

Curriculum Vitae

Junyi ZHANG

PERSONAL INFORMATION

Male, Born in April, 1966
Nationality: China



OFFICE INFORMATION

Prof., Dr. Eng.
Chair, Department/Course of Development Technology (2014.04-2018.03)
Graduate School for International Development and Cooperation (IDEC)
Hiroshima University, 1-5-1 Kagamiyama, Higashi Hiroshima, 739-8529, Japan
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Research ID B-4865-2012
<http://www.researcherid.com/rid/B-4865-2012>
My lab URL: Mobilities and Urban Policy Lab
<http://home.hiroshima-u.ac.jp/~zjy/>

EDUCATIONAL HISTORY

1. 1983.09 – 1987.06 Northern (currently Beijing) Jiao Tong University, Beijing, China (Bachelor of Engineering; Major: Railway Management)
2. 1991.04 - 1993.03 Graduate School of Engineering, Hiroshima University, Japan (Master of Engineering; Major: Urban and Transportation Planning; Japanese Government Scholarship)
3. 1993.04 - 1996.03 Graduate School of Engineering, Hiroshima University, Japan (Doctor of Engineering; Major: Urban and Transportation Planning; Japanese Government Scholarship)

WORK EXPERIENCE

1. 1996.04 – 1998.03 Research Associate, Faculty of Engineering, Hiroshima University, Japan
2. 1998.04 – 2000.03 Transportation Consultant, Stannum Co., Ltd., Tokyo, Japan (Transferred to Pacific Consultants Co., Ltd.)
3. 2000.04 – 2001.03 Research Fellow, Department of the Built Environment, Eindhoven University of Technology, The Netherlands
4. 2001.04 – 2002.09 Director, Institute of Social Infrastructure Planning, Tokyo, Japan
5. 2002.10 – 2011.09 Associate Professor, Graduate School for International Development and Cooperation (IDEC), Hiroshima University, Japan
6. 2011.10 – present Professor, IDEC, Hiroshima University, Japan
7. Head of Division of Development Science, IDEC, Hiroshima University, Japan
8. Chair of Department of Development Technology, IDEC, Hiroshima University, Japan
9. Director of Center of Asian Sustainable Mobility Research (ASMO), Hiroshima University, Japan

AWARDS

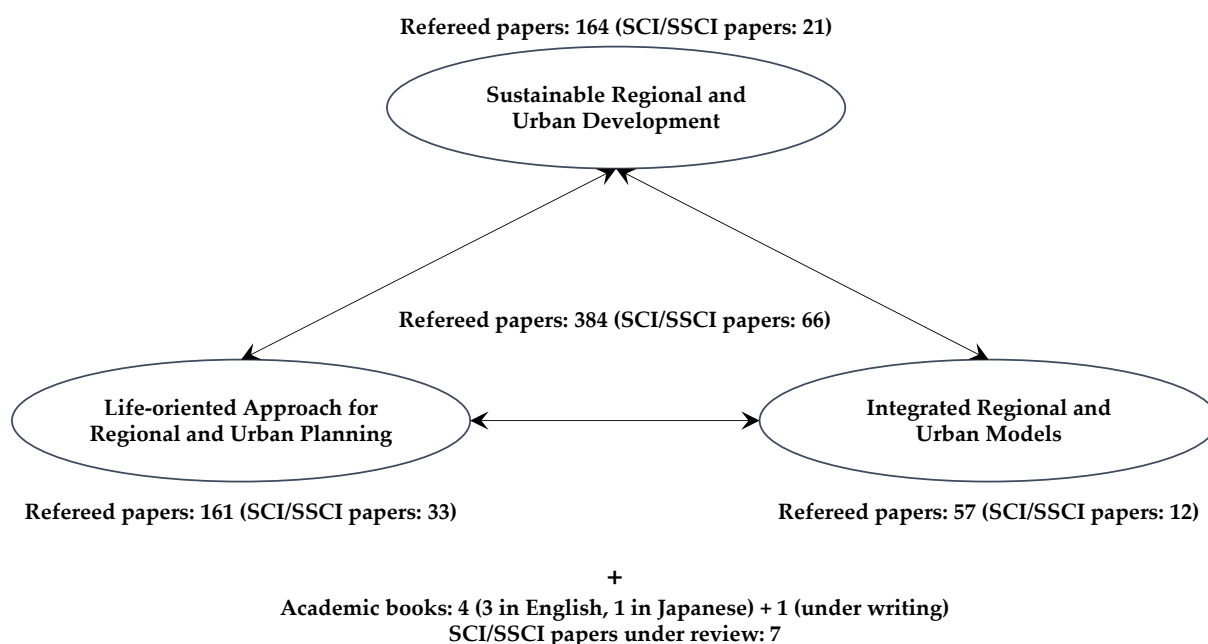
- 1) (2014.09) *Best Scientific Paper Award*, The 21st World Congress of Intelligent Transport Systems, Detroit, USA, September 7-11, 2014.
Junyi ZHANG, Ying JIANG, Katsushi SASAKI, Masaki TSUBOUCHI, Takeshi MATSUSHITA, Toru KAWAI, Akimasa FUJIWARA (2014) A GPS-enabled Smart Phone App with Simplified Diagnosis Functions of Driving Safety and Warning Information Provision. Proceedings of The 21st World Congress of Intelligent Transport Systems, Detroit, USA, September 7-11, 2014.
- 2) (2010.04) *Best Paper Award*, Express Highway Research Foundation of Japan
 Makoto CHIKARAISHI, Akimasa FUJIWARA, Junyi ZHANG, Makoto TSUKAI (2010) A statistical analysis of structural changes of traffic demand caused by variation of gasoline prices, Expressways and automobiles, Vol. 52, No. 8, 21-29.
- 3) (2010.01) *Best Paper Award* of the 1st International Conference on the Future of Human Mobility, Thai Society for Transportation and Traffic Studies, Phuket, Thailand, January 22-23, 2010
Junyi ZHANG, Metin SENBIL, Akimasa FUJIWARA (2010) Exploring Sustainable Urban Forms: A Case Study in Jabotabek Metropolitan Area, Indonesia, Journal of Society for Transportation and Traffic Studies (TSTS), Vol.1, 36-54.
- 4) (2009.07) *Best Paper Award* of the 15th Annual Conference, Asia Pacific Tourism Association (APTA), Incheon, Korea, July 9-12, 2009
Junyi ZHANG, Hui ZHANG, Lingling WU and Akimasa FUJIWARA (2009) Representing tourists' context-sensitive time use and expenditure behavior, Proceedings of the 15th Annual Conference, Asia Pacific Tourism Association (APTA), Incheon, Korea, July 9-12, 2009 (CD-ROM)
- 5) (2008.04) *Best Paper Award: The IATSS (International Association of Traffic and Safety Sciences) Award*
 Metin SENBIL, Junyi ZHANG and Akimasa FUJIWARA (2007) Motorization in Asia: 14 Countries and Three Metropolitan Areas, IATSS Research, 31 (1), 46-58.
- 6) (2007.11) *Best Research Award* of the 3rd Kometani/Sasaki Fund, Institute of Systems Science Research, Japan.
Junyi ZHANG: Development of activity-travel behavior models with interpersonal interactions
- 7) (2007.05) *Best Paper Award* of the 5th APac-CHRIE (Asia Pacific International Council on Hotel, Restaurant and Institutional Education) and the 13th APTA (Asia Pacific Tourism Association) Joint Conference, Beijing, May 24-27, 2007.
Junyi ZHANG and Akimasa FUJIWARA (2007) Exploring Japanese Tourists' Choice Behaviors of Tour Plans along the Asian Highway based on a Paired Combinatorial Logit Model with Stated Preference Data, Proceedings of the 5th APac-CHRIE and the 13th APTA Joint Conference, Beijing, May 24-27 (CD-ROM)
- 8) (2005.09) EASTS (Eastern Asia Society for Transportation Studies) *Best Paper Prize (Yasojima Prize)*, Bangkok, September 21-24, 2005.
 Akimasa FUJIWARA, Junyi ZHANG, Backjin LEE and M.R.M. DA CRUZ (2005) Evaluating sustainability of urban development in developing countries incorporating dynamic cause-effect relationships over time, Journal of the Eastern Asia Society for Transportation Studies, Vol. 6, 4349-4364.

- 9) (2001.10) EASTS (Eastern Asia Society for Transportation Studies) *Outstanding Paper Award*, Hanoi, October 24-27, 2001.
Junyi ZHANG, Yoriyasu SUGIE and Akimasa FUJIWARA (2001) A Mode Choice Model Separating Taste Variation and Stated Preference Reporting Bias, *Journal of the Eastern Asia Society for Transportation Studies*, Vol.4, No.3, 23-38.
- 10) (1999.09) EASTS (Eastern Asia Society for Transportation Studies) *Outstanding Paper Award*, Taipei, September 15-17, 1999.
 Yoriyasu SUGIE, Junyi ZHANG and Akimasa FUJIWARA (1999) Dynamic Discrete Choice Models Considering Unobserved Heterogeneity with Mass Point Approach, *Journal of the Eastern Asia Society for Transportation Studies*, Vol.3, No.5, 245-260
- 11) (1994.11) *Research Encouragement Award*, Japan Society of Traffic Engineers
Junyi ZHANG, Yoriyasu SUGIE and Akimasa FUJIWARA (1994) Development of travel demand forecasting model by using repeated cross-sectional person trip data, *Selected Proceedings of Annual Meeting of Japan Society of Traffic Engineers*, No.14, 173-176.

A FULL LIST OF PUBLICATIONS

1. REFEREED PAPERS (385 papers)

- 66 SCI/SSCI papers
- 39 book chapters
- 110 non-SCI/SSCI journal papers
- 170 papers in refereed conference proceedings



2. NON-REFEREED PAPERS (320 papers)

3. KEYNOTE SPEECHES AND INVITED SPEECHES AT INTERNATIONAL CONFERENCES: > 18 times

4. ORAL PRESENTATIONS AT INTERNATIONAL CONFERENCES: > 56 times

Major SCI/SSCI Journals

Accident Analysis and Prevention	(IF: 3.244)
Annals of Tourism Research	(IF: 5.544)
Asia Pacific Journal of Tourism Research	(IF: 1.290)
Climate Change	(IF: 3.496)
Energy	(IF: 5.182)
Energy Policy	(IF: 4.599)
Environmental Planning B: Planning and Design	(IF: 1.527)
European Journal of Transport and Infrastructure Research	(IF: 1.144)
Frontiers of Computer Science	(IF: 1.039)
International Journal of Disaster Risk Reduction	(IF: 1.916)
International Journal of Environmental Research and Public Health	(IF: 2.101)
Journal of Advanced Transportation	(IF: 1.813)
Journal of Sustainable Tourism	(IF: 4.304)
Journal of Transport Geography	(IF: 3.848)
Natural Hazards	(IF: 1.833)
Safety Science	(IF: 2.668)
Science of Total Environment (STOTEN)	(IF: 5.102)
Stochastic Environmental Research and Risk Assessment	(IF: 2.629)
Tourism Management	(IF: 6.048)
Transportation Research Part A: Policy and Practice	(IF: 3.489)
Transportation Research Part B: Methodological	(IF: 4.822)
Transportation Research Part D: Transport and Environment	(IF: 2.960)
Transportation	(IF: 2.633)
Transportmetrica	(IF: 1.477)
Transportmetrica B: Transport Dynamics	(IF: 2.560)
Transportation Research Record	(IF: 0.522)

SCI/SSCI PAPERS: 66

(1) Life-oriented approach for regional and urban planning: 33 papers

- 1) Junyi ZHANG, Varonique Van Acker (2017) Life-oriented travel behavior research: An overview. *Transportation Research Part A*, 104, 167-178.
- 2) Biying YU, Junyi ZHANG (2017) Dynamic life course analysis on residential location choice. *Transportation Research Part A*, 104, 281-292.
- 3) Ying JIANG, Junyi ZHANG, Xin JIN, Ryosuke ANDO, Lin CHEN, Zhenjiang SHEN, Jiangqian YING, Qing FANG, Zhongwei SUN (2017) Rural migrant workers' intentions to permanently reside in cities and future energy consumption preference in the changing context of urban China. *Transportation Research Part D: Transport and Environment*, 52(B), 600-618.
- 4) Minh Tu TRAN, Junyi ZHANG and Akimasa FUJIWARA (2017) Interdependences between current choices and future expectations in the context of Hanoians' residential location choices. *Transportmetrica B: Transport Dynamics*, 5 (1), 42-59.
- 5) Minh Tu TRAN, Junyi ZHANG, Makoto CHIKARAISHI, Akimasa FUJIWARA (2016) A joint analysis of residential location, work location and commuting mode choices in Hanoi, Vietnam. *Journal of Transport Geography*, 54, 181-193.
- 6) David PEREZ BARBOSA, Junyi ZHANG, Hajime SEYA (2016) Effects of the Residential Environment on Health in Japan Linked with Travel Behavior. *International Journal of Environmental Research and Public Health*, 13, 190 (doi:10.3390/ijerph13020190)
- 7) Biying YU, Junyi ZHANG, Akimasa FUJIWARA (2016) Who rebounds in the private transport sector? A comparative analysis between Beijing and Tokyo. *Environmental Planning B*, 43 (3), 561-579.
- 8) Biying YU, Junyi ZHANG (2015) Modeling household energy consumption behavior: A comparative analysis. *Transportation Research Part D: Transport and Environment*, 39, 126-140.
- 9) Junyi ZHANG (2014) Revisiting the residential self-selection issues: A life-oriented approach. *Journal of Land Use and Transport*, 7 (3), 29-45.
- 10) Junyi ZHANG, Biying YU, and Makoto CHIKARAISHI (2014) Interdependences between household residential and car ownership behavior: A life history analysis. *Journal of Transport Geography*, 34, 165-174.
- 11) Lingling WU, Junyi ZHANG, Akimasa FUJIWARA (2013) Representing the influence of multiple social interactions on monthly tourism participation behavior. *Tourism Management*, 36, 480-489.
- 12) Lingling WU, Junyi ZHANG, Akimasa FUJIWARA (2013) Tourism participation and expenditure behavior: Analysis using a Scobit-based discrete-continuous choice model. *Annals of Tourism Research*, 40, 1-17.
- 13) Biying YU, Junyi ZHANG, Akimasa FUJIWARA (2013) A household time use and energy consumption model with multiple behavioral interactions and zero-consumption, *Environment and Planning B: Planning and Design*, 40 (2), 330-349.
- 14) Junyi ZHANG and Timmermans, H.J.P. (2012) Activity-travel behaviour analysis for universal mobility design. *Transportmetrica*, 8(3), 149-156.
- 15) Junyi ZHANG, Lili XU, Akimasa FUJIWARA (2012) Developing an integrated Scobit-based activity participation and time allocation model to explore influence of childcare on women's time use behavior. *Transportation*, 39, 125-149.
- 16) Hui ZHANG, Junyi ZHANG, Masashi KUWANO (2012) An integrated model of tourists' time use and expenditure behavior with self-selection based on a fully-nested Archimedean copula function. *Tourism Management*, 33(6), 1562-1573.
- 17) Biying YU, Junyi ZHANG, Akimasa FUJIWARA (2012) Analysis of the residential location choice and household energy consumption behavior by incorporating multiple self-selection effects. *Energy Policy*, 46, 319-334.

