor, Ministry of Education, PRC (長江學者講座教授) ●

- This high-level official award and title Chang Jiang Scholar was conferred by the Ministry of Education, People's Republic of China. She is a Chang Jiang Scholar at the School of Geography and Environment of Jiangxi Normal University from 04/2021-03/2024.

Fellow of Industry Academy, The International Artificial Intelligence Industry Alliance (AIIA)

- Elected on 11/03/2024

The Eastern Asia Society for Transportation Studies (EASTS) Outstanding Transportation Project Award 2019

- Awarded by the Eastern Asia Society for Transportation Studies (EASTS) to Becky P.Y. Loo on her project entitled "Walkability in Pedestrian Planning and Enhancement of Pedestrian Network in Hong Kong". The award was presented on the occasion of the 13th EASTS International Conference in Colombo, Sri Lanka on 9-12/09/2019 in recognition of the project's excellence in terms of social impact and planning in pursuit of the objectives of excellence in transportation projects in Eastern Asia.

Outstanding Health Promotion Project Award 2015

- Awarded by the Food and Health Bureau at the Health Promotion Symposium 2015 (11/2015) on Wong, S.C., Sze, N.N., Loo, B.P.Y., Tsui, K.L., So, F.L., Lee, H.S., & So, S.S. (2013). Bicycle Injury Prevention Program in Tuen Mun District. (Project No.: 24100244)

Griffith University Short Term Visiting Research Fellowship 2015

- The Fellowship supports visiting the Urban Research program in 2015 on the theme of "Active Transport, the Elderly and Quality of Life".

The University of Birmingham Institute of Advanced Study (IAS) Distinguished Visiting Fellowship 2015

- The Fellowship supports visiting the University of Birmingham as a **Distinguished Visiting Fellow (DVF)** on the theme of "Infrastructure and Urban Transformation".

The University of Oxford Fellowship 2013 & Distinguished Visiting Scholar ●

- The Fellowship is part of the scheme of the Association of Commonwealth Universities (ACU) Titular Fellowships. It is a prestigious and competitive award to support staff from member institutions to spend time in another member institution outside their own country.

The Most Outstanding Community Partnership Award 2011

- The award honours people who have achieved distinction in health promotion in HK. Achievement is recognized through excellence in health promotion initiatives and impact on public health promotion. Our project on "Development of an Integrated Traffic Injury Database in Kwai Tsing" (Project No. 21070504) was by C.B. Chow (PI), J.T.H. Kwong, M. Leung, A.S.F. Lai and myself. The Award was presented at the Health Promotion Symposium 2011.

Outstanding Young Researcher Award 2006

- Supported more than 10 publications

**I.11) OTHER INFORMATION ON INTERNATIONAL STANDING
AND CONTRIBUTIONS TO KNOWLEDGE IN THE FIELD**

-
1. Clarivate Web of Science Profile: <https://www.webofscience.com/wos/author/record/891198>
 2. Scopus Profile: <https://www.scopus.com/authid/detail.uri?authorId=7005145560>
 3. Google Scholar Profile: <https://scholar.google.com/citations?user=hyPdGdMAAAJ&hl=en>
 4. **Stanford University Top 2% Scientists of the world based both on career-long and year-specific citations (2020, 2021, 2022 & 2023) ●**
 - Based on the latest 2023 career-long citations, Becky ranks among the Global Top 100 within the sub-field of Logistics & Transportation. Among the Global Top 100 based in Hong Kong, she is the only one from a non-engineering background and is the only female.
 5. 2019-2023 HKU Top 1% Scholars (<http://hub.hku.hk/local/top1pc/top1pc.jsp>)
 6. Internationally, Becky is known as **"one of the foremost Asian scholars working in the area of infrastructure, transportation and urban transformation"**.
 7. **Referee/Reviewer in Evaluating Research Grants (Recent five years only)**
 - Dutch Research Council (NOW), the Netherlands; Economic & Social Research Council (ESRC), United Kingdom; European Science Foundation, Europe; Marsden Fund, New Zealand; National Natural Science Foundation of China (NSFC); Public Policy Research Fund, HK; Strategic Public Policy Research Fund, HK
 8. **Panel Member, European Research Council (ERC), Advanced Grants 2021 (Social Sciences and Humanities Panel on "Institutions, Values, Environment and Space") ●**
-

-
9. **Panel Member, ERC, Advanced Grants 2019** (Social Sciences and Humanities Panel on “Institutions, Values, Environment and Space”) ●

 10. **Panel Member, ERC, Advanced Grants 2017** (Social Sciences and Humanities Panel on “Institutions, Values, Environment and Space”) ●

 11. **Panel Member, ERC, Advanced Grants 2015** (Social Sciences and Humanities Panel on “Environment, Space and Population”) ●

