

## CURRICULUM VITAE

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Professor

Tokyo Institute of Technology (Tokyo Tech)

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Nationality: Japanese

Date of Birth: 13/12/1970

## PROFESSIONAL EXPERIENCE:

- **Tokyo Institute of Technology**, Tokyo, Japan.  
School of Environment and Society, Professor, April 2018 to date.  
School of Environment and Society, Associate Professor, April 2016 to March 2018.  
Graduate School of Science and Engineering, Associate Professor, June 2007 to March 2016.
- **Asian Institute of Technology (AIT)**, Bangkok, Thailand.  
School of Engineering and Technology, Assistant Professor, July 2004 to May 2007.  
School of Civil Engineering, Visiting Lecturer (Direct-hire), July 2003 to July 2004.
- **Institute for Transport Policy Studies (ITPS)**, Tokyo, Japan  
Senior Researcher, April 2003 to July 2003.  
Researcher, April 1999 to March 2003.

## Visiting Position:

- **Asian Institute of Technology**, School of Engineering and Technology,  
Distinguished Adjunct Professor, April 2018 to date  
Distinguished Adjunct Faculty, January 2015 to March 2018  
Visiting Associate Professor, August 2007 to December 2010.
- **Kobe University**, Graduate School of Maritime Sciences, Kobe, Japan,  
Visiting Professor, April 2009 to March 2017.
- **Institute for Transport Policy Studies**,  
Visiting Researcher, August 2003 to August 2007.
- **The University of Leeds**, Institute for Transport Studies (ITS), Leeds, U.K.,  
Visiting Researcher, April to September 2002.
- **Saitama University**, Faculty of Economics, Saitama, Japan,  
Visiting Lecturer, October 2000 to March 2003.

## EDUCATION:

- **Ph.D.** (Information Sciences)

Graduate School of Information Sciences, Tohoku University, Sendai, Japan, March 1999.

Title: *A Two-Dimensional Allocation Model of Urban Facilities under Relaxation of Equality Constraints - Allocation of Parks in a New Town* – (in Japanese)

- **Master of Sciences** (Information Sciences)  
Graduate School of Information Sciences, Tohoku University, March 1996.
- **Bachelor of Engineering** (Civil Engineering)  
School of Engineering, Tohoku University, March 1994.

#### **RESEARCH AREAS OF SPECIALIZATION:**

- Transport Development Studies
- Air Transport
- Transport Logistics
- Transport Infrastructure Management

#### **PROFESSIONAL MEMBERSHIPS:**

- Air Transport Research Society (ATRS)
- Eastern Asia Society for Transportation Studies (EASTS)
- World Conference on Transport Research Society (WCTRS)
- Japan Logistics Society (JLS)
- Japan Society for International Development (JASID)
- Japan Society of Civil Engineers (JSCE)
- Japan Society of Logistics and Shipping Economics
- Japan Society of Transportation Economics (JSTE)
- Scheduling Society of Japan

#### **HONOURS/AWARDS:**

1. Sri Lanka Society for Transport & Logistics, 2<sup>nd</sup> Research for Transport & Logistics Industry (R4TLI), Best Research in Maritime and Logistics, “Kavirathna, A. C., Kawasaki, T. and Hanaoka, S.: Competitive dynamics among cross regional hub ports: Generalised cost approach”, Colombo, 2017.
2. 24<sup>th</sup> Japan Society of Logistics and Shipping Economics Award, Paper Award, “Saraswati, B. and Hanaoka, S.: Airport-airline cooperation under commercial revenue sharing agreements: A network approach”, Japan, 2015.
3. 4th National Transport Conference, The Engineering Institute of Thailand, Best Practical Paper, “Leopairojna, S. K. and Hanaoka, S.: Benefits of the passenger van entry deregulation in Bangkok”, Thailand, 2007.
4. 27th International Association of Traffic and Safety Sciences (IATSS) Award, Achievement Award, “The Comparative Study on Urban Transport and the Environment (CUTE) Project and publication of the book entitled Urban Transport and the Environment - An International Perspective-“, Japan, 2006.
5. Japan Society of Civil Engineers (JSCE) Award, Environmental Award, “The Comparative Study on Urban Transport and the Environment (CUTE) Project”, Japan, 2006.

**PUBLICATIONS:****Refereed International Journal Articles:**

1. Kavirathna C.A., Kawasaki, T., **Hanaoka, S.** and Matsuda, T. (2018) Transshipment hub port selection criteria by shipping lines: the case of hub ports around the bay of Bengal, *Journal of Shipping and Trade*, Accepted.
2. Kavirathna C.A., Kawasaki, T. and **Hanaoka, S.** (2018) Transshipment hub port competitiveness of the port of Colombo with Southeast Asian major hub ports, *Asian Journal of Shipping and Logistics*, Accepted.
3. **Hanaoka, S.**, Nguyen, L. X., Nakamichi, K. and Chu, H.V. (2018) Clarification of rice supply chain structure with transport mode choice in Vietnam, *Journal of the Eastern Asia Society for Transportation Studies*, Accepted.
4. Maghfiroh, M.F.N. and **Hanaoka, S.** (2018) Dynamic truck and trailer routing problem for last mile distribution in disaster response, *Journal of Humanitarian Logistics Supply Chain and Management*, In press.
5. Maharjan, R. and **Hanaoka, S.** (2018) A multi-actor multi-objective optimization approach for locating temporary logistics hubs during disaster response, *Journal of Humanitarian Logistics Supply Chain and Management*, In press.
6. Maghfiroh, M.F.N., Hossain, M. and **Hanaoka, S.** (2018) Minimizing emergency response time of ambulances through pre-positioning in Dhaka city, Bangladesh, *International Journal of Logistics Research and Applications*, 21(1), 53-71.
7. Ceelia, L., Takada, J., **Hanaoka S.** and Yamaguchi, S. (2017) Impact of tourism growth on the changing landscape of a world heritage site: Case of Luang Prabang, Lao PDR, *Sustainability*, 9(11), 1996.
8. Choi, S. and **Hanaoka, S.** (2017) Estimating the mean waiting time in airports through cooperative disaster response operations, *Journal of Air Transport Management*, 65, 11-17.
9. Choi, S. and **Hanaoka, S.** (2017) Diagramming development for a base camp and staging area in a humanitarian logistics base airport, *Journal of Humanitarian Logistics and Supply Chain Management*, 7(2), 152-171.
10. Odchimar, A. and **Hanaoka, S.** (2017) Intermodal freight network incorporating hub-and-spoke and direct shipments for the archipelagic Philippines, *Maritime Economics and Logistics*, 19(2), 352-378.
11. Dadhich, P. N. and **Hanaoka, S.** (2016) Remote sensing application in monitoring impact of mining activities on urban growth: The case of Makrana Marble Mines, India, *Journal of Settlements and Spatial Planning*, 7(2), 179-185.
12. Nakamichi, K., **Hanaoka, S.** and Kawahara, Y. (2016) Estimation of cost and CO<sub>2</sub> emissions with a sustainable cross-border supply chain in the automobile industry: A case study of Thailand and neighboring countries, *Transportation Research Part D: Transport and Environment*, 43, 158-168.
13. Odchimar, A. and **Hanaoka, S.** (2015) Intermodal road-RoRo transport in the Philippines, its development and position in the domestic shipping, *Journal of the Eastern Asia Society for Transportation Studies*, 11, 739-759.