- 18) Lingling WU, Junyi ZHANG, Akimasa FUJIWARA (2012) Dynamic analysis of Japanese tourists' three stage choices: Tourism participation, destination choice and travel mode choice. *Transportation Research Record*, 2322, 91-101.
- 19) Makoto CHIKARAISHI, Junyi ZHANG, Akimasa FUJIWARA (2012) Effects of nursing care on time use behaviour: A comparative analysis in Japan. *Transportmetrica*, 8(3), 181-208.
- 20) Biying YU, Junyi ZHANG, Akimasa FUJIWARA (2011) Representing in-home and out-of-home energy consumption behavior in Beijing. *Energy Policy*, 39(7), 4168-4177 (Special Section: Renewable energy policy and development).
- 21) Lingling WU, Junyi ZHANG, Akimasa FUJIWARA (2011) Representing tourists' heterogeneous choices of destination and travel party with an integrated latent class and nested logit model. *Tourism Management*, 32, 1407-1413.
- 22) Lingling WU, Junyi ZHANG, Akimasa FUJIWARA (2011) A tourist's multi-destination choice model with future dependency. *Asia Pacific Journal of Tourism Research*, 17(2), 121-132.
- 23) Masashi KUWANO, Junyi ZHANG, Akimasa FUJIWARA (2011) A dynamic discrete choice model with multi-dimensional social interactions. *Transportation Research Record*, 2231, 68-75.
- 24) Makoto CHIKARAISHI, Akimasa FUJIWARA, Junyi ZHANG, Kay W. AXHAUSEN, Dirk ZUMKELLER (2011) Changes in variations of travel time expenditure: some methodological considerations and empirical results from German Mobility Panel. *Transportation Research Record*, 2230, 121-131.
- 25) Makoto CHIKARAISHI, Akimasa FUJIWARA, Junyi ZHANG, Kay W. AXHAUSEN (2011) Identifying variations and co-variations in discrete choice models. *Transportation* 38(6), 993-1016.
- 26) Makoto CHIKARAISHI, Junyi ZHANG, Akimasa FUJIWARA, Kay W. AXHAUSEN (2010) Exploring variation properties of time use behavior on the basis of a multilevel multiple discrete-continuous extreme value model. *Transportation Research Record*, 2156, 101-110.
- 27) Junyi ZHANG, H.J.P. TIMMERMANS (2010) Scobit-based panel analysis of public transport users' multitasking behavior. *Transportation Research Record*, 2157, 46-53.
- 28) Makoto CHIKARAISHI, Akimasa FUJIWARA, Junyi ZHANG, Kay W. AXHAUSEN (2009) Exploring variation properties of departure time choice behavior using multilevel analysis approach. *Transportation Research Record*, 2134, 10-20.
- 29) Junyi ZHANG, Akimasa FUJIWARA (2009) Intrahousehold interaction in transit-oriented residential choice behavior represented in stated preference approach. *Transportation Research Record*, 2134, 73-81.
- 30) H.J.P. TIMMERMANS, Junyi ZHANG (2009) Modeling household activity travel behavior: Examples of state of the art modeling approaches and research agenda. *Transportation Research Part B: A Special Issue "Household Behavior Modeling"*, edited by H.J.P. TIMMERMANS and Junyi ZHANG, 43, 187-190.
- 31) Junyi ZHANG, Masashi KUWANO, Backjin LEE, Akimasa FUJIWARA (2009) Modeling household discrete choice behavior incorporating heterogeneous group decision-making mechanisms. *Transportation Research Part B: A Special Issue "Household Behavior Modeling"*, edited by H.J.P. TIMMERMANS and Junyi ZHANG, 43, 230-250.
- 32) Junyi ZHANG, H.J.P. TIMMERMANS, Aloys BORGERS, Donggen WANG (2004) Modeling traveler choice behavior using the concepts of relative utility and relative interest. *Transportation Research Part B*, 38(3), 215-234.
- 33) Junyi ZHANG, H.J.P. TIMMERMANS, Aloys BORGERS (2002) A utility-maximizing model of household time use for independent, shared and allocated activities incorporating group decision mechanisms. *Transportation Research Record*, 1807, 1-8.

(2) Integrated regional and urban models: 12 papers

- 34) Yongsheng ZHANG, Enjian YAO, Junyi ZHANG, Kangning ZHENG (2018) Estimating metro passengers' path choices by combining self-reported revealed preference and smart card data. *Transportation Research Part C: Emerging Technologies*, 92, 76–89.
- 35) Qi ZHANG, Wenyuan WANG, Yun PENG, Junyi ZHANG, Zijian GUO (2018) A Game-Theoretical Model of Port Competition on Intermodal Network and Pricing Strategy. *Transportation Research Part E* (in press: <https://doi.org/10.1016/j.tre.2018.01.008>)
- 36) Biying YU, Yaming TIAN, Junyi ZHANG (2015) A dynamic active energy demand management system for evaluating the effect of policy scheme on household energy consumption behavior. *Energy*, 91, 491–506.
- 37) Tao FENG, Junyi ZHANG (2014) Multicriteria evaluation on accessibility-based transportation equity in road network design problem. *Journal of Advanced Transportation*, 48(6), 526-541 (Online published August 8, 2012).
- 38) Biying YU, Junyi ZHANG, Akimasa FUJIWARA (2013) Rebound effects caused by the improvement of vehicle energy efficiency: An analysis based on an SP-off-RP survey. *Transportation Research Part D: Transport and Environment*, 24, 62-68.
- 39) Hiroshi SHIMAMOTO, Naoki MURAYAMA, Akimasa FUJIWARA, Junyi ZHANG (2010) Evaluation of an existing bus network using a transit network optimisation model: A case study of the Hiroshima City Bus network. *Transportation*, 37(5), 801-823.
- 40) Xuesong FENG, Junyi ZHANG, Akimasa FUJIWARA, Yoshitsugu HAYASHI, Hirokazu KATO (2010) Improved feedback modeling of transport in enlarging urban areas of developing countries. *Frontiers of Computer Science*, 4(1), 112-122.
- 41) Tao FENG, Junyi ZHANG, Akimasa FUJIWARA, H.J.P. TIMMERMANS (2010) An integrated model system and policy evaluation tool for maximizing mobility under environmental capacity constraints: A case study in Dalian, China. *Transportation Research Part D*, 15 (5), 263-274.
- 42) Xuesong FENG, Junyi ZHANG, Akimasa FUJIWARA (2009) Analysis of feedback to obtain steady-state solutions in four-step modeling. *Transportmetrica*, 5, 215-227.
- 43) Junyi ZHANG, Akimasa FUJIWARA (2006) Representing household time allocation behavior by endogenously incorporating diverse intra-household interactions: A case study in the context of elderly couples. *Transportation Research Part B*, 40, 54-74.
- 44) Akimasa FUJIWARA, Junyi ZHANG (2005) Development of a scheduling model for car tourists' 1-day tours. *Transportation Research Record*, 1921, 100-111.
- 45) Junyi ZHANG, H.J.P. TIMMERMANS, Aloys BORGERS (2005) A model of household task allocation and time use, *Transportation Research Part B*, 39, 81-95.

(3) Sustainable regional and urban development: 21 papers

- 46) Qingchang LU, Junyi ZHANG, A.B.M. Sertajur RAHMAN (2018) Location choice behavior adapting to flood and cyclone hazards. *International Journal of Disaster Risk Reduction*, 27, 189-198.
- 47) Fuyo (Jenny) Yamamoto, Junyi ZHANG (2017) The Kindness of Strangers: Exploring Interdependencies and Shared Mobilities of Elderly People in Rural Japan. *Social Inclusion* (DOI: <http://dx.doi.org/10.17645/si.v5i4.1125>)
- 48) David Perez Barbosa, Junyi ZHANG (2017) Transport-Based Social Exclusion in Rural Japan: A Case Study on Schooling Trips of High School Students. *Social Inclusion* (DOI: <http://dx.doi.org/10.17645/si.v5i4.1079>)
- 49) Ying JIANG, Junyi ZHANG (2017) Influence of smartphone apps with driving safety related diagnosis functions on expressway driving speed changes. *Journal of Transportation Engineering*, 144(1) (doi: 10.1061/JTEPBS.0000098)

- 50) Qingchang LU, Junyi ZHANG, A.B.M. Sertajur RAHMAN (2017) The interrelationship between travel behavior and life choices in adapting to flood disasters. *Natural Hazards*, 85(2), 1005-1022.
- 51) Lingling WU, Junyi ZHANG, Qingchang LU, ABM Sertajur RAHMAN (2017) Tourist adaptation behavior in response to climate disasters in Bangladesh. *Journal of Sustainable Tourism*, 25 (2), 217-233.
- 52) Tuqian ZHOU, Zhaozhong WU, Junyi ZHANG, Di ZHANG (2017) Incorporating CREAM and MCS into fault tree analysis of LNG carrier spill accidents. *Safety Science*, 96, 183-191.
- 53) Thi Anh Hong NGUYEN, Makoto CHIKARAISHI, Akimasa FUJIWARA, Junyi ZHANG (2017) Mediation Effects of Income on Travel Mode Choice: Analysis of Short-Distance Trips Based on Path Analysis with Multiple Discrete Outcomes, *Transportation Research Record*, No. 2664 (doi: 10.3141/2664-03).
- 54) Thi Anh Hong NGUYEN, Makoto CHIKARAISHI, Hajime SEYA, Akimasa FUJIWARA, Junyi ZHANG (2017) Elderly's heterogeneous responses to topographical factors in travel mode choice within a hilly neighborhood: An analysis based on combined GPS and paper-based surveys. *European Journal of Transport and Infrastructure Research* (in press).
- 55) Qingchang LU, Junyi ZHANG, Lingling WU, A.B.M. Sertajur RAHMAN (2016) Job and residential location changes responding to floods and cyclones: An analysis based on a cross-nested logit model. *Climate Change*, 138, 453-469.
- 56) Qingchang LU, Zhongren PENG, Junyi ZHANG (2015) Identification and prioritization of critical transportation infrastructure: Case study of coastal flooding. *Journal of Transportation Engineering*, 141 (3).
- 57) Makoto CHIKARAISHI, Akimasa FUJIWARA, Masato UEDA, Junyi ZHANG (2015) Exploring spillover effects of Mobility Management: A case study on changes in electricity consumptions by the Great East Japan Earthquake. *Case Studies on Transport Policy*, 3 (2), 111-119.
- 58) Qingchang LU, Junyi ZHANG, Zhongren PENG, ABM Sertajur RAHMAN (2014) Inter-city travel behaviour adaptation to extreme weather events. *Journal of Transport Geography*, 41, 148-153.
- 59) Ying JIANG, Junyi ZHANG (2014) How drivers adapt to traffic accidents and dynamic travel information: Stated preference survey in Japan. *Transportation Research Record*, 2413, 74-83.
- 60) Sudarmanto Budi NUGROHO, Akimasa FUJIWARA, Junyi ZHANG (2011) An Empirical Analysis of the impact of Bus Rapid Transit system on the concentration of secondary pollutants in the roadside areas of TransJakarta Corridors: A structural equation model and artificial neural network approach. *Stochastic Environmental Research and Risk Assessment*, 25(5), 655-669.
- 61) Daisuke YOSHINO, Akimasa FUJIWARA, Junyi ZHANG (2010) Environmental efficiency model based on data envelopment analysis and its application to environmentally sustainable transport policies, *Transportation Research Record*, 2136, 112-123.
- 62) Makoto CHIKARAISHI, Akimasa FUJIWARA, Junyi ZHANG, Backjin LEE (2010) Spatiotemporal changes of traffic demand price elasticities in Japan throughout 2008: Bayesian approach. *Transportation Research Record*, 2156, 81-92.
- 63) Junyi ZHANG, Koji SUTO, Akimasa FUJIWARA (2009) Effects of in-vehicle warning information on drivers' decelerating and accelerating behaviors near an arch-shaped intersection. *Accident Analysis and Prevention*, 41, 948-958.
- 64) Karen Ann Bianet Jago-on, Shinji KANEKO, Ryo FUJIKURA, Akimasa FUJIWARA, Tsuyoshi IMAI, Toru MATSUMOTO, Junyi ZHANG, Hiroki TANIKAWA, Katsuya TANAKA, Backjin LEE, Makoto TANIGUCHI (2009) Urbanization and subsurface environmental issues: An attempt at DPSIR model application in Asian cities. *Science of Total Environment (STOTEN)*, 407 (9), 3089-3104.

- 65) Wonchul KIM, Junyi ZHANG, Akimasa FUJIWARA, Tae Youn JANG, Moon NAMGUNG (2008) Analysis of stopping behavior at urban signalized intersections: Empirical study in Korea, Transportation Research Record, 2080, 84-91.
- 66) Sudarmanto Budi Nugroho, Akimasa FUJIWARA, Junyi ZHANG (2006) Analysis of roadside air quality in Jakarta city: A structural equation approach. JSME (Japan Society of Mechanical Engineers) International Journal Series B, 49, 8-18.

SCI/SSCI papers with minor revisions

- 1) Ying JIANG, Junyi ZHANG (2018) Drivers' behavioral responses to driving risk diagnosis and real-time warning information provision on expressway: A smartphone app based driving experiment. Journal of Transportation Safety & Security (accepted with minor revisions)
- 2) Linghan ZHANG, Junyi ZHANG (2018) Perception of Small Tourism Enterprises in Lao PDR about Social Sustainability under the Influence of Social Network. Tourism Management (passed the first round of review: no serious revisions)
- 3) Hajime SEYA, Junyi ZHANG, Makoto CHIKARAISHI, Ying JIANG (2018) Decisions on Truck Parking Place and Time on Expressways: An Analysis Using Digital Tachograph Data. Transportation Research Part A (passed the first round of review: no serious revisions)

SCI/SSCI papers with major revisions

- 4) Ying JIANG, Junyi ZHANG (2018) Capturing Ownership Behavior of Autonomous Vehicles in Japan based on an SP Survey and a Mixed Logit Model with Panel Data. International Journal of Sustainable Transportation (passed the second round of review)

SCI/SSCI papers: still under review without any feedback

- 5) Ying JIANG, Junyi ZHANG (under review) Interaction between Company Manager's and Driver's Decisions on Expressway Routes for Truck. Transport Policy.