 12. **Panel Member, Assessment Panel of the Innovation and Technology Fund for Better Living, Secretary for Innovation and Technology, Hong Kong SAR Government (05/2017-04/2023)** ●

 13. **Chair, Social and Economic Geography Panel, Exploratory Projects in All Scientific Domains (PEX) 2023, Fundação para a Ciência e a Tecnologia, I.P. (FCT), Portugal (2024) (08/2024-10/2024)** ●

 14. **College Member, European Research Council (ERC) Portugal Pre-Assessment Programme 2023-2024** ●

 15. **Member, Standing Committee on Statistical and Econometric Methods (AED60), Transportation Research Board (TRB), (US) National Academies of Sciences, Engineering, and Medicine (15/04/2020-14/04/2026)**

 16. **Referee for Non-local University Recruitment, Tenure and Promotion**
 - Included the University of Melbourne in Australia; Simon Fraser University in Canada; East China Normal University, Peking University, and Tsinghua University in mainland China; Hebrew University in Israel; Oxford University, University of Birmingham and Liverpool University in the UK; the National University of Singapore in Singapore, and the University of Alabama, University of Denver, and John Hopkins University in the USA

 17. **Clarivate Analytics InCites Essential Science Indicator (ESI) Author (since 03/2019)**

 18. **Member, Expert Advisory Group, Infrastructure Business Models, Valuation and Innovations for Local Delivery (iBUILD) (2013-2017)**
 - iBUILD is funded by a £3.5 million grant from EPSRC and ESRC. The programme also benefits from £1.8 million of other support. It is a consortium of three of the UK’s leading Universities: Newcastle University, University of Leeds and University of Birmingham.

 19. **Reviewer for a wide range of top journals** (other than those that I serve on the Editorial Boards)
 - Included *Nature Communications*, *Communications Earth & Environment*, *Journal of Cleaner Production*, *Transport Reviews*, *Transportation Research Part C-Emerging Technologies*, and *IEEE Transactions on Computational Social Systems*
-

II) TEACHING

II. 1) TEACHING EXPERIENCE

-
14. **GEOG7001 Survey and Data Analysis in Transport Studies, Master of Arts in Transport Policy and Planning (MATPP); Masters; 1997-1998, except 2013-2014 (co-taught in 2020-2021)**

 15. **GEOG3420 Transport and Society (formerly GEOG3411); Undergraduate (UG); since 2014-2015, 2012-2013 (GEOG3411), 2010-2011(GEOG3411), 2007-2008 (GEOG2105)**

 16. **GEOG3422 Contemporary Urban Transportation Issues; UG; since 2020-2021 (co-taught in 2020-2021)**

 17. **GEOG7103 MATPP Dissertation (18 credits), MATPP; Masters; since 1997-1998**

 18. **ARIN7600 Artificial Intelligence Project, Master of Science in Artificial Intelligence, MSc(AI); Masters; 2023-2024**

 19. **APAI4798, Applied AI Project (12 credits), Bachelor of Arts and Science in Applied Artificial Intelligence, BASc(Applied AI); UG; 2023-2024, 2022-2023**

 20. **GEOG4002/4 Directed Project in Geography/Urban Governance; UG; 2022-2023, 2021-2022**

 21. **GEOG4003 Honours Dissertation (12 credits); UG; 2023-2024, 2022-2023, 2021-2022**

 22. **Global Development; UG; 1999-2000 to 2016-2017, except 2013-2014)**

 23. **Survey and Statistical Techniques in Geography; UG; 2006-07, 2005-06, 2003-04, 2002-03, 2001-02, 2000-01, 1999-00**

 24. **Geography of Information Technology; UG; 2006-07, 2004-05, 2002-03, 2001-02, 2000-01**

 25. **Geography of Poverty and Wealth, UG; 2011-2012, 2008-09**
-

26.	Methodological Issues in Geography; UG; 2000-01(co-taught)
27.	Overseas Field Trip; UG; 1999-00, 1997-98
28.	China Studies for Surveying Students; UG; 1998-99, 1997-98
29.	Geography of Global Development; UG; 1998-99
30.	Research Methods in Transport Studies; Masters; 2006-2007 to 2018-2019, except 2013-2014
31.	Quantitative and Computing Techniques; UG; 1997-98 (co-taught), 1998-99 (co-taught)
32.	Transport and Development; Postgraduate; 1997-98

II.2) POSTGRADUATE SUPERVISION

II.2.1) TAUGHT POSTGRADUATES

Becky has supervised **50** taught postgraduate dissertations or projects (12 credits) in the Master of Arts in Transport Policy and Planning (MATPP), Master of Science in Artificial Intelligence (MSc(AI)) and the Master of Arts in China Studies (MACHS) programmes since 1997.