14. Nakamichi, K., **Hanaoka, S.**, Mogi, S. and Satiennam, T. (2015) Estimation of CO<sub>2</sub> emissions for low carbon urban freight transport in Khon Kaen, Thailand, *Journal of the Eastern Asia Society for Transportation Studies*, 11, 799-818.
15. Kawasaki, T., **Hanaoka, S.** and Nguyen, L. X. (2015) Inland cargo flow modelling considering shipment time variability on cross-border transport, *Transportation Planning and Technology*, 38(6), 664-683.
16. Regmi, M. B. and **Hanaoka, S.** (2015) Assessment of modal shift and emissions along a freight transport corridor between Laos and Thailand, *International Journal of Sustainable Transportation*, 9(3), 192-202.
17. Das, R. and **Hanaoka, S.** (2014) An agent-based model for resource allocation during relief distribution, *Journal of Humanitarian Logistics and Supply Chain Management*, 4(2), 265-285.
18. Saraswati, B. and **Hanaoka, S.** (2014) Airport-airline cooperation under commercial revenue sharing agreements: A network approach, *Transportation Research Part E: Logistics and Transportation Review*, 70, 17-33.
19. **Hanaoka, S.**, Takebayashi, M., Ishikura, T. and Saraswati, B. (2014) Low-cost carriers versus full service carriers in ASEAN: The impact of liberalization policy on competition, *Journal of Air Transport Management*, 40, 96-105.
20. Nguyen, L. X., **Hanaoka, S.** and Kawasaki, T. (2014) Traffic conflict assessment for non-lane-based movements of motorcycles under congested conditions, *IATSS Research*, 37(2), 137-147.
21. Das, R. and **Hanaoka, S.** (2014) Relief inventory modelling with stochastic lead-time and demand, *European Journal of Operational Research*, 235(3), 616-623.
22. Kawasaki, T., **Hanaoka, S.** and Nguyen, L. X. (2014) The valuation of shipment time variability in Greater Mekong Subregion, *Transport Policy*, 32, 25-33.
23. Saraswati, B. and **Hanaoka, S.** (2013) Aviation policy in Indonesia and its relation to ASEAN Single Aviation Market, *Journal of the Eastern Asia Society for Transportation Studies*, 10, 2161-2176.
24. Das, R. and **Hanaoka, S.** (2013) Robust network design with supply and demand uncertainties in humanitarian logistics, *Journal of the Eastern Asia Society for Transportation Studies*, 10, 954-969.
25. **Hanaoka, S.**, Indo, Y., Hirata, T., Todoroki, T., Aratani, T. and Osada, T. (2013) Lessons and challenges in airport operation during a disaster: Case studies on Iwate Hanamaki Airport, Yamagata Airport, and Fukushima Airport during the Great East Japan Earthquake, *Journal of JSCE*, 1, 286-297.
26. Regmi, M. B. and **Hanaoka, S.** (2013) Location analysis of logistics centres in Laos, *International Journal of Logistics Research and Applications*, 16(3), 227-242.
27. Kawasaki, T., **Hanaoka, S.** and Nguyen, L. X. (2013) The effect of past experiences on the estimation of the expected shipment times on highly variable routes: A case study in the Lao People's Democratic Republic, *International Journal of Logistics Research and Applications*, 16(1), 1-13.
28. Regmi, M. B. and **Hanaoka, S.** (2012) Assessment of intermodal transport corridors: Cases from North-East and Central Asia, *Research in Transportation Business & Management*, 5, 27-37.

29. Nguyen, L. X., **Hanaoka, S.** and Kawasaki, T. (2012) Describing non-lane-based motorcycle movements in motorcycle-only traffic flow, *Transportation Research Record: Journal of the Transportation Research Board*, 2281, 76-82.
30. Dadhich, P. N. and **Hanaoka, S.** (2012) Spatial investigation of the temporal urban form to assess impact on transit services and public transportation access, *Geo-spatial Information Science*, 15(3), 187-197.
31. Saraswati, B. and **Hanaoka, S.** (2012) Space allocation for commercial activities in low-cost airport terminals: Soekarno-Hatta International Airport, *Journal of Airport Management*, 6(4), 397-411.
32. **Hanaoka, S.** and Palapus, P. H. (2012) Reasonable concession period for build-operate-transfer road projects in the Philippines, *International Journal of Project Management*, 30(8), 938-949.
33. Dadhich, P. N. and **Hanaoka, S.** (2011) Spatio-temporal urban growth modeling of Jaipur, India, *Journal of Urban Technology*, 18(3), 45-65.
34. **Hanaoka, S.** and Regmi, M. B. (2011) Promoting intermodal freight transport through the development of dry ports in Asia: An environmental perspective, *IATSS Research*, 35(1), 16-23.
35. **Hanaoka, S.**, Husnain, T., Kawasaki, T. and Kunadhamraks, P. (2011) Measurement of energy-savings effect by intermodal freight transport in Thailand, *World Review of Intermodal Transportation Research*, 3(4), 320-337.
36. **Hanaoka, S.** and Saraswati, B. (2011) Low cost airport terminal locations and configurations, *Journal of Air Transport Management*, 17(5), 314-319.
37. Pradhananga, R., **Hanaoka, S.** and Sattayaprasert, W. (2011) Optimisation model for hazardous material transport routing in Thailand, *International Journal of Logistic Systems and Management*, 9(1), 22-42.
38. Regmi, M. B. and **Hanaoka, S.** (2011) A survey on impacts of climate change on road transport infrastructure and adaptation strategies in Asia, *Environmental Economics and Policy Studies*, 13(1), 21-41.
39. **Hanaoka, S.** and Phoosanabhongs, E. (2010) Estimation of the occurrence of “short-shipping” of air cargo”, *Journal of Air Transport Management*, 16(6), 315-319.
40. Boontaveeyuwat, P. and **Hanaoka, S.** (2010) Analysing the optimal location of a hub port in Southeast Asia, *International Journal of Logistic Systems and Management*, 6(4), 458-475.
41. **Hanaoka, S.** and Qadir, F. M. (2009) Passengers’ perceptions and effects of bus-holding strategy using automatic vehicle location technology in Bangkok, *Journal of Advanced Transportation*, 43(3), 301-319.
42. **Hanaoka, S.** and Kunadhamraks, P. (2009) Multiple criteria and fuzzy based evaluation of logistics performance for intermodal transportation, *Journal of Advanced Transportation*, 43(2), 123-153.
43. Zhang, A., **Hanaoka, S.**, Inamura, H. and Ishikura, T. (2008) Low-cost carriers in Asia: deregulation, regional liberalization and secondary airport, *Research in Transportation Economics*, 24(1), 36-50.
44. Kunadhamraks, P. and **Hanaoka, S.** (2008) Evaluating the logistics performance of intermodal transportation in Thailand, *Asia Pacific Journal of Marketing and Logistics*, 20(3), 323-342.