SCI/SSCI papers: ready for review submission

- 6) Linghan ZHANG, Junyi ZHANG (2018) Visitor's Preference for the Rurality of Products and Recreational Services Provided in Roadside Rest Areas in Depopulated Regions of Japan. Journal of Rural Studies
- 7) Linghan ZHANG, Junyi ZHANG (2018) The Role of Leisure-tourist behavior on the QOL of Elderly: A Comparison Study in Depopulated and Populated Areas in Japan. Journal of Leisure Research.

Non-SCI/SSCI papers under review

- 1) David Perez Barbosa, Junyi ZHANG (2018) Effects of different types of active travel on well-being: a case of study in Japanese urban areas. Travel Behaviour and Society
- 2) 張峻屹・宗維煙・佐川弘(2018) スマートフォンアプリの保有と利用が若者の生活行動と活動空間に与える影響に関する全国調査とモデリング分析. 都市計画論文集

MAJOR BOOKS: 5

- 1) Junyi ZHANG (2019) Transport and Energy Research: A Behavioral Perspective, Elsevier (under writing)
- 2) Junyi ZHANG, Cheng-Min FENG (2018) Routledge Handbook of Transport in Asia, Routledge, Taylor & Francis (in press: > 520 pages)
- 3) Junyi ZHANG (2017) Life-oriented Behavioral Research for Urban Policy, Springer (518 pages)
- 4) 張峻屹 (2015) 市民生活行動学 (土木計画学研究委員会市民生活行動研究小委員会編集、執筆代表: 張峻屹)、日本土木学会、March, 2015 (374 pages) (in Japanese)
- 5) Akimasa FUJIWARA and Junyi ZHANG (2013) Sustainable Transport Studies in Asia. Springer, June 2013 (292 pages).

THESIS

- 1) Doctor Thesis
Junyi ZHANG (1996) 異質性を考慮した交通行動のダイナミックモデル Dynamic Models of Travel Behaviour Considering the Heterogeneity, Graduate School of Engineering, Hiroshima University (in Japanese)
- 2) Master Thesis
Junyi ZHANG (1993) 駐車需要分析への不均衡理論の適用性に関する基礎研究 Basic Study on Applicability of Disequilibrium Theory to Parking Demand Analysis, Graduate School of Engineering, Hiroshima University (in Japanese)

REFEREED CHAPTERS IN BOOKS (39)

(1) Life-oriented approach for regional and urban planning

- 1) Junyi ZHANG (2017) Life-oriented approach. In: Junyi ZHANG (ed.), Life-oriented Behavioral Research for Urban Policy, Springer, 1-8.
- 2) Junyi ZHANG, Masashi KUWANO, Makoto CHIKARAISHI, Hajime SEYA (2017) The car-dependent life. In: Junyi ZHANG (ed.), Life-oriented Behavioral Research for Urban Policy, Springer, 97-122.
- 3) Junyi ZHANG (2017) Future perspectives of the life-oriented approach. In: Junyi ZHANG (ed.), Life-oriented Behavioral Research for Urban Policy, Springer, 507-518.
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- 56) 周藤浩司・藤原章正・Junyi ZHANG (2007) クレスト部近接交差点における運転挙動の空間分析と車内警告情報による影響 Spatial analysis of driving behavior at an intersection nearby a bridge and effects of in-vehicle warning information, 第6回 ITS シンポジウム Proceedings of the 6th ITS Symposium (CD-ROM).
- 57) Metin SENBIL, Junyi ZHANG and Akimasa FUJIWARA (2007) Motorcycle ownership and use in metropolitan area of Jabotabek, Indonesia. Compendium of Papers CD-ROM, the 86th Annual Meeting of the Transportation Research Board, Washington D.C., January 21-25.
- 58) Metin SENBIL, Junyi ZHANG and Akimasa FUJIWARA (2007) Examining land use effects on travel behavior in Jabotabek, Indonesia, Metropolitan Area. Compendium of Papers CD-ROM,

- the 86th Annual Meeting of the Transportation Research Board, Washington D.C., January 21-25.
- 59) 山根公八・Junyi ZHANG・藤原章正 (2007) 地方都市における交通行動パターンの分類に関する試み Study on travel pattern classification in local cities, 交通工学研究発表会論文報告集 Selected Proceedings of Annual Meeting of Japan Society of Traffic Engineer, 27, 189-192
 - 60) 山根公八・藤原章正・Junyi ZHANG (2006) 交通行動パターンに着目した地方都市政策の評価手法とその適用 An evaluation method for local city policy-making focusing on travel behavior patterns and its application, 交通工学研究発表会論文報告集 Selected Proceedings of Annual Meeting of Japan Society of Traffic Engineer, 26, 137-140.
 - 61) Kohachi YAMANE, Akimasa FUJIWARA and Junyi ZHANG (2006) Choice of travel patterns: Cause-effect analysis, Proceedings of the 6th International Conference on Traffic and Transportation Studies, 207-216, Xi'an, China, August 2-4.
 - 62) Masashi KUWANO, Akimasa FUJIWARA, Junyi ZHANG and Backjin LEE (2006) Evaluating efficiency of household vehicle use, Proceedings of the 6th International Conference on Traffic and Transportation Studies, Xi'an, China, August 2-4, 268-277.
 - 63) Qin FANG, Yoriyasu SUGIE, Zhongzhen YANG and Junyi ZHANG (2006) Transit-oriented development and its application in GuiYang, Proceedings of the 6th International Conference on Traffic and Transportation Studies, 246-255, Xi'an, China, August 2-4.
 - 64) Sudarmanto Budi NUGROHO, Akimasa FUJIWARA and Junyi ZHANG (2006) A Comparative analysis of surface ozone patterns at different land use types in Jakarta city based on a structural equation model with latent variables, Compendium of Papers CD-ROM, the 85th Annual Meeting of the Transportation Research Board, Washington D.C., January 22-26.
 - 65) 周藤浩司・藤原章正・Junyi ZHANG・李百鎮 (2006) 交差点付近の情報提供が交通危険行動とドライバー意識に与える影響 Effects of traffic information provision on dangerous driving behavior and drivers' attitudes, 交通工学研究発表会論文報告集 Selected Proceedings of Annual Meeting of Japan Society of Traffic Engineers, 26, 9-12.
 - 66) 藤原章正・Junyi ZHANG・鳩山紀一郎 (2005) 連続交差点区間の安全性向上に向けた I T S 技術の総合的適用—スマート2マイル広島取り組み—Smart-2 Miles Hiroshima Project: A Comprehensive Application of ITS technologies to Enhance Traffic Safety at Successive Intersections, 第26回日本道路会議論文集 Proceedings of the 26th Conference of Japan Road Association (CD-ROM) .
 - 67) Metin SENBIL, Akimasa FUJIWARA and Junyi ZHANG (2005) Residential and travel mode choices in the developing world: A comparative study of eleven developing cities, Proceedings of the Eastern Asia Society for Transportation Studies, 5, 2463 -2469.
 - 68) Metin SENBIL, Akimasa FUJIWARA and Junyi ZHANG (2005) Development of a choice model for evaluating sustainable urban form, Proceedings of the Eastern Asia Society for Transportation Studies, 5, 2164-2178.
 - 69) Weijie WANG, Junyi ZHANG, Akimasa FUJIWARA and Moon NAMGUNG (2005) Time series forecasts of international travel demand from Japan to Korea, Proceedings of Annual Summer Conference of Korean Society of Transportation, 123-128.
 - 70) Masashi KUWANO, Junyi ZHANG and Akimasa FUJIWARA (2005) Analysis of ownership behavior of low-emission passenger cars in local Japanese cities, Proceedings of the Eastern Asia Society for Transportation Studies, 5, 1379-1393.
 - 71) Junyi ZHANG and Akimasa FUJIWARA (2004) Development of methodology for analyzing travel patterns in the context of developing countries. Traffic and Transportation Studies, Proceedings of ICTTS 2004 (International Conference on Traffic and Transportation Studies), Mao, B., Tian, Z. and Sun, Q. (eds.), 222-234, Science Press, Beijing.
 - 72) Daniel MABAZZA, Akimasa FUJIWARA and Junyi ZHANG (2004) An analysis of activity-travel patterns in a developing country: The case of Metro Manila, Proceedings of the 10th World Conference on Transport Research, Istanbul, Turkey, July 4-8 (CD-ROM).

- 73) Akimasa FUJIWARA, Junyi ZHANG and M.R.M. DA CRUZ (2004) Society capacity evaluation for urban air quality management in the context of urban and transportation planning, Invited Paper by the 9th National Convention on Civil Engineering, Thailand, May 19-21.
- 74) Akimasa FUJIWARA, Junyi ZHANG, Backjin LEE and Masashi KUWANO (2004) Development of a fuzzy contingent valuation method to assess amenity improvement of a neighborhood street, Selected Proceedings of the 10th World Conference on Transport Research, Istanbul, Turkey, July 4-8 (CD-ROM).
- 75) Junyi ZHANG and Akimasa FUJIWARA (2004) Evaluating the effects of multi-modal travel information based on a discrete choice model with unequal and asymmetric structure, Proceedings of the 11th World Congress on Intelligent Transport Systems, Nagoya, Japan, October 18-24 (CD-ROM).
- 76) Toshiyuki OKAMURA, Akimasa FUJIWARA and Junyi ZHANG (2004) Finding behavioral rules of urban public transport passengers by using boarding records of integrated stored fare card system, Proceedings of the 10th World Conference on Transport Research, Istanbul, Turkey, July 4-8 (CD-ROM).
- 77) Akimasa FUJIWARA, Junyi ZHANG and Shinji ODAKA (2004) Evaluating the effects of multi-modal travel information based on the principle of relative utility maximization, Selected Proceedings of the 10th World Conference on Transport Research, Istanbul, Turkey, July 4-8 (CD-ROM).
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- 79) Junyi ZHANG・藤原章正・岡村敏之・尾高慎二 (2003) 選択肢評価構造の不均一性を考慮したマルチモーダル情報提供効果の評価 Effects of multi-modal travel information considering unequal evaluation structure of choice alternatives, 交通工学研究発表会論文報告集 Selected Proceedings of Annual Meeting of Japan Society of Traffic Engineers, 23, 213-216.
- 80) Backjin LEE, Akimasa FUJIWARA, Junyi ZHANG and Yoriyasu SUGIE (2003) Measurement of Willingness to Pay of Street Environment Improvement Based on Uncertainty, Proceedings of the Eastern Asia Society for Transportation Studies, 4, 1356-1365.
- 81) Junyi ZHANG・杉恵頼寧・藤原章正 (2001) r-MNL モデルと r-NL モデルに基づくトリップ前交通情報提供効果の計測 Effects of pre-trip travel information based on r_MNL model and r_NL model, 交通工学研究発表会論文報告集 Selected Proceedings of Annual Meeting of Japan Society of Traffic Engineers, 21, 289-292.
- 82) Akimasa FUJIWARA, Yoriyasu SUGIE and Junyi ZHANG (2000) A survey and analysis method to evaluate influence of pre-trip information on commuter's travel choice behaviour, Proceedings of 2nd International Conference on Traffic and Transportation Studies, ASCE (American Society of Civil Engineers), 754-761.
- 83) Akimasa FUJIWARA, Yoriyasu SUGIE and Junyi ZHANG (1997) Survival analysis of public participation in experiment scheme to determine travel demand management policy, Proceedings of the 8th International Conference on Travel Behavior Research, Austin, Texas, September (CD-ROM).

INVITED PAPERS IN JOURNALS (3)

- 1) 張峻屹 (2017) 大都市で働く若者の地方への移住意向：首都圏でのアンケート調査結果から読み取れること、都市計画、326, 32-35
- 2) 張峻屹 (2012) 交通選択行動モデルとベイズ推定, 交通工学, 第 47 巻、第 2 号、15-20.
- 3) 張峻屹・土屋善之・藤原章正 (2011) 自主申告型交通行動調査の受容性, 交通工学, 第 46 巻、第 2 号, pp.37-42.

INVITED SPEECHES AND KEYNOTE SPEECHES (18)

- 1) Junyi ZHANG (2017) The Challenges in Transport Development and Connectivity in/for Developing Countries. Keynote Speech at the 20th FSTPT (Indonesian Inter-University Transportation Studies Forum or Forum Studi Transportasi antar Perguruan Tinggi) Symposium & the 1st ISTSDC (International Symposium on Transportation Studies in Developing Countries), Makassar, Indonesia, Nov 4, 2017.
- 2) Junyi ZHANG (2016) Regional Development and Population Migration in Japan ~ A longitudinal study ~. Invited speech at the 2nd International Symposium on Land Resource Utilization and Management, Shanghai, Nov. 12-13.
- 3) Junyi ZHANG (2016) Japan's Innovations in Managing Urban Transportation Problems. Invited Speech at the 2016 Global Cities Forum, Shanghai, October 30.
- 4) Junyi ZHANG (2015) Low-carbon Transport in Japan. Invited Speech at the Forum on Integrated Transportation for Mega City Clusters (Jing-Jin-Ji), BJUT, November 6.
- 5) Junyi ZHANG, Ying JIANG (2015) Can we promote safer driving based on smartphone apps?. The 3rd Conference of Transportation Research Group of India (CTRG), Kolkata, India, December 17-20.
- 6) Junyi ZHANG (2014) Development of a GPS-enabled smart phone app for driving safety diagnosis. Invited Speech at 14th COTA International Conference of Transportation Professionals (CICTP2014), July 4-7, 2014, in Changsha, China.
- 7) Junyi ZHANG, Yubing XIONG (2013) Effects of life choices on the quality of life: A case study in Japan based on a combined Exhaustive CHAID and Bayesian Belief Network Approach. Invited Speech at the Seminar 'Advances in Happiness Economics', Erasmus University Rotterdam, The Netherlands, October 28-29, 2013.
- 8) Junyi ZHANG, Ying JIANG (2013) Post-accident adaptation behavior and dynamic travel information: A comparison between the elderly and non-elderly. Invited Speech at the International Workshop "Age-friendly Safety and Welfare in Transportation", Hanbat National University (Daejeon), June 13.
- 9) Junyi ZHANG (2012) From activity-based to life-oriented approach: Interdisciplinary challenges. Invited Speech at the International Seminar on Applications of Activity-based Transportation Modeling in Simulation and ICT Impacts, Korea Research Institute for Human Settlements (KRIHS) and TOD-based Engineering Research Center (TOD ERC), Seoul, South Korea, October 19.
- 10) Junyi ZHANG (2012) Interdisciplinary behavior studies for cross-sector energy policies. Keynote Speech in the International Conference on Low-carbon Transportation, Logistics and Green Buildings (LTLGB2012), Beijing, October 12-13.
- 11) Junyi ZHANG (2010) A review of tourist scheduling behavior models, Presented at The First International Conference on the Future of Human Mobility, Thai Society for Transportation and Traffic Studies, Phuket, Thailand, January 22-23.