II.2.2) RESEARCH POSTGRADUATES

1.	Li, Xiangyi. <i>Built environment</i> (Field of Study). Doctor of Philosophy , HKU, 08/2027 (expected).
2.	Liang, Yiqing. <i>Sustainable transport</i> (Field of Study). Doctor of Philosophy , HKU, 08/2027 (expected).
3.	Li, Zhixuan. <i>Smart city and transport poverty</i> (Field of Study). Doctor of Philosophy , HKU, 08/2026 (expected).
4.	Wang, Hui. <i>Geography and transportation</i> (Field of Study). Doctor of Philosophy , HKU, 08/2026 (expected).
5.	Fan, Zhuangyuan. <i>Transport geography</i> (Field of Study). Doctor of Philosophy , HKU, 08/2025 (expected). (HKPFS and HKU-PS awardee) (Awardee of HKU Foundation Publication Award for Research Postgraduate Students 2024)
6.	Lian, Ting. (2024). <i>Towards a sustainable urban transport system: Applications of spatial analysis and machine learning methods</i> . Doctor of Philosophy Thesis, HKU. (Awardee of Dissertation Year Fellowship)
7.	Wong, Wai Man. (2024). <i>Dynamic spatial data in sustainable smart city</i> . Doctor of Philosophy Thesis, HKU. (submitted) (part-time).
8.	Zhang, Feiyang. (2023). <i>The role of urban environment in everyday life: A multi-scale analysis</i> . Doctor of Philosophy Thesis, HKU.
9.	Huang, Zhiran. (2023). <i>Different spatio-temporal dimensions of urban traffic congestion</i> . Doctor of Philosophy Thesis, HKU.
10.	Tsoi, Ka Ho. (2021). <i>Strategic Pathways for sustainable transport: National, regional and local perspectives</i> . Doctor of Philosophy Thesis, HKU. (UPF awardee) (Champion of Esri Young Scholars Award, HK) (Awardee of RGC Postdoctoral Fellowship Scheme)
11.	Leung, Yin Kiu. (2020). <i>Childhood in Hong Kong: Perspectives from children's safety, mobility and wellbeing</i> . Doctor of Philosophy Thesis, HKU.
12.	Wang, Bo. (2017). <i>Geography of the e-society in China</i> . Doctor of Philosophy Thesis, HKU.
13.	Yang, Zi. (2016). <i>Road safety and land use: Different methods in detecting hazardous road locations</i> . Doctor of Philosophy Thesis, HKU.
14.	Nichols, Samantha Laura. (2015). <i>Sustainable transport in Hong Kong: Reshuffling the transport hierarchy based on geographical and trip characteristics variations</i> . Master of Philosophy Thesis, HKU.
15.	Li, Linna. (2014). <i>The role of railways in sustainable transport: A case study of China</i> . Doctor of Philosophy Thesis, HKU.
16.	Wu, Yuhao. (2014). <i>Motorcycle safety in developing countries: A case study of Maoming, China</i> . Doctor of Philosophy Thesis, HKU.
17.	Du Verle, Frederic Daniel. (2013). <i>Geographical variability of transit-oriented development in Hong Kong</i> . Master of Philosophy Thesis. HKU.

-
18. Yao, Shenjun. (2013). *Advances in spatial analysis of traffic crashes: The identification of hazardous road locations*. **Doctor of Philosophy** Thesis, HKU.
-
19. Lam, Wing Yee Winnie. (2012). *Individual mobility for socially sustainable transport*. **Doctor of Philosophy** Thesis, HKU.
-
20. Cheng, Hon Ting. (2010). *Understanding rail-based transit-oriented development: The dynamics of metro systems, population and income growth*. Master of Philosophy Thesis, HKU.
-
21. Chow, Sin Yin Alice. (2010). *Spatial perspective on sustainable transport under population decentralization: A case of Hong Kong*. **Doctor of Philosophy** Thesis, HKU.
-
22. Chan, Tak Hin Eric. (2009). *A comparative analysis of railway patronage in two metropolitan cities: Hong Kong and New York City*. Master of Philosophy Thesis, HKU. (now completed PhD from the University of Oxford)
-
23. Tsui, Miu Kuan. (2006). *Pedestrian crashes in commercial and business areas: A case study of Hong Kong*. Master of Philosophy Thesis, HKU.
-
24. Wong, Yan Ping Agnes. (2003). *The geography of Internet production and consumption in the Asia-Pacific*. Master of Philosophy Thesis, HKU.
-

In addition to the postgraduates that I supervised, I have served as an Examiner of **36** other research postgraduate theses locally and overseas in Australia, Singapore and the Netherlands. I hosted an exchange PhD student Romi Satria (supervisor Mario Castro) from Universidad Politecnica de Madrid, Spain in 2019.