45. Sattayaprasert, W., Taneerananon, P., **Hanaoka, S** and Pradhananga, R. (2008) Creating a risk-based network for hazmat logistics by route prioritization with AHP - Case study: gasoline logistics in Rayong, Thailand-, IATSS Research, 32(1), 74-87.
46. Charnkol, T., **Hanaoka, S.** and Tanaboriboon, Y. (2007) Emergency trip destination of evacuation as shelter analysis for Tsunami disaster: A case study in Phuket, Thailand, Journal of the Eastern Asia Society for Transportation Studies, 7, 853-868.
47. Shrestha, P.K., Tanaboriboon, Y. and **Hanaoka, S.** (2007) Study of travel factors through structural equation modeling approach in Bangkok, Journal of the Eastern Asia Society for Transportation Studies, 7, 556-569.
48. Tanadtang, P., Park D. and **Hanaoka, S.** (2005) Incorporating uncertain and incomplete subjective judgment into the evaluation procedures of transportation demand management alternatives, Transportation, 32(6), 603-626.
49. Leopaiojna, S. K. and **Hanaoka, S.** (2005) Market structure of passenger vans in Bangkok, Journal of the Eastern Asia Society for Transportation Studies, 6, 4192-4207.
50. Kii, M. and **Hanaoka, S.** (2003) Comparison of sustainability between private and public transport considering urban structure, IATSS Research, 27(2), 6-15.
51. Ishiguro, K., Ishikura, T., **Hanaoka, S.**, and Inamura, H. (2003) Development of multi-regional computable general equilibrium model taking account of ocean carriers' behavior and scale economy, Journal of the Eastern Asia Society for Transportation Studies, 5, 2733-2742.

#### **Refereed National Journal Articles:**

1. Nishimiya, N., **Hanaoka, S.** and Sanada, A. (2017) Relation between community infrastructure development and empowerment in peacebuilding context, Journal of Japan Society of Civil Engineers, Series D3 (Infrastructure Planning and Management), 73(5), 183-194. (in Japanese)
2. Matsuda, T., **Hanaoka, S.**, Kawasaki, T. and Yonezawa, Y. (2017) A quantitative analysis of the bulk cargo containerization in East Asia, Journal of Japan Society of Civil Engineers, Series D3 (Infrastructure Planning and Management), 73(5), 661-672. (in Japanese)
3. **Hanaoka, S.** and Kawasaki, T. (2017) Current status and issues of freight transport on cross-border corridors in East Africa, Japanese Journal of Transportation Economics, 60, 79-86. (in Japanese)
4. **Hanaoka, S.**, Kang, S., Miyamoto, H. and Tsunoda, T. (2017) Transit airport choice in East Asia: Facts and its reasons, Transport Policy Studies' Review, 17(4), 25-31. (in Japanese)
5. Nishimiya, N., **Hanaoka, S.** and Matsuura, Y. (2016) Mechanism of emerging empowerment in the community development projects composed of infrastructure sub-projects, Journal of Japan Society of Civil Engineers, Series F5 (Professional Practices in Civil Engineering), 72(2), 48-59. (in Japanese)
6. Nakamichi, K., **Hanaoka, S.** and Guan, J. (2016) Estimation and reduction measures of CO<sub>2</sub> emissions by household expenditures in each province of China, Journal of Japan Society of Civil Engineers, Series G (Environmental Systems Research), 72(6), 95-106. (in Japanese)
7. Nakamichi, K., Yamagata, Y., **Hanaoka, S.** and Wang, X. (2015) Estimation of indirect emissions in each municipality and comparison to direct emissions, Journal of Japan Society of Civil Engineers, Series D3 (Infrastructure Planning and Management), 71(5), 191-200. (in Japanese)

8. **Hanaoka, S.** and Kudo, R. (2015) Analysis of variation factors in domestic air cargo volumes in Japan, *Journal of Logistics and Shipping Economics*, 49, 61-70. (in Japanese)
9. **Hanaoka, S.** and Sota, M. (2015) An international comparative study on the performance of freight railways in developing countries, *Japanese Journal of Transportation Economics*, 58, 57-64. (in Japanese)
10. **Hanaoka, S.**, Nakamichi, K. and Kato, T. (2014) Measurement of modal split considering environmental impact of interregional freight transport in Greater Mekong Sub-region, *Journal of Japan Society of Civil Engineers, Series D3 (Infrastructure Planning and Management)*, 70(5), 879-888. (in Japanese)
11. Aratani, T., Hirata, T., Osada, T., **Hanaoka, S.**, Todoroki, T. and Indo, Y. (2013) Aircraft activities and airport operations in the aftermath of the Great East Japan Earthquake: Case of Iwate Hanamaki, Yamagata and Fukushima Airport, *Journal of Japan Society of Civil Engineers, Series D3 (Infrastructure Planning and Management)*, 69(5), 229-246. (in Japanese)
12. **Hanaoka, S.** (2013) Estimation of vessels speed with internalized CO<sub>2</sub> emissions cost in international maritime transport, *Journal of Logistics and Shipping Economics*, 47, 85-93. (in Japanese)
13. Kawasaki, T., Matsuda, T. and **Hanaoka, S.** (2013) An applicability of SARIMA model for forecasting container movement from East Asia to U.S., *Journal of Japan Logistics Society*, 21, 167-174. (in Japanese)
14. Nakamura, K., Hayashi, Y., Kato, H., Fukuda, A., Nakamura F. and **Hanaoka, S.** (2012) Strategic design of low-carbon transport systems for Asian developing cities, *Journal of Japan Society of Civil Engineers, Series D3 (Infrastructure Planning and Management)*, 68(5), 857-866. (in Japanese)
15. **Hanaoka, S.** and Kawasaki, T. (2012) Port access on freight transport in landlocked countries: Case of central Asia, *Journal of Japan Logistics Society*, 20, 229-235. (in Japanese)
16. **Hanaoka, S.** (2012) Mode choice and passenger characteristics of high speed rail and air transport in China, *Japanese Journal of Transportation Economics*, 55, 133-142. (in Japanese)
17. **Hanaoka, S.** (2010) Comparative analysis of build-operate-transfer projects to implement for transport infrastructures in Asian megacities, *Journal of Japan Society of Civil Engineering, Series F4 (Construction and Management)*, 66(1), 285-295. (in Japanese)
18. Dadhich, P. N. and **Hanaoka, S.** (2010) Remote sensing, GIS and Markov's method for land use change detection and prediction of Jaipur District, *Journal of Geomatics, Indian Society of Geomatics*, 4(1), 9-15.
19. **Hanaoka, S.**, Tokunaga, T. and Kawasaki, T. (2010) Effectiveness of labour-based technology for road construction method in developing countries, *Journal of Professional Practices in Civil Engineering, Japan Society of Civil Engineers*, 1, 53-60. (in Japanese)
20. **Hanaoka, S.** (2007) The impact of low-cost carriers entry and passengers attributes in Thailand, *Transport Policy Studies' Review*, 10(1), 38-46. (in Japanese)
21. **Hanaoka, S.**, Ishiguro, K., Kosaka, H. and Akakura, Y. (2004) Mega-containership operation based on the carrier's calling pattern of large-scale seaport, *Infrastructure Planning Review, Japan Society of Civil Engineers*, 21(3), 751-758. (in Japanese)