- 12) Junyi ZHANG (2010) Modeling inter-personal interactions in activity-travel behavior, Traffic and Transportation Studies 2010 ASCE (Proceedings of the 7th International Conference on Traffic and Transportation Studies, Kunming, China, August 3-5, 13-26.
- 13) Junyi ZHANG (2009) Subjective well-being and activity-travel behavior analysis: Applying day reconstruction method to explore affective experience during travel, Proceedings of The 14th International Conference of Hong Kong Society for Transportation Studies, Hong Kong, December 10-12, Vol. 2, 439-449.
- 14) Junyi ZHANG (2009) Transport Governance for a Low-carbon Society: Theories and Practices, Invited Speech at the 5th China Transport Forum, October 17
- 15) Akimasa FUJIWARA, Junyi ZHANG and Koji SUTO (2008) Evaluation of the effects of a warning information system on reducing traffic accidents based on a social experiment in Hiroshima, Japan, Proceedings of the 6th International Conference on Traffic & Transportation Studies, 26-53, Nanning, China, August 5-7.
- 16) Junyi ZHANG (2006) Promoting Transit-Oriented Residential Choice in Hiroshima City. Invited Speech at the TOD (Transit-Oriented Development) Symposium in Dalian, China, June 3.
- 17) Akimasa FUJIWARA, Junyi ZHANG and M.R.M. DA CRUZ (2004) Society capacity evaluation for urban air quality management in the context of urban and transportation planning, Presented at the 9th National Convention on Civil Engineering, Thailand, May 19-21.

EDITING SPECIAL ISSUES IN INTERNATIONAL JOURNALS (5)

- 1) Special Issue "Life-oriented Travel Behavior Analysis" at Transportation Research Part A: Policy and Practice (Guest Editor: Junyi ZHANG & Veronique van Acker (2017)) (in press)
- 2) Special Issue "Activity-travel behaviour analysis for universal mobility design" at Transportation, Junyi ZHANG and H.J.P. TIMMERMAN, Volume 8, No. 3 (2012)
- 3) Special Issue "Modeling Household Activity Travel Behavior" at Transportation Research Part B: Methodological (see: H.J.P. TIMMERMAN and Junyi ZHANG (2009) Modeling household activity travel behavior: Examples of state of the art modeling approaches and research agenda, Transportation Research Part B, 43, 187-190)
- 4) Special Issue "Smart Technologies and Urban Life: A Behavioral and Social Perspective", Sustainable Cities and Society (IF= 1.968 (5-Year)); Guest editors: Junyi ZHANG and Shenjing He; To be published in 2019.
- 5) Special Issue "Understanding Young People's Life Choices and Travel Behavior", Transportation; Guest editors: Junyi ZHANG and Ying Jiang; To be published in 2019

INVITED LECTURES (18)

- 1) Transport Studies in Asia ~ An Overview ~. Invited
- 2) Junyi ZHANG (2013) 市民生活行動学の視点からみた次世代モビリティ. 次世代モビリティ研究会、刈谷市、2月7日.

NON-REFEREED PAPERS (323)

– Chapters in Books (14: in Japanese)

- 1) 上海 2050：协同治理与共享发展——联合国第三届世界城市日全球城市论坛实录
- 2) 子育て世帯の多様なライフスタイルを実現する都市・交通施策に関する研究, 大森宣暁ほか編, 日交研シリーズ A-557, 2012.12 (分担執筆)
- 3) オールド・ニュータウンにおける高齢者のモビリティと社会的排除, 藤原章正ほか編, 日交研シリーズ A-545, 2012.05 (分担執筆)
- 4) 子育て世帯の多様なライフスタイルを支援する都市・交通施策に関する研究, 大森宣暁ほか編, 日交研シリーズ A-536, 2012.01 (分担執筆)
- 5) 中山間地域における交通困難集落の実態を踏まえた世帯間送迎サービスの検討, 藤原章正ほか編, 日交研シリーズ A-521, 2011.06 (分担執筆)
- 6) 子育てバリアフリー施策とまちづくり, 大森宣暁ほか編, 日交研シリーズ A-514, 2011.03 (分担執筆)
- 7) 中山間地域における生活関連サービスの充足策に関する研究, 藤原章正ほか編, 日交研シリーズ A-511, 日本交通政策研究会, 2010.12 (執筆分担)
- 8) 子育て中の外出および社会参加を支援するバリアフリー施策, 大森宣暁ほか編, 日交研シリーズ A-490, 2009.11 (分担執筆)
- 9) 「限界集落」を対象とした中山間地域のモビリティ確保と地域再編戦略に関する研究, 藤原章正ほか編, 日交研シリーズ A-473, 日本交通政策研究会, 2009.04 (執筆分担)
- 10) 高齢社会を迎えた地方都市におけるモビリティ確保のための政策分析, 藤原章正ほか編, 日交研シリーズ A-449, 日本交通政策研究会, 2008.06 (執筆分担)
- 11) 地方都市における世帯の自動車保有・利用行動と環境効率性の分析, 杉恵頼寧ほか編, 日交研シリーズ A-427, 日本交通政策研究会, 2007.07 (分担執筆)
- 12) 工学教育論 (訳本; 中国語: 工程教育論), 関正夫・大塚豊編, 玉川大学出版部, 1998 (計 9 章、第 5~9 章翻訳担当)
- 13) 高齢者社会における交通インフラ整備のあり方 (その 1), 杉恵頼寧ほか編, 日交研シリーズ A-207, 日本交通政策研究会, 1996 (分担執筆)
- 14) 高齢者社会における交通インフラ整備のあり方 (その 2), 杉恵頼寧ほか編, 日交研シリーズ A-222, 日本交通政策研究会, 1997 (分担執筆)

– Papers with refereed abstracts (78 papers)

- 1) Junyi ZHANG, Weiyan ZONG, David PEREZ BARBOSA (2018) Analysis of Migration Behavior Based on the Time Perspective Theory. Presented at the 3rd International Time-Geography Conference, Beijing, China, September 20-23
- 2) Junyi ZHANG (2018) Time Use Modeling Research: An Overview. Presented at the 3rd International Time-Geography Conference, Beijing, China, September 20-23
- 3) Fuyo (Jenny) YAMAMOTO, Junyi ZHANG (2018) Using activity-travel diaries to explore children's everyday mobilities and access to education in rural Nepal. Presented at the 3rd International Time-Geography Conference, Beijing, China, September 20-23
- 4) Junyi ZHANG, Ying JIANG (2018) How Residential Environment Affects Travel Mode Choices: Ideal and Reality. Presented at the World Transport Convention, Beijing, China, June 18-21
- 5) The Ngoc Anh Nguyen, Junyi ZHANG, Akimasa FUJIWARA, Makoto Chikaraishi (2016) Impacts of Congestion Charge on Travel Behavior in Hanoi, Vietnam. Proceedings of the 9th ATRANS Symposium: Young Researcher's Forum (AYRF) 2016, Bangkok, Thailand, August 19.
- 6) Ying JIANG, Junyi ZHANG (2016) Factors affecting driving avoidance behavior and effects of a smartphone based driving safety diagnosis tool. Civil Engineering Conference in the Asian Region CECAR 7, Waikiki, Oahu, Hawaii, August 30 - September 2.

- 7) Junyi ZHANG, Yubing XIONG, Ying JIANG, and Nobuhito TANAKA (2016) Migration from megacities to local cities in Japan: Capturing behavioral changes in association with other life choices. Proceedings of the 56th Annual Conference, The Association of Collegiate Schools of Planning, Portland, USA, November 3-6.
- 8) Linghan ZHANG, Ying JIANG, Junyi ZHANG (2016) Rural migrant workers' intention to stay in cities under China's new urbanization policy. Presented at the 10th International Association for China Planning (IACP), Beijing, China, June 30 - July 3. (Submitted to the special issue "Rural migrants in transitional urban China: Marginality, agency and social justice" in Journal of Urban Affairs)
- 9) Linghan ZHANG, Junyi ZHANG (2016) How tourism behavior contributes to the quality of life of the elderly people in depopulated areas of Japan? Paper presented at the Asian Symposium on Sustainable Tourism for Development – AST4D 2016, Hiroshima, Japan, April 28-29.
- 10) Linghan ZHANG, Yubing XIONG, Junyi ZHANG (2016) Aging population and tourism: a life-oriented approach to improve the quality of life in depopulated areas of Japan. The 2016 ISQOLS (International Society for Quality-of-Life Studies) Annual Conference, Seoul, South Korea, August 25-27.
- 11) Junyi ZHANG, Xin JIN, Ying JIANG, Ryosuke ANDO, Lin CHEN, Zhenjiang SHEN, Jiangqian YING (2015) Rural migrant workers' residential, travel, and energy consumption behavior in a changing context of urban China. Presented at the 9th International Association for China Planning (IACP), Chongqing, June 19-21.
- 12) Junyi ZHANG, Yubing XIONG, Minh Tu TRAN (2014) Life-oriented approach for urban policy decision-making: Surveys and applications. The 54th ERS (European Regional Science Association) Congress, Saint Petersburg, Russia, August 26-29.
- 13) Makoto CHIKARAISHI, Kazumasa KURAHASHI, Akimasa FUJIWARA, Junyi ZHANG, Kohei OTA (2014) Exploring multi-scale and multi-modal accessibility: Urban- and neighborhood-scale planning contexts. The 54th ERS (European Regional Science Association) Congress, Saint Petersburg, Russia, August 26-29.
- 14) Junyi ZHANG, Yubing XIONG, Minh Tu TRAN (2014) Dynamic Relationship between Residential and Travel Behavior and QOL. Presented at the 8th International Association for China Planning (IACP) Conference, Guangzhou, China, June 21-22.
- 15) Osamu HIGASHI and Junyi ZHANG (2013) PBL Education for Designing Sustainable Infrastructure System at Tonle Sap Lake. Proceedings of Mekong Environmental Symposium 2013, Ho Chi Minh City, Vietnam, March 5-7.
- 16) Junyi ZHANG and Gang LI (2012) Paratransit Users' Happiness during Travel and Life Satisfaction: A Case Study in Jakarta, Indonesia. Paper presented at the 11th ISQOLS (International Society for Quality-of-Life Studies) International Conference: Discovering New Frontiers in Quality of Life Research. Venice, Italy, November 1-4.
- 17) Junyi ZHANG (2012) Affective Experience during Travel: A Survey Based on Day Reconstruction Method. Paper presented at the 11th ISQOLS (International Society for Quality-of-Life Studies) International Conference: Discovering New Frontiers in Quality of Life Research. Venice, Italy, November 1-4.
- 18) Junyi ZHANG and Toshio KOBAYASHI (2012) Influence of park usage and travel behavior on health-related QOL: A cause-effect structural analysis. Paper presented at the 11th ISQOLS (International Society for Quality-of-Life Studies) International Conference: Discovering New Frontiers in Quality of Life Research. Venice, Italy, November 1-4.
- 19) Junyi ZHANG and Biying YU (2012) Households' Multidimensional Mobilities over Life Course and QOL: A Case Study in Japan. Paper presented at the 11th ISQOLS (International Society for Quality-of-Life Studies) International Conference: Discovering New Frontiers in Quality of Life Research. Venice, Italy, November 1-4.
- 20) Lingling WU and Junyi ZHANG (2012) Accommodating Taste Variations in Tourist

- Satisfaction Analysis. Paper presented at the 43rd Annual Conference of the Travel and Tourism Research Association (TTRA), Virginia Beach, June 17-19.
- 21) Junyi ZHANG, Yoshiyuki TSUCHIYA, Hiroyuki HINOHARA and Mokoto CHIKARAISHI (2012) Citizens' life behavior and quality of life: Survey and modeling, Paper presented at the IATUR (International Association for Time Use Research) 34th Annual Conference, Matsue City, Japan, August 22-24.
 - 22) Junyi ZHANG (2012) An analysis of shoppers' time use, expenditure behavior incorporating the influence of affective experience. Paper presented at the 19th Conference on Retailing and Consumer Services, The European Institute of Retailing and Services Studies (EIRASS), Vienna, Austria, July 9-12. (CD-ROM)
 - 23) Junyi ZHANG, Makoto CHIKARAISHI, Suguru SHINDOME, Akimasa FUJIWARA (2011) An analysis of shoppers' spatial choice behavior incorporating the influence of subjective well-being. Paper presented at the 51st European Congress of the Regional Science Association International, Barcelona, Spain, August 30 - September 3.
 - 24) Makoto CHIKARAISHI, Junyi ZHANG, Shohei OHYA, Akimasa FUJIWARA (2011) Exploring microscopic and long-term relationships between car ownership and residential location choice by using a retrospective life history survey. Paper presented at the 51st European Congress of the Regional Science Association International, Barcelona, Spain, August 30 - September 3.
 - 25) Junyi ZHANG, Yoshiyuki TSUCHIYA, Akimasa FUJIWARA (2011) Proposing a participatory self-declaring survey and examining its public acceptance based on stated preference survey. Paper presented at the 9th International Conference on Transport survey Methods, Termas Puyehue, Chile, November 14-18.
 - 26) Junyi ZHANG, Makoto CHIKARAISHI, Shohei OHYA and Akimasa FUJIWARA (2011) Applying a web-based life history survey to capture car-dependent mobility over life course in consideration of the influence of memory. Paper presented at the 9th International Conference on Transport survey Methods, Termas Puyehue, Chile, November 14-18.
 - 27) Makoto CHIKARAISHI , Akimasa FUJIWARA, Junyi ZHANG and Kenta TANAKA (2011) Identifying short-distance trips and their characteristics by utilizing GPS trajectories and individual-specific spatiotemporal information. Paper presented at the 9th International Conference on Transport survey Methods, Termas Puyehue, Chile, November 14-18.
 - 28) Makoto CHIKARAISHI , Akimasa FUJIWARA, Junyi ZHANG, Kay W. AXHAUSEN, Dirk ZUMKELLER (2011) Optimal sampling designs for multi-day and multi-period panel survey: Empirical evidences from German Mobility Panel. Paper presented at the 9th International Conference on Transport survey Methods, Termas Puyehue, Chile, November 14-18.
 - 29) Junyi ZHANG, Zhuo WANG, H.J.P. TIMMERMAN and Akimasa FUJIWARA (2010) Re-examining Travel Choice Behavior Based on a Scobit Model, Proceedings of The 12th World Conference on Transportation Research, Lisboa, Portugal, July 11-15 (CD-ROM).
 - 30) Junyi ZHANG, Zhuo WANG, H.J.P. TIMMERMAN and Akimasa FUJIWARA (2010) Integrating the concepts of relative utility and prospect theory curvature to represent context dependence in travel choice behavior, Proceedings of The 12th World Conference on Transportation Research, Lisboa, Portugal, July 11-15 (CD-ROM).
 - 31) Junyi ZHANG, Suguru SHINDOME, Makoto CHIKARAISHI and Akimasa FUJIWARA (2011) An analysis of shoppers' time use and monetary consumption behavior and affective experience based on DRM survey. Paper Accepted by the 33rd Conference of the International Association for Time Use Research (IATUR), Oxford, UK, August 1-3.
 - 32) Hiroshi SHIMAMOTO, Naoki MURAYAMA, Akimasa FUJIWARA and Junyi ZHANG (2010) Evaluation of bus network using a transit network optimization model - Case study on Hiroshima City bus network, Proceedings of The 12th World Conference on Transportation Research, Lisboa, Portugal, July 11-15 (CD-ROM).
 - 33) Sudarmanto Budi Nugroho, Akimasa FUJIWARA, Junyi ZHANG (2010) Analysis of