II.3) CURRICULUM DEVELOPMENT AND TEACHING INNOVATIONS

II.3.1) PEER-REVIEWED COMPETITIVE TEACHING GRANTS

1. Education Bureau, HKSAR Government (Completed)

Project Title: Conducting Spatial Enquiry in the New Senior Secondary Geography Curriculum

Principal Investigator: Becky P.Y. Loo

Award Date: 05/02/2007 (HKD0.44million)

2. University Grants Committee (UGC) Teaching Development Grant (TDG) (Completed)

Project Title: Integrating the Teaching of Transportation and Geographic Information Systems in Hong Kong's Tertiary Education

Principal Investigator: Becky P.Y. Loo

Co-investigators: P.C. Lai, Lin Hui

Award Date: 10/07/2002 (HKD1.47million)

II.4) LEADERSHIP AND SCHOLARSHIP OF TEACHING AND LEARNING

II.4.1) MEMBERSHIP OF COMMITTEES ON TEACHING AND LEARNING

For Membership of Committees on Teaching and Learning at HKU, see [Section III.1](#).

II.4.2) LEADERSHIP IN GEOGRAPHICAL EDUCATION

-
1. **Chairperson**, Curriculum Development Council (CDC)-Hong Kong Examinations and Assessment Authority (HKEAA) Committee (One Committee) on Geography (Senior Secondary), HKSAR Government (Member 07/2003-08/2015; Chairperson 12/2007-03 & 07/2013-08/2015) 🌸
 2. Member, Ad Hoc Committee on the Revision of S1-3 Geography Curriculum, Curriculum Development Council, HKSAR Government (since 10/2008)
 3. Member, Focus Group (Geography, Junior Secondary PSHE) for the Development of Depository of Curriculum-based Learning and Teaching Resources, Education Bureau, HKSAR Government (since 11/2010)
-

-
5. Setter, Sample Papers for the New Secondary School Geography Curriculum in the Hong Kong Diploma of Secondary Education (HKDSE), HKEAA, HKSAR Government (04/2007-03/2008)

 6. **Chairperson** and Member, Working Party on the Review of AL Geography Syllabus, HKEAA, HKSAR Government (09/2000-08/2003, Chairperson from 09/2000-08/2002)

 7. **Chairperson** and Member, Sixth Form Geography Subject Committee, HKEAA, HKSAR Government (09/2000-08/2003, Chairperson from 09/2000-08/2001 and 09/2002-08/2003)

 8. **Chief Examiner**, Hong Kong A-level Geography Examination 2003 Paper I, HKEAA, HKSAR Government (also Co-setter of Papers I & II and Proof-reader of Paper II) (02/2002-08/2003)

 9. **Chief Examiner**, Hong Kong A-level Geography Examination 2002 Paper II, HKEAA, HKSAR Government (also Co-setter of Papers I & II, Proof-reader of Paper I and Marker of Paper I) (02/2001-08/2002)

 10. Moderator, Hong Kong A-level Geography Examination 2004 Papers I & II, HKEAA, HKSAR Government (02/2003-08/2004)

 11. Proof-reader, Hong Kong A-level Geography Examination 2005 Papers I & II, HKEAA, HKSAR Government (02/2004-08/2005)

 12. External Advisor/Reviewer, Quality Education Fund (since 01/1998)
-

II.4.3 LEADERSHIP IN PROFESSIONAL EDUCATION IN TRANSPORT AND LOGISTICS

-
1. **Chairperson, Quality Assurance Committee, CILTHK** (10/2024-09/2026)(Member: 08/2002-08/2022) ●

 2. Member, **International Membership Accreditation Panel**, CILT International (10/2008-05/2016)

 3. **Chairperson**, International Membership Standards Committee, CILT International (08/2012-06/2017) ●

 4. Deputy Education and Training Officer, CILTHK (10/2002-09/2004); Mentor for young members, CILTHK (03/2005-09/2006)

 5. Academic Assessor and Member of various Committees in Logistics and Transport Operations programmes of HKU SPACE (various years)
-

II.5 ACADEMIC QUALIFICATIONS

Doctor of Philosophy

Transport and Regional Development: A Case Study of the Zhujiang Delta under the Open Policy
Supervisors: Prof. C.K. Leung, Prof. V.S.F. Sit
Institution: HKU
Date of Award: 08/1997 (submission); 12/1998 (congregation)

Bachelor of Arts (First Class Honours)

Major in Geography
Minor in Economics
Institution: HKU
Date of Award: 12/1992

Hong Kong A-level Examination (HKALE)

Economics: A
History: A
Geography: A
Use of English: A
School: Queen Elizabeth School
Date of Award: 07/1989