22. Ishiguro, K., **Hanaoka, S.**, Inamura, H. and Matsuki, K. (2004) Multi-regional computable general equilibrium model for evaluation of maritime policies, *Infrastructure Planning Review*, Japan Society of Civil Engineers, 21(3), 745-750. (in Japanese)
23. Miwa, H and **Hanaoka, S.** (2004) Trend of liberalization on aviation service agreements and Japanese strategy, *Transport Policy Studies' Review*, 7(1), 14-22. (in Japanese)
24. **Hanaoka, S.** (2003) An interaction between flight time and access time on airport choice in multiple airport regions, *Japanese Journal of Transportation Economics*, 46, 41-50. (in Japanese)
25. **Hanaoka, S.** (2003) Evaluation of air traffic distribution policies in multiple-airport systems: Case of Tokyo metropolitan area, *Transport Policy Studies' Review*, 5(4), 2-13. (in Japanese)
26. **Hanaoka, S.** and Arimura, M. (2001) Evaluation of the patterns of air traffic distribution according to airport accessibility in multiple-airport regions, *Infrastructure Planning Review*, Japan Society of Civil Engineers, 18, 675-680. (in Japanese)
27. **Hanaoka, S.** (2001) A comparative study of air traffic distribution rules in multiple-airports regions - the case of European metropolises -, *Japanese Journal of Transportation Economics*, 44, 31-40. (in Japanese)
28. **Hanaoka, S.**, Watabe, A. and Inamura H. (2000) A study of the relationship between park user's behavioral characteristics and access mode in large-scale urban parks, *Papers on City Planning*, 35, 607-612. (in Japanese)
29. **Hanaoka, S.**, Ishiguro, K., Kikuchi, T. and Inamura, H. (2000) A study of shippers' port choice behavior handled with international container according to the trading type of physical distribution, *Infrastructure Planning Review*, Japan Society of Civil Engineers, 17, 835-840. (in Japanese)
30. **Hanaoka, S.**, Inamura, H. and Tazawa, K. (2000) A statistical analysis of urban park characteristics based on the number of visitors, *The Japanese Journal of Behaviormetrics*, 27(1), 1-11. (in Japanese)
31. **Hanaoka, S.** and Inamura, H. (1999) Development of a two-dimensional urban facility allocation model under relaxation of equality constraints - Park allocation in a New Town -, *Infrastructure Planning Review*, Japan Society of Civil Engineers, 16, 247-254. (in Japanese)
32. **Hanaoka, S.**, Inamura, H. and Shimizu E. (1998) The development of land use allocation model based on a land use suitability analysis, *Journal of Japan Society of Civil Engineers*, 597/IV40, 1-10. (in Japanese)

#### **Refereed International Conference Full Papers:**

1. Sadeek, S.N., Uddin Ahmed, A.J.M., Hossain, M. and **Hanaoka, S** (2018) Effect of land use and road network on crime, *Transportation Research Board (TRB) 97<sup>th</sup> Annual Meeting*, Washington, D.C.
2. Maghfiroh, M.F.N. and **Hanaoka, S.** (2017) Last mile distribution in humanitarian logistics under stochastic and dynamic consideration, *International Conference on Industrial Engineering and Engineering Management (IEEE 2017)*, Singapore.
3. Matsuda, T., **Hanaoka, S.** and Kawasaki, T. (2017) The structure of decision making process in the bulk cargo containerization, *International Association of Maritime Economists (IAME) 2017 Conference*, Kyoto.



4. Kavirathna, A.C., Kawasaki, T., **Hanaoka, S.** and Matsuda, T. (2017) Competitive dynamics among cross regional hub ports for the container transshipments: Case study for the Port of Colombo, International Association of Maritime Economists (IAME) 2017 Conference, Kyoto.
5. Lykov, S., Asakura, Y. and **Hanaoka, S.** (2017) Positioning in wireless sensor networks for human sensing problem, International Symposium of Transport Simulation (ISTS 2016), Jeju, Transportation Research Procedia, 21, 56–64.
6. Maharjan, R. and **Hanaoka, S.** (2017) Warehouse location determination for humanitarian relief distribution in Nepal, World Conference on Transport Research (WCTR 2016 Shanghai), Transportation Research Procedia, 25, 1151-1163.
7. Choi, S. and **Hanaoka, S.** (2016) Managing waiting time for different aircraft operators in immediate disaster response, 14th World Conference on Transport Research, Shanghai.
8. Matsuda, T. and **Hanaoka, S.** (2015) Bulk cargo containerization and the changes in transportation mode for seaborne trades, International Association of Maritime Economists (IAME) 2015 Conference, Kuala Lumpur.
9. Odchimar, A. and **Hanaoka, S.** (2014) Mixed hub-and-spoke and point-to-point intermodal freight network design problem using Lagrangian relaxation with application to the Philippines, Proceedings of the 5th International Conference on Transportation and Logistics (T-LOG 2014), Bangkok.
10. Choi, S. and **Hanaoka, S.** (2014) Space guideline for a humanitarian logistics base in an airport, Proceedings of the 5th International Conference on Transportation and Logistics (T-LOG 2014), Bangkok.
11. Tokunaga, T., Ogawa, M., **Hanaoka, S.** and Ise, D. (2014) JICA HIMO/LBT operational guidelines -Focus on that's planning and consensus building stages-, Proceedings of 15th ILO Regional Seminar for Labour-Based Practitioners, Cameroon.
12. Nguyen, L. X. and **Hanaoka, S.** (2013) Safety spaces for overtaking movements in motorcycle traffic flow, Proceedings of the Eastern Asia Society for Transportation Studies, Vol.9, Taipei.
13. **Hanaoka, S.**, Kawasaki, T. and Kawai, H. (2013) Classification of the type of inland freight transport in landlocked countries, Proceedings of the Eastern Asia Society for Transportation Studies, 9, Taipei.
14. Kawasaki, T., Matsuda, T. and **Hanaoka, S.** (2013) An analysis of containerization of bulk cargoes in transpacific sea route from US to East Asia, 6th International Conference of Asian Shipping and Logistics, Kobe.
15. Kato, T., Chin, A. T., **Hanaoka, S.** and Kawasaki, T. (2012) Investigating sea shift in international freight transport: A case between Southeast Asia and the U.S., Proceedings of the 4th International Conference on Transportation and Logistics (T-LOG 2012), Busan.
16. Das, R. and **Hanaoka, S.** (2012) Prepositioning aid for Asia and Oceania, Proceedings of the 4th International Conference on Transportation and Logistics (T-LOG 2012), Busan.
17. Regmi, M. B. and **Hanaoka, S.** (2012) Application of analytic hierarchy process for location analysis of logistics centers in Laos, Transportation Research Board (TRB) 91st Annual Meeting, Washington, D.C.