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- 11) Wonchul KIM, Junyi ZHANG, Akimasa FUJIWARA (2013) Development of a driving risk model based on speed choice: a case study for evaluating safety effects of in-vehicle traffic warning information. Working Paper Series of Center of Asian Sustainable Mobility Research, Hiroshima University.
- 12) Lingling WU, Junyi ZHANG, Akimasa FUJIWARA (2013) Panel Analysis of monthly tourism participation behavior based on a dynamic random-effect logit model.
- 13) David PEREZ BARBOSA, Junyi ZHANG (2013) Travel behavior and health: A new way to capture the influence. Working Paper Series of Center of Asian Sustainable Mobility Research, Hiroshima University.
- 14) Junyi ZHANG, Qingchang LU, ABM Sertajur RAHMAN, Lingling WU (2013) A survey of Bangladeshis adaptation behavior to climate disasters. Working Paper Series of Center of Asian Sustainable Mobility Research, Hiroshima University.
- 15) Sudarmanto Budi NUGROHO, Akimasa FUJIWARA, Junyi ZHANG (2013) A latent class accelerated hazard model of Taxi-like paratransit drivers' Work Duration in Jakarta city. Working Paper Series of Center of Asian Sustainable Mobility Research, Hiroshima University.
- 16) Biying YU, Junyi ZHANG, Akimasa FUJIWARA (2013) Rebound effects of vehicle energy efficiency improvement: An analysis based on an SP-off-RP survey. Working Paper Series of Center of Asian Sustainable Mobility Research, Hiroshima University.
- 17) Biying YU, Junyi ZHANG, Akimasa FUJIWARA (2013) Evaluating the direct and indirect

- rebound effects in household energy consumption behavior: A case study of Beijing. Working Paper Series of Center of Asian Sustainable Mobility Research, Hiroshima University.
- 18) Minh Tu TRAN, Makoto CHIKARAISHI, Akimasa FUJIWARA, Junyi ZHANG (2013) How current living environments influence Hanoians' desires for residential location choice?. Working Paper Series of Center of Asian Sustainable Mobility Research, Hiroshima University.
 - 19) Makoto Chikaraishi, Akimasa Fujiwara, Masato Ueda, Junyi ZHANG (2013) Panel analysis of behavioural modifications by the Great East Japan Earthquake. Working Paper Series of Center of Asian Sustainable Mobility Research, Hiroshima University.
 - 20) 力石真・藤原章正・Junyi ZHANG・塚井誠人 (2013) 潜在能力アプローチに基づくモビリティの概念化と計測. 土木学会論文集. Working Paper Series of Center of Asian Sustainable Mobility Research, Hiroshima University.
 - 21) Junyi ZHANG, Akimasa FUJIWARA (2010): Using the concept of relative utility to endogenously represent generation of choice set. Working Paper Series of Center of Asian Sustainable Mobility Research, Hiroshima University.
 - 22) Junyi ZHANG, Akimasa FUJIWARA (2009) Development of the DPSIR+C framework for measuring the social capacity of environmental management, Research Show Window: EASTS-Japan Working Paper Series, No.09-3, 2009.
 - 23) Metin SENBIL, Akimasa FUJIWARA, Junyi ZHANG (2007) What can we do to decrease private car ownership and its usage in developing countries: A capacity development approach for Jabotabek MA (Indonesia), Discussion Paper Series Vol.2007-2, The 21st Century COE Program "Social Capacity Development for Environmental Management and International Cooperation", Hiroshima University.
 - 24) Metin SENBIL, Junyi ZHANG, Akimasa FUJIWARA (2006) Motorcycle ownership and use in Jabotabek (Indonesia) Metropolitan Area, Discussion Paper Series Vol.2006-3, The 21st Century COE Program "Social Capacity Development for Environmental Management and International Cooperation", Hiroshima University.
 - 25) Metin SENBIL, Junyi ZHANG, Akimasa FUJIWARA (2006) Land use effects on travel behavior in Jabotabek (Indonesia) Metropolitan Area. Discussion Paper Series Vol.2006-4, The 21st Century COE Program "Social Capacity Development for Environmental Management and International Cooperation", Hiroshima University.
 - 26) Akimasa FUJIWARA, Metin SENBIL, Junyi ZHANG (2006) Capacity development for sustainable urban transport in developing countries, Discussion Paper Series Vol.2005-6, The 21st Century COE Program "Social Capacity Development for Environmental Management and International Cooperation", Hiroshima University.
 - 27) Akimasa FUJIWARA, Junyi ZHANG, M.R.M. DA CRUZ (2004) Social capacity development for urban air quality management the context of urban transportation Planning. Discussion Paper Series Vol.2004-1, The 21st Century COE Program "Social Capacity Development for Environmental Management and International Cooperation", Hiroshima University.

ORAL PRESENTATIONS (56 times)

- 1) Junyi ZHANG, Yubing XIONG (2013) Effects of life choices on the quality of life: A case study in Japan based on a combined Exhaustive CHAID and Bayesian Belief Network Approach. Invited Speech at the Seminar 'Advances in Happiness Economics', Erasmus University Rotterdam, The Netherlands, October 28-29, 2013.
- 2) Junyi ZHANG (2013) Climate disasters and adaptation measures in developing countries ~ A case study of tourism in Bangladesh ~, Presented at the 4th International Seminar on Urban Transport, Tourism and Travel Behavior Analysis, Xian, China, April 3-7.
- 3) Junyi ZHANG, Ying JIANG (2013) Post-accident adaptation behavior and dynamic travel information: A comparison between the elderly and non-elderly. Invited Speech at the International Workshop "Age-friendly Safety and Welfare in Transportation", Hanbat National University (Daejeon), June 13.
- 4) Junyi ZHANG (2012) Policy design for low-carbon cities in Asia. Presented at the Special Seminar on Urban and Regional Development in Climate Change Regime, Organized by the Global Environmental Leaders Education Program for Designing a Low-Carbon World, MEXT Special Coordination Funds for Promotion of Science and Technology, Higashi Hiroshima, November 19.
- 5) Junyi ZHANG (2012) From activity-based to life-oriented approach: Interdisciplinary challenges. Invited Speech at the International Seminar on Applications of Activity-based Transportation Modeling in Simulation and ICT Impacts, Korea Research Institute for Human Settlements (KRIHS) and TOD-based Engineering Research Center (TOD ERC), Seoul, South Korea, October 19.
- 6) Junyi ZHANG (2012) Interdisciplinary behavior studies for cross-sector energy policies. Keynote Speech in the International Conference on Low-carbon Transportation, Logistics and Green Buildings (LTLGB2012), Beijing, October 12-13.
- 7) Makoto CHIKARAISHI, Akimasa FUJIWARA, Junyi ZHANG and Makoto TSUKAI (2012) Conceptualizing and measuring elders' mobility: A capability approach. Aging Mobility and Quality of Life 2012, University of Michigan, USA, June 24-27.
- 8) Gang LI, Junyi ZHANG, Akimasa FUJIWARA and Budi Nugroho SUDARMANTO (2011) Behavioral modeling of paratransit systems in a developing city: Job choice of drivers and travel mode choice of users. Presented at the International Conference 2011 on Spatial Planning and Sustainable Development, Kanazawa, Japan, July 29-31.
- 9) Lingling WU, Junyi ZHANG and Akimasa FUJIWARA (2011) Development of an integrated tourist behavior model system. Presented at the International Conference 2011 on Spatial Planning and Sustainable Development, Kanazawa, Japan, July 29-31.
- 10) Biying YU, Junyi ZHANG and Akimasa FUJIWARA (2011) Exploring factors affecting household energy consumption in Asian megacities: Methodological development and applications. Presented at the International Conference 2011 on Spatial Planning and Sustainable Development, Kanazawa, Japan, July 29-31.
- 11) Biying YU., Junyi ZHANG, Akimasa FUJIWARA and Sudarmanto Budi Nugroho (2010) A Comparative Study on Household In-Home and Out-of-Home Energy Consumption in Asian Megacities, Presented at the 7th International Conference on Traffic & Transportation Studies (ICTTS'2010), Kunming, China, August 3~5.
- 12) Junyi ZHANG (2010) A review of tourist scheduling behavior models, Presented at The First International Conference on the Future of Human Mobility, Thai Society for Transportation and Traffic Studies, Phuket, Thailand, January 22-23.
- 13) Junyi ZHANG (2010) Modeling inter-personal interactions in activity-travel behavior, Traffic and Transportation Studies 2010 ASCE (Proceedings of the 7th International Conference on Traffic and Transportation Studies, Kunming, China, August 3-5, 13-26.

- 14) Junyi ZHANG, Wonchul KIM and Akimasa FUJIWARA (2010) Effects of In-Vehicle and Roadside Traffic Warning Information: Evaluation Based on a Social Experiment in Hiroshima, Presented at the International Symposium on Safe Mobility and International Cooperation, Jointly Organized by Malaysian Institute Of Road Safety Research (MIROS) Malaysia and Center of Asian Safe Mobility Research (ASMO), Hiroshima University, Kuala Lumpur, March 9~10.
- 15) Kuo-Ching WANG, Ruey-Luen CHEN, Wen-Yu CHEN, Junyi ZHANG, Yu-Lung SUNG, Parisa RUNGRUANG (2010) Senior tourists with on-line group package tour advertising, Presented at the 2010 Global Marketing Conference at Tokyo "Marketing in a Turbulent Environment", Tokyo, Japan, September 9-11 (CD-ROM).
- 16) Omran bin OMAR, Junyi ZHANG and Akimasa FUJIWARA (2010) Influential factors of motorcycle accidents in Kuala Lumpur: evaluation based on a questionnaire survey, Presented at the International Symposium on Safe Mobility and International Cooperation, Jointly Organized by Malaysian Institute Of Road Safety Research (MIROS) Malaysia and Center of Asian Safe Mobility Research (ASMO), Hiroshima University, Kuala Lumpur, March 9~10.
- 17) Junyi ZHANG, Akimasa FUJIWARA and Backjin LEE (2010) A comparative analysis between Japanese and Korean tourists' attitude and stated choice behavior along the Asian Highway, Presented at the 17th International Conference on Recent Advances in Retailing and Consumer Services Science, Istanbul, Turkey, July 2-5.
- 18) Junyi ZHANG (2009) Transport Governance for a Low-carbon Society: Theories and Practices, Invited Speech at the 5th China Transport Forum, October 17
- 19) Junyi ZHANG, Lili XU, Makoto CHIKARAISHI and Akimasa FUJIWARA (2009) Capturing the long-term changes in Japanese women's time use behavior based on a utility-maximizing time allocation model incorporating activity participation, Presented at the Japan-Netherlands Joint Seminar on "Household Activity-Travel Behavior Analysis for Urban Policy-Making of Supporting Women's Participation in Labor Market", Eindhoven, The Netherlands, March 18.
- 20) Junyi ZHANG, Masashi KUWANO and Akimasa FUJIWARA (2009) Representing household car ownership and use allocation behavior based on a bundle choice model with relative utility, Presented at 16th International Conference on Recent Advances in Retailing and Consumer Services Science, Niagara Falls, Canada, July 6-9.
- 21) Junyi ZHANG, Kazuya KANEMOTO, Biying YU and Sudarmanto Budi Nugroho (2009) An activity-based analysis of household energy consumption in Asian megacities, Presented at the International Workshop on Policies for a Low-Carbon Society in Developing Countries, IDEC, Hiroshima University, November 11.
- 22) Hiroshi SHIMAMOTO, Junyi ZHANG and Akimasa FUJIWARA (2009) Comparison of activity-travel patterns similarity in a depopulated area using sequential alignment method, Presented at the Japan-Netherlands Joint Seminar on "Household Activity-Travel Behavior Analysis for Urban Policy-Making of Supporting Women's Participation in Labor Market", Eindhoven, The Netherlands, March 18.
- 23) Sudarmanto Budi Nugroho, Akimasa FUJIWARA and Junyi ZHANG (2009) Private Motorized Urban Mobility and Its Impacts on Idle Emissions Measurement Program in Indonesia, Presented at the International Workshop on Policies for a Low-Carbon Society in Developing Countries, IDEC, Hiroshima University, November 11.
- 24) Masashi KUWANO, Junyi ZHANG and Akimasa FUJIWARA (2009) Analysis of intra-household car use allocation behavior based on group discrete choice model, Presented at 16th International Conference on Recent Advances in Retailing and Consumer Services Science, Niagara Falls, Canada, July 6-9.
- 25) Masashi KUWANO, Akimasa FUJIWARA, Makoto TSUKAI and Junyi ZHANG (2009) A simultaneous modeling of household vehicle holding duration and usage with a copula-based multivariate survival model, Presented at the Japan-Netherlands Joint Seminar on "Household