II.6 TEACHING OR STUDY PRIZES AND AWARDS

Personal: Teaching

-
1. Loo, Becky P.Y. Outstanding Teaching Award 2008-2009
-

Date of Award: 19/12/2008

Personal: Academic Prizes and Awards

1. **Li Po Chun Postgraduate Scholarship**, 1994-1995, HKU
2. **Swire Scholarship**, 1994-1995, HKU
3. Postgraduate Studentship, 1994-1995, HKU
4. **Sir Edward Youde Memorial Fellowship**, 1993-1994
5. Swire Scholarship, 1993-1994, HKU
6. Postgraduate Studentship, 1993-1994, HKU
7. Sir Edward Youde Memorial Fellowship, 1992-1993
8. Swire Scholarship, 1992-1993, HKU
9. Postgraduate Studentship, 1992-1993, HKU
10. Research Grants for Higher Degree Students, 1992-1993, HKU
11. **Hui Oi Chow Prize in Geography and Geology**, 1991-1992, HKU
12. **Yeung Wing Hong Memorial Prize**, 1988-1989, Queen Elizabeth School
13. **Arthur Hinton Scholarship**, 1988-1989, Queen Elizabeth School
14. Certificate of Merit (Economics), 1988-1989, Queen Elizabeth School
15. Certificate of Merit (Geography), 1988-1989, Queen Elizabeth School
16. Certificate of Merit (History), 1988-1989, Queen Elizabeth School
17. Certificate of Merit (Economics), 1987-1988, Queen Elizabeth School
18. **Academic Award**, 1986-1987, Holy Family Canossian College

III) ADMINISTRATION AND SERVICES

III.1) HKU

1. **Founding Co-Director, Joint Laboratory on Future Cities (JLFC)** (07/2019-06/2025) ●
2. **Programme Director, Master of Arts in Transport Policy and Planning programme** (since 09/1997)
3. **Director, Institute of Transport Studies (ITS)** (07/2014-06/2023) ●
(Deputy Director 07/2008-06/2014; Member since 10/2000)
4. Member, Faculty Summative Peer Review Panel of Teaching (09/2023-08/2025)
5. Vice-President, HKU Staff Association (HKUSA) (04/2020-03/2024)
6. **Panel Member, Review of the Faculty of Architecture** (04/2022-08/2022)
7. **Panel Member, Review of Centre for Innovation in Construction and Infrastructure Development (CICID)** (04/2022-08/2022)
8. Member, Social Sciences Faculty Human Resource Committee (08/2018-08/2021)
9. Alternate Member, Appeals Panel, Human Resource Policy Committee (02/2020-01/2022)
10. **Head, Department of Geography** (11/2017-10/2020) ●
11. Member, Human Resource, Promotion and Tenure Committee (HRPTC), Hong Kong Institute for the Humanities and Social Sciences (HKIHSS) (09/2017-04/2020)
12. Chairperson, Hui Oi-Chow Trust Fund Committee of Management (11/2017-10/2020)
13. Member, Executive Board, Centre for Water Technology and Policy (10/2018-09/2019)
14. Member, Advisory Board for the Laboratory of Neuroscience for Education (NfE Lab), Faculty of Education (09/2018-08/2020)
15. Mentor, HKU10, a programme to enhance gender parity in academic leadership at HKU (03/2018-09/2018, the Inaugural cohort)
16. Member, Faculty Curriculum Development Committee, Faculty of Social Sciences (11/2017-10/2020)
17. Member, Faculty Resources Allocation Committee, Faculty of Social Sciences (11/2017-10/2020)
18. Member, Common Core Curriculum Committee (01/2010-06/2016)
19. **Associate Dean, Graduate School** (01/2014-12/2015) ●

-
20. Assistant Dean, Graduate School 04/2013-12/2013)
-
21. **Associate Dean, Faculty of Social Sciences** (07/2008-08/2011) ●
-
22. **Deputy Chairperson, Human Research Ethics Committee for Non-clinical Faculties** (HRECNCf) (01/2013-12/2014)
-
23. Member, Policy Board of Postgraduate Education (01/2014-12/2015)
-
24. Member, Board for Professional Doctorates (08/2013-03/2015)
-
25. Leader, “Global Issues” Area of Inquiry (AoI), Common Core Curriculum Committee (01/2010-06/2016)
-
26. Fellow, Centre of Urban Studies and Urban Planning (CUSUP) (07/2013-06/2016)
-
27. Member, Social Sciences Promotion and Tenure Panel (PTP)(09/2011-08/2013)
-
28. **Chairperson, Higher Social Sciences Degrees Committee** (07/2008-08/2011) (Member 07/2007-06/2008)
-
29. **Chairperson, Faculty Ethics Panel (FEP), Faculty of Social Sciences** (04/2011-08/2011; member since 11/2007)
-
30. Member, Faculty Curriculum Development Committee (FCDC) (11/2010-08/2011)
-
31. Member, Faculty Research Committee, Faculty of Social Sciences (11/2007-08/2011)
-
32. **Chairperson, Faculty Teaching and Learning Quality Committee**, Faculty of Social Sciences (07/2008-12/2008)
-
33. Member, Departmental Research Committee, Department of Geography (09/1999-08/2025)
-
34. Honorary Advisor, Master of Arts in Transport Policy and Planning Association (MATPPA) (since 12/2000)
-