18. Nguyen, L. X., **Hanaoka, S.** and Kawasaki, T. (2012) An approach to describing non-lane-based motorcycle movements in motorcycle-only traffic flow, Transportation Research Board (TRB) 91st Annual Meeting, Washington, D.C.
19. **Hanaoka, S.**, Kato, T., Tokunaga, T. and Kawasaki, T. (2011) Impact assessment of LBT participation on local people in Tanzania, Public Works for Decent Jobs and Poverty Reduction: Policies and Practices, Proceedings of 14th ILO Regional Seminar for Labour-Based Practitioners, Ghana, 428-439.
20. Nguyen, L. X. and **Hanaoka, S.** (2011) An application of social force approach for motorcycle dynamics, Proceedings of the Eastern Asia Society for Transportation Studies, 8, Jeju.
21. Dadhich, P. N. and **Hanaoka, S.** (2010) Markov method integration with multi-layer perceptron classifier for simulation of urban growth of Jaipur City, 6th International Conference on REMOTE SENSING (REMOTE'10), Iwate.
22. **Hanaoka, S.**, Kawasaki, T. and Tokunaga, T. (2009) Economic impact of the implementation of LBT in Tanzania and cost comparison between LBT and EBT, 13th ILO Regional Seminar for Labour-Based Practitioners, Kampala, Uganda.
23. Tokunaga, T., Takeishi, M., **Hanaoka, S.** and Raphael, E. W. (2009) Analysis of LBT applicability in Tanzania throughout the nationwide LBT stakeholder survey, 13th ILO Regional Seminar for Labour-Based Practitioners, Kampala, Uganda.
24. Kawasaki, T. and **Hanaoka, S.** (2009) Developing prompt list for landlocked developing countries' access to seaport in transit countries, Proceedings of the Eastern Asia Society for Transportation Studies, 7, Surabaya.
25. Regmi, M. B. and **Hanaoka, S.** (2009) Impacts of climate change on transport and adaptation in Asia, Proceedings of the Eastern Asia Society for Transportation Studies, 7, Surabaya.
26. Yoshida, T., Shibasaki, R., Nemoto, T., **Hanaoka, S.**, Ono, K. and Onodera, H. (2009) Future scenario of international transport based on questionnaire survey by the Delphi method, Proceedings of the Eastern Asia Society for Transportation Studies, 7, Surabaya.
27. Sattayaprasert, W., **Hanaoka, S.**, Taneerananon, P. and Pradhananga, R. (2009) ANP Prioritization Integrating Risks and Costs of Transport for Hazardous Material Routing in Thailand, Proceedings of the Eastern Asia Society for Transportation Studies, 7, Surabaya.
28. **Hanaoka, S.** (2007) Review of urban transport policy and its impact in Bangkok, Proceedings of the Eastern Asia Society for Transportation Studies, 6, 27-37, Dalian.
29. Leopairojna, S. K. and **Hanaoka, S.** (2007) Market analysis of passenger vans in Bangkok, In Macario, R., Viegas, J. and Hensher, D. A. (eds.) Competition and Ownership in Land Passenger Transport: Selected Papers from the 9th International Conference on Competition and Ownership of Land Passenger Transport (Thredbo 9), 303-329, Elsevier.
30. **Hanaoka, S.** and Husnain, T. (2006) Evaluating the effectiveness of energy savings in intermodal freight transport in Thailand, Proceedings of the 11th International Conference of Hong Kong Society for Transportation Studies, 595-604.
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#### **Conference Proceedings (International and Some Nationals):**

1. Triawan, F., Biddinika, M.K., **Hanaoka, S.**, Takahashi, F. and Aziz, M. (2017) Promoting global education in science and engineering: An experience in Indonesian high schools, International Conference on Applied Science, Engineering and Social Sciences (ICASESS) 2017, Yogyakarta.
2. Maharjan, R. and **Hanaoka, S.** (2017) Multi-actor dynamic multi-objective optimization for temporary logistic hub selection during disaster response, 9th International Conference on Logistics and Transport (ICLT 2017), Bangkok.
3. Kawasaki, T., Saito, Y., Nakamichi, K., **Hanaoka, S.** and Bandara, Y. M. (2017) Clarification of operation system and driver's satisfaction of paratransit in Sri Lanka, Eastern Asia Society for Transportation Studies, Ho Chi Minh City.

4. Kavirathna, A. C., Kawasaki, T. and **Hanaoka, S.** (2017) Competitive dynamics among cross regional hub ports: Generalised cost approach, 2nd Conference on Research for Transport & Logistics Industry (R4TLI), Colombo.
5. **Hanaoka, S.**, Jiang, J. and Fukuda, D. (2017) Impact of high-speed rail entry on airport and access mode choice behavior in China, 21st World Conference of Air Transport Research Society (ATRS 2017), Antwerp.
6. Maharjan, R. and **Hanaoka, S.** (2017) Temporary logistic hub selection using multi-objective optimization for disaster response, International Symposium on Scheduling 2017, Nagoya.
7. Maghfiroh, M.F.N., and **Hanaoka, S.** (2017) Multi-period shelter selection and relocation considering dynamic hazard assessment, International Symposium on Scheduling 2017, Nagoya.
8. Choi, S. and **Hanaoka, S.** (2016) Modeling plural airports disaster relief operation in immediate disaster response, 20th World Conference of Air Transport Research Society (ATRS 2016), Rhodes.
9. **Hanaoka, S.**, Jiang, J. and Saraswati, B. (2015) Passenger choice on direct and connecting flights in Indonesian domestic market, 19th World Conference of Air Transport Research Society (ATRS 2015), Singapore.
10. Nishimiya, N. and **Hanaoka, S.** (2015) Measuring empowerment in the community development projects of official development assistance, Proceedings of Infrastructure Planning, 51.
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12. Nishimiya, N. and **Hanaoka, S.** (2014) Empowerment and infrastructure development process in the development assistance field, Proceedings of Infrastructure Planning, 49.
13. Choi, S. and **Hanaoka, S.** (2013) Airport design guideline as a humanitarian logistics base, Proceedings of Infrastructure Planning, 48.
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63. **Hanaoka, S.** and Qureshi, A.G. (2005) Effects of a cooperative delivery system considering truck assignment in Bangkok, Proceedings of Infrastructure Planning, 31. (in Japanese)
64. **Hanaoka, S.** and Phomma, S. (2004) Privatization and productivity performance of Thai airports, 8th Air Transport Research Society World Conference (ATRS 2004), Istanbul.
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68. Mori, M. and **Hanaoka, S.** (2003) Airline industry and airport development and management, Proceedings of Infrastructure Planning, 27. (in Japanese)
69. Miwa, H. and **Hanaoka, S.** (2003) Strategies for aviation service agreements in Japan, Proceedings of Infrastructure Planning, 27. (in Japanese)
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72. **Hanaoka, S.** (2002) An interaction between flight time and access time on airport choice in multiple airport regions, *Proceedings of the Annual Conference of the Japan Society of Transportation Economics*, 61, 41-48. (in Japanese)
73. Itoh, S., **Hanaoka, S.** and Inamura, H. (2001) Evaluation of airline's airport choice behaviour in multiple-airport region, *Proceedings of Infrastructure Planning*, 24, 257-260. (in Japanese)
74. **Hanaoka, S.** and Arimura, M. (2000) Evaluation of air transport passengers benefit in multiple-airports regions, *Proceedings of Infrastructure Planning*, 23(2), 207-208. (in Japanese)
75. **Hanaoka, S.** (2000) A comparative study of air traffic distribution rules in multiple-airports regions, *Proceedings of the Annual Conference of the Japan Society of Transportation Economics*, 59, 8-14. (in Japanese)
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#### **Book Chapters (English):**