- Activity-Travel Behavior Analysis for Urban Policy-Making of Supporting Women's Participation in Labor Market", Eindhoven, The Netherlands, March 18.
- 26) Makoto CHIKARAISHI, Junyi ZHANG and Akimasa FUJIWARA (2009) The long-term changes of cross-sectional variations in Japanese time use behavior using multilevel multiple discrete-continuous extreme value (MDCEV) model, Presented at the Japan-Netherlands Joint Seminar on "Household Activity-Travel Behavior Analysis for Urban Policy-Making of Supporting Women's Participation in Labor Market", Eindhoven, The Netherlands, March 18.
 - 27) Junyi ZHANG, Lili XU, Makoto CHIKARAISHI and Akimasa FUJIWARA (2008) Analysis of influential factors causing long-term changes in time use behavior based on a time allocation model, Presented at the 30th Annual Conference of IATUR (International Association for Time Use Research), Sydney, Australia, Dec. 1-3.
 - 28) Junyi ZHANG, Lingling WU and Akimasa FUJIWARA (2008) Determinants of regional tourism behavior: A case study of Kyusyu, Chugoku and Shikoku regions in Japan, Presented at the 15th International Conference on Retailing and Services Science, Zagreb, Croatia, July 14-17.
 - 29) Junyi ZHANG and Zhuo WANG (2007) Modeling heterogeneous dynamics in choice behavior: an empirical analysis using panel data, Presented at the International Meeting of the Psychometric Society, Tokyo, July 9-13.
 - 30) Junyi ZHANG (2006) Promoting Transit-Oriented Residential Choice in Hiroshima City. Invited Speech at the TOD (Transit-Oriented Development) Symposium in DaLian, China, June 3.
 - 31) Junyi ZHANG, Akimasa FUJIWARA, Backjin LEE and Junichi SAWARA (2006) International tourism behavior along the Asian Highway: A comparison of Korean and Japanese travelers, Presented at the 2nd Japan/China Joint Seminar on Urban Development and Intelligent Transport Systems for the Future of Asian Cities, Harbin, China, July 30.
 - 32) Junyi ZHANG, Akimasa FUJIWARA, Backjin LEE and Junichi SAWARA (2006) Comparative analysis of bilateral tourism behavior mechanisms between Japan and Korea along Asian Highway, Presented at the International Conference on Tourism and the New Asia: Implications for Research, Policy and Practice, Beijing, August 9-12.
 - 33) Junyi ZHANG and Akimasa FUJIWARA (2006) Measuring pedestrians' value of time at central urban area, Presented at the 13th International Conference on Retailing and Services Science, Budapest, Hungary, July 9-12.
 - 34) Junyi ZHANG (2006) A generalized relative utility model: methodological development, Presented at the 11th International Conference of Hong Kong Society for Transportation Studies, Hong Kong, December 9-11.
 - 35) Junyi ZHANG and Akimasa FUJIWARA (2005) Household activity-travel scheduling model, Presented at the International Workshop of International Workshop on Advanced Transportation Studies (IWATS-2005), Higashi-Hiroshima, March 31.
 - 36) Metin SENBIL, Akimasa FUJIWARA and Junyi ZHANG (2005) Residential and travel mode choices in the developing world: A comparative study of 11 developing cities, Presented at the International Workshop of International Workshop on Advanced Transportation Studies (IWATS-2005), Higashi-Hiroshima, March 31.
 - 37) Metin SENBIL, Akimasa FUJIWARA and Junyi ZHANG (2005) Representing urban development based on a cellular automata model, Presented at the International Workshop of International Workshop on Advanced Transportation Studies (IWATS-2005), Higashi-Hiroshima, March 31.
 - 38) Masashi KUWANO, Junyi ZHANG and Akimasa FUJIWARA (2005) Car ownership and use model with intra-household interaction, Presented at the International Workshop of International Workshop on Advanced Transportation Studies (IWATS-2005), Higashi-Hiroshima, March 31.

- 39) Junyi ZHANG, Akimasa FUJIWARA, Yoriyasu SUGIE and Yuko ISHIHARA (2004) Evaluation of urban service quality in a local city considering intra-household gap, Presented at the 11th International Conference on Retailing and Service Science, Prague, August 10-13.
- 40) Sudarmanto Budi Nugroho, Akimasa FUJIWARA and Junyi ZHANG (2004) Air quality improvement analysis by new emission standard of vehicles, Presented Better Air Quality 2004 Workshop, Agra, India, December 6-8 (CD-ROM).
- 41) Akimasa FUJIWARA, Metin SENBIL and Junyi ZHANG (2004) Urban sprawl, energy use and CO2 emissions in Japanese cities. International Workshop on "Policy Integration towards Sustainable Energy Use for Asian Cities: Integrating Local Air Pollution and Greenhouse Gas Emissions Concerns", IGES Meeting, Kanagawa, JAPAN, Jan. 28-29.
- 42) Junyi ZHANG, Akimasa FUJIWARA, Yoriyasu SUGIE and Toshihisa YAMADA (2003) Analysis of weekly time use pattern of the elderly in rural and mountainous regions incorporating household members' interaction theoretically. Presented at the 10th International Conference on Retailing and Service Science, Portland, U.S.A., August 7-10.
- 43) Akimasa FUJIWARA, Junyi ZHANG and Yoriyasu SUGIE (2003) Tourist travel demand analysis based on scheduling model, Presented at the 10th International Conference on Retailing and Service Science, Portland, U.S.A., August 7-10.
- 44) Akimasa FUJIWARA, Junyi ZHANG and Toshiyuki OKAMURA (2003) Influence of urban form on transportation energy consumption: Propositions for livable, environmentally-friendly cities. Paper presented at the IGES-KEI International Workshop on "The Role of Planning Practices toward Sustainable Urban Environment in Asia: Environmental".
(The above invited lecture)
- 45) Junyi ZHANG (2014) Development of a GPS-enabled smart phone app for driving safety diagnosis. Invited Speech at 14th COTA International Conference of Transportation Professionals (CICTP2014), July 4-7, 2014, in Changsha, China.
- 46) Junyi ZHANG, Yubing XIONG (2013) Effects of life choices on the quality of life: A case study in Japan based on a combined Exhaustive CHAID and Bayesian Belief Network Approach. Invited Speech at the Seminar 'Advances in Happiness Economics', Erasmus University Rotterdam, The Netherlands, October 28-29, 2013.
- 47) Junyi ZHANG, Ying JIANG (2013) Post-accident adaptation behavior and dynamic travel information: A comparison between the elderly and non-elderly. Invited Speech at the International Workshop "Age-friendly Safety and Welfare in Transportation", Hanbat National University (Daejeon), June 13.
- 48) Junyi ZHANG (2012) From activity-based to life-oriented approach: Interdisciplinary challenges. Invited Speech at the International Seminar on Applications of Activity-based Transportation Modeling in Simulation and ICT Impacts, Korea Research Institute for Human Settlements (KRIHS) and TOD-based Engineering Research Center (TOD ERC), Seoul, South Korea, October 19.
- 49) Junyi ZHANG (2012) Interdisciplinary behavior studies for cross-sector energy policies. Keynote Speech in the International Conference on Low-carbon Transportation, Logistics and Green Buildings (LTLGB2012), Beijing, October 12-13.
- 50) Junyi ZHANG (2010) A review of tourist scheduling behavior models, Presented at The First International Conference on the Future of Human Mobility, Thai Society for Transportation and Traffic Studies, Phuket, Thailand, January 22-23.
- 51) Junyi ZHANG (2010) Modeling inter-personal interactions in activity-travel behavior, Traffic and Transportation Studies 2010 ASCE (Proceedings of the 7th International Conference on Traffic and Transportation Studies, Kunming, China, August 3-5, 13-26.
- 52) Junyi ZHANG (2009) Subjective well-being and activity-travel behavior analysis: Applying day reconstruction method to explore affective experience during travel, Proceedings of The 14th International Conference of Hong Kong Society for Transportation Studies, Hong Kong, December 10-12, Vol. 2, 439-449.

- 53) Junyi ZHANG (2009) Transport Governance for a Low-carbon Society: Theories and Practices, Invited Speech at the 5th China Transport Forum, October 17
- 54) Akimasa FUJIWARA, Junyi ZHANG and Koji SUTO (2008) Evaluation of the effects of a warning information system on reducing traffic accidents based on a social experiment in Hiroshima, Japan, Proceedings of the 6th International Conference on Traffic & Transportation Studies, 26-53, Nanning, China, August 5-7.
- 55) Junyi ZHANG (2006) Promoting Transit-Oriented Residential Choice in Hiroshima City. Invited Speech at the TOD (Transit-Oriented Development) Symposium in Dalian, China, June 3.
- 56) Akimasa FUJIWARA, Junyi ZHANG and M.R.M. DA CRUZ (2004) Society capacity evaluation for urban air quality management in the context of urban and transportation planning, Presented at the 9th National Convention on Civil Engineering, Thailand, May 19-21.

MAJOR RESEARCH FUNDS

MAJOR RESEARCH FUNDS

Principle Researcher (Scientific Research Funds)

598.42 million Yen

- 1) Interdisciplinary research on policies promoting young people's migration to and permanent residence in local cities: Grants-in-Aid for Scientific Research (A), Japan Society for the Promotion of Science (JSPS), April 2015 ~ March 2019 (49,850,000 Yen)
地方都市への若者の移住・定住促進策に関する学融合研究, 独立行政法人日本学術振興会 科学研究費補助金 (基盤研究 (A) (一般), 研究課題番号: 15H02271, 2015~2018 年度)
49.85 百万円
- 2) Development of Cross-Sector Urban Planning and Management Methodologies by Establishing a Life-oriented Approach: Grants-in-Aid for Scientific Research (A), Japan Society for the Promotion of Science (JSPS), April 2010 ~ March 2014 (49,056,000 Yen)
市民生活行動学の構築による部門横断型まちづくりのための政策意思決定方法論の開発, 独立行政法人日本学術振興会 科学研究費補助金 (基盤研究 (A) (一般), 研究課題番号: 22246068, 2010~2013 年度)
49.06 百万円
- 3) The progress of urbanization due to migrants from rural areas and its impacts on the low-carbon urban development under the China's new urbanization policy: Grants-in-Aid for Scientific Research (B), Japan Society for the Promotion of Science (JSPS), April 2014 ~ March 2017 (19,860,000 Yen)
中国の新型城鎮化政策による農民工の都市住民化動向と低炭素まちづくりへの影響の調査, 独立行政法人日本学術振興会 科学研究費補助金 (基盤研究 (B) (海外学術調査), 研究課題番号: 26303003, 2014~2016 年度)
19.86 百万円
- 4) Global Environmental Leaders Education Program for Designing a Low-Carbon Society, MEXT Special Coordination Funds for Promotion of Science and Technology, July 2008 ~ June 2012 (466,100,000 Yen).
低炭素社会を設計する国際環境リーダー育成, 文部科学省科学技術振興調整費戦略的環境リーダー育成拠点形成プログラム, 2008~2012 年度, サブプログラム「脱温暖化社会システムの設計」リーダー)
466.1 百万円
- 5) Survey and Analysis Method of Urban Activity-Travel Behavior Incorporating inter-personal interaction mechanisms: Grants-in-Aid for Scientific Research (C), Japan Society for the Promotion of Science (JSPS), April 2007 ~ March 2010 (4,550,000 Yen)
個人間相互作用メカニズムを取り入れた都市生活行動の調査・解析方法の研究, 独立行政法人日本学術振興会 科学研究費補助金 (基盤研究 (C), 研究課題番号: 19560536, 2007~2009 年度)
4.55 百万円
- 6) Household Activity-Travel Behavior Analysis for Urban Policy-Making of Supporting Women's Participation in Labor Market: A Comparative Study between Japan and the Netherlands, Japan-Netherlands Joint Seminar Program, Japan Society for the Promotion of Science, 2008 (2,500,000 Yen)
女性の社会進出を支援する都市政策の立案のための世帯生活行動に関する日蘭比較研究, 独立行政法人日本学術振興会・日蘭共同セミナー, 2008 年度
2.5 百万円
- 7) Household travel behavior analysis based on group decision-making theory: Grant-in-Aid for Young Scientists (B), Japan Society for the Promotion of Science (JSPS), April 2004 ~ March 2007 (3,700,000 Yen)
集団意思決定理論による世帯交通行動分析, 独立行政法人日本学術振興会 科学研究費補助金 (若手研究 B, 研究課題番号: 16760429, 2004~2006 年度)
3.7 百万円
- 8) Study on the applicability of travel mode choice model with unobserved heterogeneity: Encouragement of Scientists, Japan Society for the Promotion of Science (JSPS), April 1997 ~ March 1999 (2,200,000 Yen)
個人の潜在意識の違いを考慮した動的交通行動モデルの実用化, 文部省 科学研究費補助金 (奨励研究, 研究課題番号: 09750622, 1997~1998 年度)
2.2 百万円

- 9) Dynamic analysis of travel demand model considering the heterogeneity, The Japan Research Center for Transport Policy, April 1995 ~ March 1996 (600,000 Yen)
異質性を考慮した交通需要モデルのダイナミック分析, 日本交通政策研究会, 1995 年度
0.6 百万円

Principle Researcher (Research Funds from local government and firms) 19.4 million Yen

- 1) Traffic Safety Measures on Expressways based on Individualized ICT Technologies and Their Influence on Drivers' Route Choice Behavior, West Nippon Expressway Company Limited, Japan, April 2013 ~ March 2015 (10,000,000 Yen)
個人指向型情報通信技術を活用した高速道路安全走行支援策と経路選択行動に与える影響に関する研究, 西日本高速道路株式会社中国支社, 2013.04~2015.04 10.0 百万円
- 2) Individualized traffic accidents prevention measures on expressways an re-evaluation of traffic accidents measures: West Nippon Expressway Company Limited, Japan, April 2012~ March 2013 (5,000,000 Yen)
高速道路における個人指向型交通事故発生予防策及び交通事故対策の再評価の研究, 西日本高速道路株式会社中国支社, 2012.04~2013.04 5.0 百万円
- 3) Basic Data Collection Study on Low-Emission Public Transport System in Lao PDR, JICA, 2012 (1,000,000 Yen)
アジアにおける低炭素交通システムの研究, ALMEC Co. Ltd., 2011~2012 年度
1.0 百万円
- 4) Safety and Security in the Chinese market, Mazda Motor Corporation, 2011.04~2013.04 (900,000 Yen)
中国市場における安心・安全 Needs, (株) マツダ, 2011.04~2013.04 0.9 百万円
- 5) Evaluating the Effects of Introducing STARWINGS in Beijing City: Development of Route Choice Model, Nissan Motor Company Limited, Japan, April 2008 ~ March 2009 (2,000,000 Yen)
北京市における STARWINGS 導入効果の試算: 経路選択モデルの構築, 日産自動車株式会社, 2008 年度
2.0 百万円
- 6) Model Development of Travel Product: The Experiences in Japan, Taiwan and the Mainland of China (Principal Researcher in Japan)
台湾行政院国家科学委員会特別研究プロジェクト, 2006-2009 年 (日本側研究代表者)
0.0 百万円
- 7) Study on the roles of transportation and urban attractiveness in Higashi-Hiroshima city, Higashi Hiroshima City, Japan (500,000 Yen)
東広島市の都市魅力づくりと交通の役割に関する研究, 平成 15 年度学園都市づくり推進事業補助金, 東広島市
0.5 百万円