III.2) PUBLIC SERVICE

-
1. Member, Appeal Tribunal Panel Section 45 of the Buildings Ordinance (Cap. 123), The Hong Kong SAR Government (12/2021-11/2027) (Appointment on a personal basis)
-
2. Member, [Aviation Development and Three-runway System Advisory Committee \(ADTAC\)](#), Hong Kong SAR Government (08/2021-07/2025) (Appointment on a personal basis)
-
3. Member, [Harbourfront Commission](#), Hong Kong SAR Government (07/2010-06/2025) (Appointment on a personal basis 07/2021-06/2025) (Appointment on a personal basis) ●
-
4. **Chairperson, Task Force on Kowloon, Tsuen Wan and Kwai Tsing, Harbourfront Commission**, Hong Kong SAR Government (07/2010-06/2025) (Elected) ●
-
5. Member, [Common Spatial Data Advisory Committee \(CSDAC\)](#), Development Bureau, Hong Kong SAR Government (10/2020-09/2026) (Appointment on a personal basis)
-
6. Member, [Road Safety Research Committee \(RSRC\) of the Road Safety Council \(RSC\)](#), Hong Kong SAR Government (06/2003-05/2025) ●
-
7. Member, [Trustees of the Ocean Park Conservation Foundation \(OPCF\)](#), Hong Kong (09/2011-12/2024) (Appointment on a personal basis) (Chairperson, OPCF Scientific Committee)
-
8. Member, [Lantau Development Advisory Committee](#), Hong Kong SAR Government (02/2018-01/2024) (Appointment on a personal basis)
-
9. Member, [Transport Advisory Committee](#), Hong Kong SAR Government (10/2013-09/2019) (Appointment on a personal basis) ●
- In 2014, she served as a member of the Transport Advisory Committee Working Group on the Road Traffic Congestion. Many recommendations in the subsequent “Report on Study of Road Traffic Congestion” have been accepted by Hong Kong SAR Government.
-
10. Member, [Road Safety Council](#), Hong Kong SAR Government (08/2013-07/2019) ●
-
11. Member, Assessment Panel on Personal, Social and Humanities Education Key Learning Area, [Chief Executive’s Award for Teaching Excellence \(CEATE\)](#), Hong Kong SAR Government (2018/2019) (08/2018-12/2019)
-
12. Member, [Expert Group on Capacity to Receive Visitors and Green Transport for Lantau](#), Hong Kong SAR Government (07/2018-10/2022) (Appointment on a personal basis)
-

-
13. **Chairperson, [Transport Complaints Unit, Transport Advisory Committee](#)**, Hong Kong SAR Government (01/2018-09/2019) (Member: 11/2013-12/2017)
-
14. **[Member, Education Committee, The Ocean Park Corporation \(OPC\)](#)** (08/2012-06/2021) (Chairperson, Education Advisory Committee, 07/2014-06/2017)
-
15. Member, **[Air Transport Licensing Authority \(ATLA\)](#)**, Hong Kong SAR Government (08/2012-07/2018) (Appointment on a personal basis)
- In 2015, she served as a member of ATLA's **Public Inquiry** with regard to an application for air licence in HK.
-
16. **[Member, Board of Directors, The Ocean Park Corporation \(OPC\)](#)** (07/2011-06/2017) (Appointment on a personal basis) ●
-
17. Member, **[Logistics Industry Training Advisory Committee, Qualifications Framework, Education Bureau, Hong Kong SAR Government](#)** (5/2012-12/2015) (Appointment on a personal basis)
-
- For Government Appointments Related to *Curriculum Design and Assessment*, see [Section II.4.2](#).
-