1. **Hanaoka, S.** (2012) Mitigating transport emissions (Chapter 8), In Morichi, S and Acharya, S.R. (eds.) *Transport Development in Asian Megacities -A New Perspective-*, 177-192, Springer.
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3. **Hanaoka, S.** and Chiamsiri, S. (2007) Strategic entry and impact of low-cost carriers in Southeast Asia, In Jayachandran, C., Ali, J. H., Chatterjee, S. and Chiamsiri, S. (eds.), *Services Management in Asia Pacific: Issues and Challenges*, 163-185, Universiti Utara Malaysia Press, Malaysia.
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#### Other Publications:

1. **Hanaoka, S.** (2013) Port competition in Cambodia, Kobe University, Journal of Maritime Researches, Kobe University, Vol.3, No.1, 31-38.
2. **Hanaoka, S.** (2013) Transport and the environment in Asian megacities, The World Financial Review, January-February 2013, 52-55.
3. **Hanaoka, S.**, et al. (2012) Ten Actions toward Low Carbon Asia: Mainstreaming Rail and Water in Interregional Transport, S-6-5 Low Carbon Transport System, Low-Carbon Asia Research Project.
4. Mori, T., **Hanaoka, S.**, Hoshino, H. and Fujitani, H. (2012) Logistics activities of Japanese Companies in Vietnam, Journal of Maritime Researches, Kobe University, Vol.2, No.1, 47-58.
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6. Charnkol, T and **Hanaoka, S.** (2011) Emergency trip generation of evacuation for tsunami disaster: A case study of Phuket beach district, Asian Profile, Vol. 39, No.3, 219-233.
7. Mori, T., **Hanaoka, S.**, Hoshino, H. and Fujitani, H. (2011) Logistics activities in Thailand as the hub of the Greater Mekong Subregion, Journal of Maritime Researches, Kobe University, Vol.1, No.1, 111-120.
8. ERIA Study Team (2010) ASEAN Strategic Transport Plan 2011-2015, ASEAN Secretariat and Economic Research Institute for ASEAN and East Asia (ERIA).
9. **Hanaoka, S.** and Dirgahayani, P. (2010) Review on the Applications of Bottom-up Approach for Aviation Emission Inventory and Carbon Calculator, TRIDE-2010-05, Technical Report of International Development Engineering, Department of International Development Engineering, Tokyo Institute of Technology.
10. **Hanaoka, S.** and Kawasaki, T. (2010) Survey Report on Freight Transport in Landlocked Countries in Central Asia, TRIDE-2010-04, Technical Report of International Development Engineering, Department of International Development Engineering, Tokyo Institute of Technology.
11. Sinha, S., Taneerananon, P. and **Hanaoka, S.** (2008) A reverse logistics model for aggregates recycling in India, Asian Profile. Vol. 36, No.5, 469-485.
12. Boontaveeyuwat, P., **Hanaoka, S.** and Honda, K. (2008) Designing optimal liner fleet routes in Asian Region, Asia Profile, Vol. 36, No.4, 401-418.
13. Sattayaprasert, W., **Hanaoka, S.**, Taneerananon, P. and Pradhananga, R. (2008) HazMat risk assessment for gasoline logistics route by ANP - A case study in Rayong, Thailand -, Asian Profile. Vol. 36, No.3, 299-318.
14. Leopairojna, S. K. and **Hanaoka, S.** (2007) Reconsidering the public transport regulations: A case of the passenger vans in Bangkok, Asian Profile, Vol. 35, No.5, 429-442.

15. Islam, M. B. and **Hanaoka, S.** (2007) The contribution of a dedicated professor and researcher - Yordphol Tanaboriboon in Thailand, Proceedings of the Eastern Asia Society for Transportation Studies, Vol.6, Dalian.
16. **Hanaoka, S.** (2007) Sustainable Transport Infrastructure, In United Nations Economic and Social Commission for Asia and Pacific (UNESCAP), *Sustainable Infrastructure in Asia –Overview and Proceedings-*, 37-51, United Nations Publication.
17. Nitivattananon, V. and **Hanaoka, S.** (2006) Sustainable infrastructure development, First Policy Consultation Forum of the Seoul Initiative on Green Growth: Promoting Sustainable Infrastructure Development, Seoul Initiative Network on Green Growth, 1-30.
18. Leopairojna, S. K. and **Hanaoka, S.** (2006) Entry of the passenger vans in Bangkok: Regulation or deregulation?, International Seminar on Public Transportation, Department of Transportation Engineering in the University of Seoul, 27-43.
19. **Hanaoka, S.** (2004) Air traffic distribution rules of multiple-airports in the metropolitan area, Proceedings of International Airport Symposium 2004, 157-160.
20. **Hanaoka, S.** (2004) Air traffic distribution in multiple-airport areas, Asian Infrastructure Research Review, Vol.6, No.1, 20-25.