Collaborative Researcher**3,937.80515 million Yen****(1) Scientific Research Funds**

- 1) TAOYAKA Program for Creating a Flexible, Enduring, Peaceful Society, Program for Leading Graduate Schools, Japan Society for the Promotion of Science (JSPS), April 2013~ March 2020 (2,891,450,000 Yen)
たおやかで平和な共生社会創生プログラム, 独立行政法人日本学術振興会博士課程教育リーディングプログラム, 2013~2019 年度) 2891.45 百万円
- 2) Measures of mitigating urban and mental barriers for realizing diverse lifestyles of child-rearing households: Grants-in-Aid for Scientific Research (B), Japan Society for the Promotion of Science (JSPS), April 2016 ~ March 2019 (19,850,000 Yen)
子育て世帯の多様なライフスタイル実現のための都市のバリアと心のバリアの緩和策, 独立行政法人日本学術振興会科学研究費補助金 (基盤研究 (B) (一般), 2016~2018 年度) 19.850 百万円
- 3) Development of health support measures under collaboration of workplaces and the region by utilizing forest resources for promotion of workers' health maintenance: Grants-in-Aid for Scientific Research (C), Japan Society for the Promotion of Science (JSPS), April 2016 ~ March 2019 (4,995,000 Yen)
労働者の健康保持増進のための森林資源を活用した職域と地域が連携した健康支援の開発, 独立行政法人日本学術振興会科学研究費補助金 (基盤研究 (C) (一般), 2016~2018 年度) 4.995 百万円
- 4) Mitigation measures of old newtowns in Asian developing cities: Grants-in-Aid for Scientific Research (A), Japan Society for the Promotion of Science (JSPS), April 2014 ~ March 2017 (36,280,000 Yen)
アジアの途上国都市におけるオールド・ニュータウン問題の緩和策, 独立行政法人日本学術振興会科学研究費補助金 (基盤研究 (A) (海外学術調査), 2014~2016 年度) 36.280 百万円
- 5) Data fusion theories and their applications for describing travel behavior in network: Grants-in-Aid for Scientific Research (A), Japan Society for the Promotion of Science (JSPS), April 2013 ~ March 2017 (47,945,000 Yen)
ネットワーク上の交通行動を記述するためのデータ統融合理論とその応用, 独立行政法人日本学術振興会科学研究費補助金 (基盤研究 (A) (一般), 2013~2016 年度) 47.945 百万円
- 6) Exploring better working style with consideration of childcare, policy proposal and evaluation: Grants-in-Aid for Scientific Research (B), Japan Society for the Promotion of Science (JSPS), April 2012 ~ March 2015 (18,670,000 Yen)
子育てしやすい働き方の探求と実現のための施策の立案および評価に関する研究, 独立行政法人日本学術振興会科学研究費補助金 (基盤研究(B)(一般), 研究課題番号: 80323442, 2012~2014 年度) 18.670 百万円
- 7) New neighborhood transportation planning methods for ageing newtowns: Grants-in-Aid for Scientific Research (B), Japan Society for the Promotion of Science (JSPS), April 2011 ~ March 2014 (18,173,000 Yen)
高齢化ニュータウンの新しい地区交通計画手法, 独立行政法人日本学術振興会科学研究費補助金(基盤研究(B)(一般), 研究課題番号: 50181409, 2011~2013 年度) 18.173 百万円
- 8) A Comprehensive Travel Behavior Survey Based on Data Fusion Theory By Making Full Use of Probe Technology, Grants-in-Aid for Scientific Research (A), Japan Society for the Promotion of Science (JSPS), April 2009 ~ March 2013 (2009~2010: 23,790,000 Yen)

- プローブ技術を援用したデータフュージョン理論による総合的交通行動調査の高度化, 独立行政法人日本学術振興会科学研究費補助金 (基盤研究 (A) (一般), 研究課題番号: 21246080, 2009~2012 年度) 23.79 百万円
- 9) Low-Carbon Asia Research Project, Environment Research and Development Fund of the Ministry of the Environment, Japan (MOEJ), April 2009 ~ March 2015 (263,840,000 Yen)
環境省環境研究総合推進費「アジア低炭素社会に向けた中長期的政策オプションの立案・予測・評価手法の開発とその普及に関する総合的研究 (課題番号 S-6)」, 2009~2014 年度 263.84 百万円
- 10) Methods of Evaluating the Effects of Area-Wide Context-Responsive Traffic Warning System: Grants-in-Aid for Scientific Research (C), Japan Society for the Promotion of Science (JSPS), April 2008 ~ March 2010 (4,680,000 Yen)
コンテキスト応答型警告システムの地区全体への導入効果評価手法, 独立行政法人日本学術振興会科学研究費補助金(基盤研究(C),研究課題番号:20560491,2008~2010 年度) 4.68 百万円
- 11) Study on Regional Deployment of Smart Mobility Network: Grants-in-Aid for Scientific Research (B), Japan Society for the Promotion of Science (JSPS), April 2007 ~ March 2009 (20,410,000 Yen)
スマートモビリティネットワークの地域展開に関する研究, 独立行政法人日本学術振興会科学研究費補助金 (基盤研究(B)(一般), 研究課題番号: 19360228, 2007~2008 年度) 20.41 百万円
- 12) Study on International Standards of Road Signs and Traffic Safety Strategies for Korea-Japan Route of the Asian Highway, Japan-Korea Joint Research Program, Japan Society for the Promotion of Science, July 2006 ~ June 2008 (2,400,000 Yen)
アジアハイウェイ・日韓ルートにおける道路案内標示の国際標準化及び交通安全対策に関する研究, 独立行政法人学術振興会日本学術振興会日韓科学協力事業共同研究補助金, 2006 年 7 月~2008 年 6 月 2.4 百万円
- 13) Inter-city transportation facility planning with the consideration of flight cancel and delay risks: Grants-in-Aid for Scientific Research (B), Japan Society for the Promotion of Science (JSPS), April 2005 ~ March 2008 (16,410,000 Yen)
都市間交通サービスの欠航・遅延リスクに対応した施設計画, 独立行政法人日本学術振興会科学研究費補助金 (基盤研究(B)(一般), 研究課題番号: 17360249, 2005~2007 年度) 16.41 百万円
- 14) Study on Tourist Demand Forecasting and Evaluation of Tourist Information Provision Policy for Japan-Korea Route of Asian Highway, Japan-Korea Joint Research Program, Japan Society for the Promotion of Science, July 2004 ~ June 2006 (2,400,000 Yen)
アジアハイウェイ・日韓ルートの観光需要予測および観光情報提供政策の評価に関する研究, 独立行政法人学術振興会日本学術振興会日韓科学協力事業共同研究補助金, 2004 年 7 月~2006 年 6 月 2.4 百万円
- 15) Theoretical study and policy analysis of sustainable urban life from the family viewpoint: Grants-in-Aid for Scientific Research (C), Japan Society for the Promotion of Science (JSPS), April 2004 ~ March 2006 (3,600,000 Yen)
家族の視点からみた持続可能な都市生活の理論的研究及び政策分析, 独立行政法人日本学術振興会科学研究費補助金 (基盤研究 C(2), 研究課題番号: 16610008, 2004~2005 年度) 3.6 百万円
- 16) Social Capacity Development for Environmental Management and International Cooperation: The 21st Century Of Excellence (COE) Program, Japan Society for the Promotion of Science (JSPS), April 2003 ~ March 2008 (414,200, 000 Yen)
文部科学省 21 世紀 COE プログラム「社会的環境管理能力の形成と国際協力拠点」, 2003 ~2007 年度独立行政法人学術振興会日本学術振興会科学研究費補助金) 414.2 百万円

- 17) Analysis on Changes in Household Car Ownership and Use: Japan-France Joint Research Program, Japan Society for the Promotion of Science, July 2004 ~ June 2005 (2,400,000 Yen)
世帯の自動車保有と利用の変化に関する分析, 独立行政法人学術振興会日本学術振興会日仏交流促進事業共同研究補助金, 2003.10~2005.09 2.4 百万円
- 18) Evaluation of Introducing Low-Floor Light Rail Vehicles Based on Subjective Value: Grants-in-Aid for Scientific Research (C), Japan Society for the Promotion of Science (JSPS), April 2003 ~ March 2005 (2,300,000 Yen)
主観的価値に基づく超低床式路面電車の導入事業の評価手法の開発, 独立行政法人学術振興会日本学術振興会科学研究費補助金 (基盤研究 C (2)), 研究課題番号: 14550530, 2003 ~ 2004 年度 2.3 百万円
- 19) Development of an evaluation system to measure the effects of advanced travel information provision system: Grants-in-Aid for Scientific Research (C), Japan Society for the Promotion of Science (JSPS), April 2001 ~ March 2004 (3,500,000 Yen)
高度交通情報システムの整備に伴う効果測定システムの開発, 独立行政法人日本学術振興会科学研究費補助金 (基盤研究 C(2)), 研究課題番号: 13650586, 2001~2003 年度 3.5 百万円
- 20) Development of Dynamic Models based on Stated Preference Panel Data: Grants-in-Aid for Scientific Research (C), Japan Society for the Promotion of Science (JSPS), April 1997 ~ March 2000 (3,900,000 Yen)
選好意識パネルデータを用いたダイナミックモデルの開発, 独立行政法人学術振興会日本学術振興会科学研究費補助金 (基盤研究 C(2)), 研究課題番号: 09650588, 1997~1999 年度 3.9 百万円
- 21) Development of dynamic travel mode choice model with stated preference panel data: Grants-in-Aid for Scientific Research (C), Japan Society for the Promotion of Science (JSPS), April 1995 ~ March 1997 (2,000,000 Yen)
多時点交通機関選好意識データを用いたダイナミックモデルに関する研究, 文部省科学研究費補助金 (基盤研究 C(2)), 研究課題番号: 07650625, 1995~1996 年度 2.0 百万円

Research Funds from institutes, local governments and firms

- 22) Elderly mobility and social exclusion in old newtowns, The Japan Research Center for Transport Policy, April 2011 ~ March 2012 (1,300,000 Yen)
オールドニュータウンにおける高齢者のモビリティと社会的排除, 日本交通政策研究会, 2011 年度 1.3 百万円
- 23) Mitigation measures of social exclusion by promoting personal mobility, Fund of Hiroshima University, April 2011 ~ March 2012 (1,470,000 Yen)
パーソナルモビリティの普及が社会的疎外の緩和に及ぼす影響評価, 2011 年度広島大学地域連携推進事業 1.47 百万円
- 24) Travel Time Prediction Under Incidental Traffic Conditions and Travel Behavioral Changes Under the Provision of Travel Information on Travel Time Reliability, West Nippon Expressway Company Limited, Japan, December 2010 ~ March 2011 (2,500,000 Yen)
突発的事象時の所要時間予測手法と所要時間信頼性情報提供による利用者交通行動変容の検討, NEXCO 中国支社, 2010-2011 年度 5.79 百万円
- 25) Regional Deployment of Electric Vehicle, Nissan Motor Company Limited, Japan, December 2010 ~ March 2011 (2,000,000 Yen)
電気自動車の地域活用に関する研究, 日産自動車株式会社, 2010 年度 2.0 百万円
- 26) Strategic Deployment of ITS (Intelligent Transport Systems) Technologies for Efficiently Resolving Regional Issues, Japan Society of Civil Engineers, April 2009 ~ March 2010 (4,000,000 Yen)

- 地域の課題を効率的に解決する I T S の技術の導入戦略に関する調査研究, 土木学会, 2009 年度 4.0 百万円
- 27) Innovative Survey Methods for Transportation Planning of Hiroshima Metropolitan Area, Fund of Hiroshima University, April 2008 ~ March 2009 (2,500,000 Yen)
広島都市圏におけるパーソントリップ調査の独創的な手法構築について, 広島大学地域貢献研究, 2008 年度 2.5 百万円
- 28) An Automatic Guidance System of Multi-Modal Travel Information, under the research project titled “Research and Development for User-Oriented Public Transportation” (project duration: December 2007 ~ September 2011) funded by the Korea Research Institute for Human Settlements 10.0 百万円
- 29) Study on traffic safety improvement measures by using ITS (Intelligent Transport Systems) technologies, West Nippon Expressway Company Limited, Japan, April 2007 ~ March 2009 (7,130,000 Yen)
ITS 技術を用いた安全性向上策の検討, 西日本高速道路株式会社, 2007~2008 年度 7.13 百万円
- 30) Basic study on securing mobility and regional re-construction strategies for depopulated regions focusing on “near-collapse villages, The Japan Research Center for Transport Policy, April 2008 ~ March 2009 (1,500,000 Yen)
「限界集落」を対象とした中山間地域のモビリティ確保と地域再編戦略に関する基礎研究, 日本交通政策研究会, 2008 年度 1.5 百万円
- 31) Study on area-wide context-responsive traffic accident warning information system, Japan Society of Civil Engineers, April 2007 ~ March 2008 (4,200,000 Yen).
エリアワイドなコンテキスト応答型交通事故警告システムの研究, 土木学会, 2007 年度 4.2 百万円
- 32) Comprehensive application of ITS technologies to improve traffic safety at a road section with successive intersection, Japan Society of Civil Engineers, April 2004 ~ March 2007 (27,000,000 Yen)
連続交差点区間の安全性向上に向けた ITS 技術の総合的適用, 土木学会, 2004~2006 年度 27.0 百万円
- 33) Analysis of household car ownership and use behavior and efficiency in local cities, The Japan Research Center for Transport Policy, April 2006 ~ March 2008 (1,500,000 Yen)
地方都市における世帯の自動車保有・利用行動と環境効率性の分析, 日本交通政策研究会共同研究プロジェクト, 2006~2007 年度 1.5 百万円
- 34) Study on public transportation policies in Higashi-Hiroshima city, Higashi Hiroshima City, Japan April 2006 ~ March 2007 (9,935,800 Yen)
東広島市の今後の公共交通施策の検討, 東広島市, 2006 年度 9.94 百万円
- 35) Survey of current situations of public transportation systems in Higashi-Hiroshima city and future public transportation policies, Higashi Hiroshima City, Japan April 2006 ~ March 2007 (2,976,350 Yen)
東広島市の公共交通の実態と今後の公共交通施策について, 東広島市, 2005 年度 2.98 百万円
- 36) The methods of transportation infrastructure improvement for the aging society, The Japan Research Center for Transport Policy, April 1996 ~ March 1999 (1,500,000 Yen)
高齢者社会における交通インフラ整備のあり方, 日本交通政策研究会, 1996~1998 年度 3.0 百万円
- 37) Lifestyles of households needing childcare and urban and transportation measures, The Japan Research Center for Transport Policy, April 2008 ~ March 2014 (9,000,000 Yen)
子育て世帯の多様なライフスタイルを実現する都市・交通施策に関する研究, 日本交通政策研究会, 2008~2012 年度 9.0 百万円

- 38) Human Activity Impacts on Urban Subsurface Environments: Research Institute for Humanity and Nature, Inter-University Research Institute Cooperation, National Institutes for the Humanities, Japan, April 2006 ~ March 2011 (46,100,000 Yen).