III.3) SERVICE TO THE PROFESSION/COMMUNITY

-
1. **Vice Chairperson, Digital Twins and Future Cities Committee, China Society for Urban Studies 中國城市科學研究會數字孿生與未來城市專業委員會副主任** (05/2022-10/2026) ●
-
2. **Member, Technical Committee, Provincial Engineering Laboratory of Smart City Design Simulation & Visualization, Jiangsu 江蘇省智慧城市設計模擬與視覺化技術工程實驗室技術委員會委員** (10/2019-10/2024)
-
3. Member, Committee on Accessible Transport and Travel, **The Hong Kong Society for Rehabilitation** (06/2018-12/2025)
-
4. Member, Data Governance Think Tank of Hong Kong Science and Technology Parks Corporation (HKSTP) (03/2023-02/2025)
-
5. Member, Work Group on Adoption of Green Vehicles in Accessible Transport and Travel Division, Accessible Transport and Travel Committee, The Hong Kong Society for Rehabilitation (10/2022-05/2024)
-
6. Member, HKTaxi Industry Innovation Committee (06/2022-05/2023)
-
7. **[Second Vice-President, Hong Kong Society for Transportation Studies \(HKSTS\)](#)** (since 04/2019)
- Honorary Secretary (06/2011-03/2019); Honorary Deputy Treasurer (since 05/2006); Board Member (since 01/2004)
-
8. **President, [CILTHK \(CILTHK\)](#)** (10/2012-09/2014) ●
- Vice-President (10/2008-08/2012)**; Immediate Past President (10/2014-09/2016)
-
9. **Council Member, [CILTHK \(CILTHK\)](#)** (10/2024-09/2026; 10/2002-09/2022)
- Chairperson of Quality Assurance Committee (Member: 10/2008-09/2022); Chairperson, Membership Committee (10/2004-09/2008)
-
10. **[International Vice-President, The Chartered Institute of Logistics and Transport \(CILT International\)](#)** (06/2012-05/2016) ●
- CILT is the leading professional body associated with logistics and transport. With over 33,000 members working in over 100 countries worldwide, CILT holds unparalleled professional international recognition. Established in 1919 and receiving its Royal Charter in 1926, the Institute has an exciting history, but is always adapting to stay consistent with current logistics and transport issues. The Institute's Patron is Her Majesty Queen Elizabeth II.
-
11. **Chairperson, Hong Kong Section, International Geographical Union** (03/2005-2/2009)
-
12. **Chairperson, Hong Kong Geographical Association (HKGA)** (03/2005-02/2007; 03/2007-02/2009) (Honorary Treasurer 03/2003-02/2005; Honorary Secretary 03/2001-02/2003) ●
-
13. Jury Member, **Global Schindler Award 2015**
- The GSA is a partnership between the Schindler Group and the ETH Zurich along with its Future Cities Laboratory (FCL), led by Prof. Kees Christiaanse. With over €150,000 in prizes, the Global Schindler Award is a significant new platform for generating ideas about contemporary urbanism.
-
14. Panel Member, **Graduate School Review, Hong Kong University of Education** (12/2015-01/2016)
-
15. Member, International Steering Committee, International Geospatial Health Research Network
-
16. Member, Committee on Injury Prevention and Control, Chinese Preventive Medicine Association (CPMA) (11/2009-10/2014)
-

-
17. **Vice Chairperson**, Transport and Geography Commission (C12.38) International Geographical Union (03/2012-02/2016) ●

 18. **Honorary Secretary**, Geography of Information Society Commission (C10), International Geographical Union (08/2008-04/2013) (Steering Committee Member since 07/2003)

 19. **Member**, International Scientific Committee, Eastern Asian Society for Transportation Studies (EASTS) (08/2008-08/2014)

 20. **Fellow**, Geographical/Land Information System Research Centre (GISRC) (since 03/1999)

 21. **Member**, Advisory Committee, Shipping Research Centre (SRC), The Hong Kong Polytechnic University

 22. **Member**, Swire Scholars Association (since 09/1998)

Apart from the above major professional services, Becky Loo has been engaged in various community services and served as the Advisor and/or Member of various Judgement Panels. Some recent ones include the Harbourfront Public Furniture Competition Selection Panel 2021, the 2019 International Symposium on STEM Education Awards, 2018 Esri Young Scholars Award, Hong Kong U-21 Internet of Things (IoT) Awards 2014, the CILT Award (2014) (Chairperson), the Michelin Second Road Safety Awareness Recitation and Tongue Twisters Competition, and the Hong Kong RFID Awards (2013).

III.4) BRIEF EMPLOYMENT HISTORY

-
1. **Professor, The University of Hong Kong (HKU), Hong Kong, China (07/2009-Present)**
 - Department of Geography, HKU

 2. **Honorary Professor, University College London (UCL), United Kingdom (12/2020-11/2025)** ●
 - Department of Civil, Environmental & Geomatic Engineering

 3. **Honorary Professor, Beijing Jiaotong University (北京交通大學), China (12/2022-11/2025)** ●
 - School of Economics and Management (經濟管理學院)

 4. **Chang Jiang Scholar, Chair Professor, Ministry of Education, China (長江學者講座教授) at Jiangxi Normal University (江西師範大學) (04/2021-03/2024)** ●
 - School of Geography and Environment (地理與環境學院)

 5. **Researcher, HKU Shenzhen Institute of Research and Innovation, China (香港大學深圳研究院特聘研究員) (since 03/2016)**

 6. **Visiting Professor, UCL, United Kingdom (12/2019-01/2020)**
 - Department of Civil, Environmental & Geomatic Engineering

 7. **Visiting Professor, The Chinese Academy of Sciences (CAS), China (03/2017-02/2018)** ●
 - Institute of Geographic Sciences and Natural Resources Research (中國科學院地理科學與資源研究所客座研究員)