## **RESEARCH PROJECT:**

### **Research Grants and Sponsored Projects:**

1. Japan Society for the Promotion of Sciences (JSPS) Grants-in-Aid for Scientific Research (B), “Development of Last Mile Distribution in Humanitarian Logistics by Advanced Technology”, Principal Investigator, 2017-2020.
2. Mitsubishi Heavy Industries, “Indonesia Air Traffic Network Reconfiguration: Broad-Band/Regional-Hub (BB/RH)”, 2014-2015.
3. Hino Motors, “Joint Research on Current Situation and Future Trend of Land Transportation in ASEAN Region”, 2013-2014.
4. Japan International Cooperation Agency (JICA) and Yachiyo Engineering, “The Project for the Study on Togo Logistics Corridor Development in the Republic of Togo”, Project Investigator, 2012-2013.
5. Japan Society for the Promotion of Sciences (JSPS) Grants-in-Aid for Scientific Research (C), “Development of Inventory Management Model for Humanitarian Logistics in Natural Disaster”, Principal Investigator, 2012-2015.
6. Global Environment Research Fund, Ministry of the Environment of Japan, “Research for Achieving Low Carbon Transport System in Asia”, Co-Principal Investigator, 2009-2014.
7. Japan Society for the Promotion of Sciences (JSPS) Grants-in-Aid for Scientific Research (C), “Modelling Freight Transport Route Choice in Transit Countries Incorporating Risk and Uncertainty in Landlocked Developing Countries”, Principal Investigator, 2009-2012.
8. Japan International Cooperation Agency (JICA) and Japan Engineering Consultants, “Capacity Building for Labour-Based Technology (LBT) in Tanzania”, Project Investigator, 2008-2009.
9. ASEAN Foundation, “Capacity Building for Gender, Poverty and Mobility Analysis of Road Transportation Development in GMS Region”, Co-Principal Investigator, 2008-2010.

10. The Institute of Behavioral Science (IBS), “Evaluation of BOT Scheme for Transport Infrastructure Projects in Asian Cities”, 13<sup>th</sup> IBS Fellowship, 2007-2009.
11. Institute for Transport Policy Studies (ITPS), “Sustainable Transport for East Asian Megacities (STREAM)”, Project Member, 2005-2008.
12. Aviation Policy Research Association, “Research Project of Low-Cost Carriers”, Project Member, 2005-2007.
13. AIT - RTG (Royal Thai Government) Joint Research Project, “Logistics Management at the Intermodal Terminals”, Principal Investigator, 2005-2007.
14. Joint Project with the Center for Sustainable Urban Regeneration (cSUR) of the University of Tokyo, “Collecting the Basic Information on the Feasibility of the Rehabilitation of Urban Canals and Watercourses in Bangkok Metropolitan Region”, Research Member, 2006.
15. Aviation Policy Research Association, Young Researcher Grant, “Impact of Low-Cost Carriers Activities in Southeast Asia”, 2004-2005.
16. Institute for Transport Policy Studies (ITPS), “The Comparative study on Urban Transport and the Environment - CUTE Project”, Project member, 2001-2004.

#### **Consulting Activities:**

1. Economic Research Institute for ASEAN and East Asia (ERIA), “Developing the ASEAN Strategic Transport Plan (ASTP) 2011-2015”, Academic Consultant, 2010.
2. United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP), “Regional Study on Sustainable Infrastructure Development, with Focus on the Infrastructure for Water, Waste, and Transportation”, Bangkok, 2006-2007.
3. Southern Asia Urban Environmental Management Applications (SEA-UEMA) Project, “The Impact of Public-Transport Driving Modes on the Quality of Urban Air in Bandung, Indonesia”, AIT Faculty Expert of Joint Action Research Component, CIDA-AIT Partnership, Bangkok, 2005-2007.

#### **OTHERS:**

##### **Symposium, Seminar, Workshop and Special Lecture (in English):**

1. **Hanaoka, S.** Speaker of Plenary Discussion, ITB-Tokyo Tech Joint Workshop: Indonesia Railway System and Urban Transport Development, Bandung, 6 December 2017.
2. **Hanaoka, S.** "Urban form and transit oriented development in Japan", Panel 2 Urban Transport, City Planning, Infra Development: Experiences of Japan, opportunities in India, PAN IIT India Japan Convention, 1 December 2017.
3. **Hanaoka, S.** "Air cargo system", JICA Training Program, Development of Quality and Sustainable Transport System, 1 December 2017.
4. **Hanaoka, S.** "Cross-border corridor development in developing countries", Tohoku University, 28 November 2017.
5. **Hanaoka, S.** "Shared transport", Panelist, 8th International Symposium on Travel Demand Management, Taipei, 27 September 2017.

6. **Hanaoka, S.**, Kawasaki, T., Saito, Y., Nakamichi, K. and Bandara, Y. M. " Three-wheeler in Sri Lanka: Management and driver's Satisfaction", 8th International Symposium on Travel Demand Management, Taipei, 27 September 2017.
7. **Hanaoka, S.** "Cross-border corridor development in Africa", 2nd Seminar on the Improvement of Nacala Port, Ministry of Transport and Communication in Mozambique, JICA and Overseas Coastal Area Development Institute of Japan, Maputo, 13 September 2017.
8. **Hanaoka, S.** "Smart city, smart mobility", Global Awareness for Technology Implementation in the Solving of Social Issues 2017, Joint Course on Chulalongkorn University and Tokyo Institute of Technology, Bangkok, 31 August 2017.
9. **Hanaoka, S.** "Urban transport and development", Indonesia-Japan Joint Seminar - Future Railway and Urban Development, Tokyo Institute of Technology, Tokyo, 26 July 2017.
10. **Hanaoka, S.** "Closing Panel Discussion", Panelist, CAPA LCCs in North Asia, Osaka, 14 June 2017.
11. **Hanaoka, S.** "LCCs in Japan – too many airlines and time for consolidation?", Moderator, CAPA LCCs in North Asia, Osaka, 13 June 2017.  
Video:<http://www.centreforaviation.tv/lccs-in-north-asia-13-14-jun-2017/lccs-in-japan-too-many-airlines-and-time-for-consolidation/>
12. **Hanaoka, S.** "Sustainable regional logistics & supply chain management: Greater Mekong Sub-region", Special lecture for Mae Fah Luang University, Tokyo, 1 June 2017.
13. **Hanaoka, S.** "Urban public transport in Asia", EASTS IRG 24, 5th Seminar on Urban Public Transport in Medium Asian Cities, Phnom Penh, 9 March 2017.
14. **Hanaoka, S.** "Corridors development and its comparison in East Africa", International Seminar on Corridor Development Approach, JICA and Ministry of Transport, Infrastructure, Housing & Urban Development (Kenya) + Ministry of Works & Transport (Uganda), Nairobi, 28 November 2016.
15. **Hanaoka, S.** "Air transport development in ASEAN: Open sky and low-cost carriers", Department of Industrial Engineering, Chiang Mai University, 31 August 2016.
16. **Hanaoka, S.** "Transport research governance, private sector involvement, and research implementation issues with focus on the Asia – Pacific region", Panelist of Special Session, TRB Committee on International Cooperation, 14th World Conference on Transport Research, 11 July 2016.
17. **Hanaoka, S.** "The LCC potential for cargo operations", Moderator, CAPA LCCs in North Asia, Tokyo, 8 June 2016.
18. **Hanaoka, S.** "The Japanese LCC Market", Moderator, CAPA LCCs in North Asia, Tokyo, 7 June 2016. Video: <http://www.centreforaviation.tv/lccs-in-north-asia-7-8-jun-2016/the-japanese-lcc-market/>
19. **Hanaoka, S.** "Sustainable regional logistics & supply chain in Asia", Research for Transport & Logistics Industry (R4TLI), Sri Lanka Society for Transport & Logistics (SLSTL), Colombo, 4 June 2016.
20. **Hanaoka, S.** "Air transport development in ASEAN", Transportation Economics, National Graduate Institute for Policy Studies, Tokyo, 17 March 2016.