都市の地下環境に残る人間活動の影響, 総合地球環境学研究所・研究プロジェクト 2-4,
2006~2010 年度 46.1 百万円

MAIN ACTIVITIES IN ACADEMIC SOCIETIES

Affiliated Associations and Societies

- 1) Japan Society of Civil Engineers 土木学会: 1993～
- 2) Japan Society of Traffic Engineers 交通工学研究会: 1994～
- 3) The City Planning Institute of Japan 日本都市計画学会: 2002～
- 4) Japan Society of Energy and Resources エネルギー・資源学会: 2010～
- 5) Japanese Society of Public Health 日本公衆衛生学会: 2011～
- 6) Society for Serviceology サービス学会: 2013～
- 7) International Association on Travel Behaviour Research (IATBR): 1997～
- 8) Eastern Asia Society for Transportation Studies (EASTS): 2001～
- 9) Transportation Research Board (TRB): 2001～
- 10) World Conference on Transport Research Society (WCTRS): 2004～-
- 11) International Society of Lifestyle, Leisure and Tourism Science: 2005～-
- 12) International Association for Time Use Research (IATUR): 2007～
- 13) Asia Pacific Tourism Association (APTA): 2007～
- 14) International Society for Quality-of-Life Studies: 2012～

Editors and Editorial Boards

- 1) A board member, International Association for Travel Behaviour Research (IATBR): 2016～
- 2) Editor-in-chief of Asian Transport Studies (ATS), Eastern Asia Society for Transportation Studies (EASTS), 2013～
- 3) TRB Committee "Committee on Traveler Behavior and Values (ADB10)" Member (08/29/2012 ~ 04/14/2017), TRB ID: 32600
- 4) Editorial Advisory Board of the journal Transportation (2012.08～)
- 5) Editorial Board, Journal of Traffic Safety and Security (since its foundation)
- 6) Associate Editor of Transportmetrica B: Transport Dynamics (2013～)
- 7) Associate Editor of Travel Behavior and Society (2013～)
- 8) The Associate Editor of Asian Transport Studies (ATS) journal, Eastern Asia Society for Transportation Studies (EASTS), 2009～2012
- 9) Editor-in-chief of Asian Transport Studies (ATS) journal, Eastern Asia Society for Transportation Studies (EASTS), 2013～
- 10) International Scientific Committee, EASTS, 2008～
- 11) Member of International Advisory Committee of the HKSTS International Conference Series, Hong Kong Society For Transportation Studies (HKSTS), 2010～
- 12) Editorial Board member, Journal of Society for Transportation and Traffic Studies (JSTS), Thailand, 2010～
- 13) Invited editorial board, Intelligent Transportation System and Information Technology, 2008～
- 14) Editorial Board, Journal of Lifestyle, Leisure and Tourism Research, 2003～
- 15) Editorial Advisory Board, International Journal of Culture, Tourism and Hospitality Research, 2005～
- 16) 土木学会論文集編集委員会, D3 分冊編集小委員会・委員, 2010～2012 年
- 17) 都市計画学会中国四国支部会・企画委員会・委員, 2006～
- 18) 平成 19 年度土木学会全国大会実行委員会・委員, 2005～2007
- 19) 土木学会土木計画学学術小委員会委員兼幹事, 2005～2008
- 20) 都市計画学会中国四国支部会・学術委員会・委員, 2004～2014
- 21) 都市計画学会中国四国支部会・学術委員会・副委員長, 2014～2015
- 22) 土木学会土木計画学研究会「市民生活行動研究小委員会」委員長、2012～2015
- 23) 土木学会土木計画学研究会「地方創生と若者生活研究小委員会」委員長、2015～2018

Reviewers for SCI/SSCI Journals

Transportation, urban studies, tourism, environment, energy, marketing, psychology, etc.

- 1) Urban Geography
- 2) Journal of Transport Geography
- 3) Tourism Geographies
- 4) Urban Studies
- 5) Computers, Environment and Urban Systems
- 6) Sustainable Cities and Society
- 7) Environment and Planning A: Economy and Space
- 8) Environment and Planning B: Planning and Design
- 9) CACAIE (Computer-Aided Civil and Infrastructure Engineering)
- 10) Transportation Research Part A: Policy and Practice
- 11) Transportation Research Part B: Methodological
- 12) Transportation Research Part C: Emerging Technologies
- 13) Transportation Research Part D: Transport and Environment
- 14) Transportation Research Part F: Traffic Psychology and Behaviour
- 15) Transportation
- 16) Journal of Intelligent Transportation Systems, IEEE
- 17) Accident Analysis & Prevention
- 18) Transport Policy
- 19) Case Studies on Transport Policy
- 20) Transportation Science
- 21) Transportation Research Record (TRR)
- 22) Transportmetrica A: Transport Science
- 23) Transportmetrica B: Transport Dynamics
- 24) Journal of Transportation Engineering, ASCE
- 25) Journal of Advanced Transportation
- 26) European Journal of Transport and Infrastructure Research
- 27) Journal of Traffic Safety and Security
- 28) Journal of Transport and Land Use
- 29) Energy Economics
- 30) Energy Policy
- 31) Journal of Cleaner Production
- 32) Sustainability
- 33) Tourism Management
- 34) Asia Pacific Journal of Tourism Research
- 35) Journal of Leisure Research
- 36) Journal of Destination Marketing & Management
- 37) Journal of Travel & Tourism Marketing
- 38) The Service Industries Journal
- 39) Psychology and Marketing
- 40) Journal of Choice Modelling
- 41) Journal of Navigation, etc.

Reviewers for other journals/conferences

- 1) Annual Meeting of Transportation Research Board (TRB)
- 2) International Conference of IATBR (International Association on Travel Behaviour)
- 3) Asian Transport Studies (ATS), EASTS (Eastern Asia Society for Transportation Studies)
- 4) International Conference of EASTS (Eastern Asia Society for Transportation Studies)

- 5) IATSS (International Association of Traffic and Safety Sciences) Research
- 6) International Symposium on Transportation and Traffic Theory
- 7) International Journal of ITS Research
- 8) JRCS (Journal of Retailing and Consumer Services)
- 9) International Choice Modelling Conference
- 10) International Conference on Traffic and Transportation Studies (ICTTS)
- 11) International Conference of Chinese Transportation Professionals (ICTTP)
- 12) 土木学会論文集 (Journal of the Japan Society of Civil Engineers)
- 13) 土木計画学論文集 (Infrastructure Planning Review)
- 14) 都市計画論文集 (Journal of the City Planning Institute of Japan)
- 15) Outstanding Paper Award for Young Engineers/Researchers, The Hong Kong Institution of Engineers, 2008
- 16) 2007 Eric I. Pas Prize of IATBR (2008)
- 17) IATBR Eric I. Pas Prize: Dissertation Prize Selection Committee (Chair: 2013; Member (one of three key members): 2011, 2012)
- 18) Reviewer of the Research Foundation Flanders (FWO), Belgium, 2011~
- 19) Reviewer of the Research Foundation Flanders (NWO), The Netherlands, 2017~, etc.

Organizing Conferences, Symposium, etc.

- 1) Member, International Program Committee (IPC), the 2015 International Conference on Evacuation Modeling and Management (ICEM 2015), Tainan, Taiwan, June 1-3
- 2) Program committee member, the International Conference on Low-carbon Transportation, Logistics and Green Buildings (LTLGB2012), Beijing, October 12-13.
- 3) Co-chair of Organizing Committee, International Conference on Traffic and Transportation Studies, held once every two years, 2006~
- 4) Member of Technical Program Committee, Modeling & Simulation in Transportation Science Track at the 4th International Conference on Ambient Systems, Networks and Technologies (ANT-2013), Halifax, Canada (25-28 June 2013).
- 5) Local Committee Member of the 10th International Conference on Travel Behaviour Research, IATBR (The International Association for Travel Behaviour Research), Kyoto, Japan, August 16-20, 2006
- 6) Secretary General, International Symposium on Safe Mobility and International Cooperation, Jointly organized by the Malaysian Institute of Road Safety Research (MIROS), Malaysia and the Center of Asian Safe Mobility Research (ASMO), Hiroshima University, Japan, KUALA LUMPUR, Malaysia, March 9~10, 2010.
- 7) Organizer, The Japan-Netherlands Joint Seminar on "Household Activity-Travel Behavior Analysis for Urban Policy-Making of Supporting Women's Participation in Labor Market", Eindhoven, The Netherlands, March 18, 2009.
- 8) Advisory Committee, International Conference on Climate Change Impacts and Adaptation Strategies (Climate 2009), Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh, Feb. 18-20, 2009.
- 9) Secretary General, International Workshop on Policies for a Low-Carbon Society in Developing Countries, Organized by the Hiroshima International Center for Environmental Cooperation (HICEC), Hiroshima University, November 11, 2009.
- 10) Secretary General, The 5th Japan-China Joint Seminar on City and ITS ~ Low-Carbon Urban Planning and Transportation Policies ~, Higashi-Hiroshima, August 23~24, 2009.
- 11) Member of Steering Committee, International Symposium on Sustainable Transport for Developing Countries, Dhaka, Bangladesh, August 28-29, 2008.
- 12) Secretary General, International Symposium on Creation of Safe Mobility Society and International Cooperation, Center of Asian Safe Mobility Research (ASMO), Hiroshima University, Beijing, China, December 8, 2008.
- 13) Member of Technical Committee, the 7th International Conference of Chinese Transportation Professionals, Shanghai, China, May 21-22, 2007.
- 14) Secretary General, International Workshop on Advanced Transportation Studies, Higashi-Hiroshima, March 31, 2005; August 29, 2007.
- 15) Member of Local Committee, International Conference on Civil and Environmental Engineering, Hiroshima University, 2003~2009, held annually
- 16) Chair, International Symposium on Climate Change and Urban System Design, Higashi Hiroshima, December 17, 2012. Sponsored by the Global Environmental Leaders Education Program for Designing a Low-Carbon World, MEXT Special Coordination Funds for Promotion of Science and Technology, and the Center of Asian Sustainable Mobility Research (ASMO), Hiroshima University, Japan
- 17) Steering Committee of The International Conference of Transportation Safety and Security (ICTSS-2012), Knoxville, USA, July 15-18, 2012
- 18) Secretary General, International Symposium on Safe Mobility and International Cooperation, Jointly organized by the Malaysian Institute of Road Safety Research

- (MIROS), Malaysia and the Center of Asian Safe Mobility Research (ASMO), Hiroshima University, Japan, KUALA LUMPUR, Malaysia, March 9~10, 2010.
- 19) Secretary General, International Workshop on Policies for a Low-Carbon Society in Developing Countries, Organized by the Hiroshima International Center for Environmental Cooperation (HICEC), IDEC, Hiroshima University, November 11, 2009 (invited Dr. Lee Schipper, one of the Recipients of Nobel Peace Prize, 2007 for participation in two Intergovernmental Panels on Climate Change (Second and Third Assessments))
 - 20) Secretary General, The 5th Japan-China Joint Seminar on City and ITS ~ Low-Carbon Urban Planning and Transportation Policies ~, Higashi-Hiroshima, August 23~24, 2009.
 - 21) Organizer: The Japan-Netherlands Joint Seminar on "Household Activity-Travel Behavior Analysis for Urban Policy-Making of Supporting Women's Participation in Labor Market", Eindhoven, The Netherlands, March 18, 2009.
 - 22) Secretary General, International Symposium on Creation of Safe Mobility Society and International Cooperation, Center of Asian Safe Mobility Research (ASMO), Hiroshima University, Beijing, China, Dec. 8, 2008.
 - 23) Advisory committee, International Conference on Climate Change Impacts and Adaptation Strategies (Climate 2009), BUET, Dhaka, Feb. 18-20, 2009.
 - 24) Steering Committee, International Symposium and Workshop on Sustainable Transport for Developing Countries, Dhaka, Bangladesh, August 28-29, 2008
 - 25) Co-chair of Organizing Committee, The 7th International Conference on Traffic and Transportation Studies, Kun Ming, China, August 3-5, 2010
 - 26) Co-chair of Organizing Committee, The 6th International Conference on Traffic and Transportation Studies, Nan Ning, China, August 5-7, 2008
 - 27) Co-chair of Organizing Committee, The 5th International Conference on Traffic and Transportation Studies, Xi'an, China, August 2-4, 2006
 - 28) Member of technical committee, the 7th International Conference of Chinese Transportation Professionals, Shanghai, China, May 21-22, 2007.
 - 29) Member of Local Committee, International Conference on Civil and Environmental Engineering, 2003, 2004, 2005, 2006, 2007, 2008, 2009
 - 30) Secretary General, International Workshop on Advanced Transportation Studies (IWATS), Higashi-Hiroshima, August 29, 2007
 - 31) Secretary General, International Workshop on Advanced Transportation Studies (IWATS), Higashi-Hiroshima, March 31, 2005
 - 32) Local Committee Member of the 10th International Conference on Travel Behaviour Research, IATBR (The International Association for Travel Behaviour Research), Kyoto, Japan, August 16-20, 2006.
 - 33) Many others.