 8. **Visiting Research Fellow, Griffith University, Australia (07/2015-08/2015)**
 - Urban Research Program, Griffith University, Australia (22/07-21/08/2015)
 - Fully funded by the Griffith University Short Term Visiting Research Fellowship

 9. **Distinguished Visiting Fellow, University of Birmingham, United Kingdom (06/2015)** ●
 - Institute of Advanced Studies, University of Birmingham, Birmingham, UK (01-30/06/2015)
 - Fully funded by the Institute of Advanced Studies

 10. **Visiting Professor, University of Montreal, Canada (08/2014)**
 - Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation (CIRRELT)
 - Fully funded by CIRRELT and the "China Mobility 2030" Project of CBMM

 11. **Visiting Professor, Pontificia Universidad Catolica de Chile, Chile (03/2014-04/2014)**
 - School of Engineering, Pontificia Universidad Catolica de Chile (PUC), Santiago, Chile (31/03-18/04/2014)
 - Fully funded by the School of Engineering, PUC and the "China Mobility 2030" Project of CBMM

 12. **Distinguished Visiting Scholar (DVS), Oxford University, UK (02/2014-03/2014)** ●
 - School of Geography and the Environment, The University of Oxford (17/02-17/03/2014)
 - Fully funded by the ACU University of Oxford Fellowship and the "China Mobility 2030" Project of CBMM

 13. **Associate Professor, HKU, Hong Kong, China (12/2002-06/2009)**
 - Department of Geography, HKU

 14. **Assistant Professor, HKU, Hong Kong, China (09/1998-11/2002)**
 - Department of Geography, HKU

-
15. Temporary Full-time Assistant Professor, HKU, HK, China (09/1997-08/1998)
 - Department of Geography and Geology, HKU
 16. Full-time Demonstrator, HKU, HK, China (07/1995-06/1997)
 - Department of Geography and Geology, HKU
-

III.5) HONOURS AND AWARDS RELATED TO SERVICES

-
1. **Justice of Peace (JP) (10/2020)** ●
 - An important appointment by the Chief Executive of the Hong Kong SAR Government not only in recognition of her outstanding contribution to the community, but also in anticipation of her continued service to HK. A main function of the Justice of the Peace is to visit custodial and other institutions to ensure their effective management and that no individual is unfairly treated or deprived of his or her rights.
 - JP visits to Lo Wu Correctional Institution, Lai Chi Kok Reception Centre, Hei Ling Chau Correctional Institution; Nei Kwu Correctional Institution; Tai Lam Centre for Women, Wai Lan Rehabilitation Centre, Bauhinia House
 2. **CILTHK President Award 2017 (09/2017)**
 - The CILTHK President Award 2017 has been conferred to Professor Loo in appreciation of her long service and distinguished contributions to the Institute, the industry and the community.
 3. **Pegasus Medal 2016 (06/2016)**
 - The Pegasus Medal is awarded to an individual who has made meritorious and distinguished service to the Chartered Institute of Logistics and Transport over a period of many years.
 4. **Long Service Award 2021 (06/2021)**
 - An Award by HKU to honour staff serving for 25 years.
 5. **Directors of the Year Award 2011 (11/2011)**
 - Member of the winning team of the Board of Ocean Park Corporation. The Award was given by the HK Institute of Directors.
-

IV) ME AS A PERSON

I endeavour to support individuals (especially women and girls) to reach their full potential in making the world a better place. I love teamwork, but I don't mind standing alone for fundamental values. **"Truth, Kindness, Beauty, and Love"** (真善美愛) are my core values. I hope to pass these good values, morals and ethics to my three children, students, friends and people around me.

I love and practise various forms of art, notably Chinese calligraphy, pottery, wood/bamboo carving and paper cutting. My art pieces have been shown in various public exhibitions in Hong Kong, Macau and mainland Chinese cities like Beijing and Tianjin. In relation, I am a member of China Calligrapher Association (中國硬筆書法協會) and the Chinese Character Carving Society of Hong Kong (香港藝術刻字協會). I am an Academic Advisor (學術指導) and a member of China Hong Kong Female Calligraphers Association (香港女書法家協會). In 2023, I was awarded the 30th Anniversary China Calligrapher Association "Distinguished Individual" (先進個人) honour. In 2024, I was appointed Council Member (理事) of the Hong Kong Calligraphy Association (香港大書法協會) and Vice-Chairperson (副會長) of the Female Artists Chapter (女藝術家分會).

I do not have a religion. I have been educated in Catholic schools from kindergarten to high school. I have obtained Grade A in Religious Studies at the public examinations of the Hong Kong Certificate of Education Examinations (HKCEE). Since an early age, I have been exposed to Buddhism as a religion. I have been studying Buddhism as a philosophy for about 15 years. More recently, I have explored Buddhism as a practice, completing a five-month online course.

<END>