21. **Hanaoka, S.**, Jiang, J. and Saraswati, B. "Passenger's choice on direct and connecting flights in Indonesian domestic market", Seminar on Center for Transportation Studies, Sauder School of Business, University of British Columbia, Vancouver, 11 January 2016
22. **Hanaoka, S.** and Saito, W. "Competition between land corridor and maritime transport in cross border freight transport", Seminar on Logistics Network Analysis, University of California Santa Barbara, Santa Barbara, 8 January 2016.
23. **Hanaoka, S.** "The Single Aviation Market: Are we condemned to the progress of the slowest-moving ship?", Panellist, CAPA Asia Aviation Summit, Singapore, 23 November 2015.
24. **Hanaoka, S.** "Vision of regional logistics & supply chain through corridor development", Seminar of JICA Study Team, Mombasa, 25 September 2015.
25. **Hanaoka, S.** "Sustainable regional logistics & supply chain in Asia", Keynote Lecture, International Symposium of Indonesian Inter-University Transport Studies Forum (18th FSTPT), University of Lampung, Lampung, 28 August 2015.
26. **Hanaoka, S.** "Sustainable regional logistics & supply chain: Greater Mekong Sub-region", Keynote Lecture, International Symposium on Next Generation ASEAN+3 Connectivity: Trends and Opportunities in Business and Logistics Management, Mae Fah Luang University, Chiang Rai, 23 July 2015.
27. **Hanaoka, S.** "Air transport development in ASEAN", Special lecture for Mae Fah Luang University, Tokyo, 8 June 2015.
28. **Hanaoka, S.** "1. Dry port development, 2. Logistics and intermodal transport, and 3. Experiences of Japanese ports and international routes competition", Seminar on Logistics and Development of Dry Ports, Port and Maritime Organization (PMO) and JICA, Tehran, 17 December 2014.
29. **Hanaoka, S.** "1. Urban form and transit oriented development, 2. Urban public transport, 3. ITS on urban transport in Japan, and 4. Mitigating adverse impacts on urban transport", Seminar on Urban Transport, JICA and Municipality and Rural Management Organization (MRMO), Tehran, 15 December 2014.
30. **Hanaoka, S.** "Cross-border transport in Greater Mekong Sub-region", International Symposium on the theory and practice of transportation planning, Dalian University of Technology, Dalian, 13 October 2014.
31. **Hanaoka, S.** "Purpose of the seminar: why logistics is important for Lao P.D.R?", Curriculum Development & Academic Twinning Seminar for Savannakhet University, JICA Lao office & IMaRC of Kobe University, Kobe, 30 September 2014.
32. **Hanaoka, S.** "Overcoming the cross-border transport barriers in landlocked countries", International Symposium on Transport and Economic Development, Eastern Asia Society for Transportation Studies and Society of Transport Engineers (SOTEN), Kathmandu, 18 September 2014.
33. **Hanaoka, S.** "Future perspective of cross-border land transport in Greater Mekong Sub-region", Seminar in JICA Cambodia office, Phnom Penh, 8 September 2014.
34. **Hanaoka, S.** "Logistics and supply chain management in Greater Mekong Sub-region", Seminar on Multimodal Transport Operation (MTO), Savannakhet University, Savannakhet, 14 March 2014.

35. **Hanaoka, S.** "Transport infrastructure and corridor development", Seminar on the Project for the Study of National Transport Development Plan in the Republic of Nicaragua, Managua, 30 January 2014.
36. **Hanaoka, S.** "Air transport development in ASEAN", JITI Seminar on Smoothing and Facilitating Air Transportation in the ASEAN Region, Japan International Transportation Institute, Tokyo, 24 January 2014.
37. **Hanaoka, S.** "International experiences in urban transport policies and financial options for urban transport projects", Urban Transport System Development Project for Colombo Metropolitan Region and Suburbs (CoMTrans): Special Seminar on Sustainable Urban Transport Development, Colombo, 21 January 2014.
38. **Hanaoka, S.** "Thailand mega projects USD 67 Billion responsive to support financing of sustainable and low carbon transport", Transport Day, Transport Side Event of COP19, Warsaw, 17 November, 2013.
39. **Hanaoka, S.** "Challenges and visions of low-carbon inter-regional transport development", Diagnosis and Policy Implications of Transport for Future Earth, Transport Side Event of COP19: WCTRS and NU-BCES Symposium, Warsaw, 15 November, 2013.
40. **Hanaoka, S.** "Challenges and visions of low-carbon inter-regional transport development in Asia", International Symposium on From Visioning to Implementation of Low-Carbon Transport in Asia, Environment Research and Technology Development Fund (S6-5) of the Ministry of the Environment, Tokyo, 16 October, 2013.
41. **Hanaoka, S.** "National transport master plan: Example of Vietnam", The 3rd Meeting Steering Committee on the Project Study of National Transport Development Plan in the Republic of Nicaragua, Managua, 21 August 2013.
42. **Hanaoka, S.** "Impact on East-West corridor in Greater Mekong Sub-region and port competition in Cambodia", 3rd Seminar of International Maritime Research Centre, Kobe University, Kobe, 21 December 2012.
43. **Hanaoka, S.** and Mogi, S "Estimation of CO<sub>2</sub> emission for urban freight transport in Khon Kean, Thailand", International Seminar on Toward Low-Carbon Urban Transport Systems in Asia, Environment Research and Technology Development Fund (S6-5) of the Ministry of the Environment, Nagoya, 18 December 2012.
44. **Hanaoka, S.** "Transport infrastructure, national development and logistics", The 1st Meeting Steering Committee on the Project Study of National Transport Development Plan in the Republic of Nicaragua, Managua, 13 December 2012.
45. **Hanaoka, S.** "Cross border transport in landlocked countries", The 3rd Forum of Infrastructure Planning and Management Association, Flagstaff, 6 September 2012.
46. **Hanaoka, S.** "Logistics in GMS and landlocked countries", Logistics Seminar 2012 in Savannakhet Province, Savannakhet University and The Ministry of Public Works and Transport of Lao PDR, Savannakhet, 14 August 2012.
47. **Hanaoka, S.** "Optimum speed of container vessels with the reduction of CO<sub>2</sub> emission in maritime transport", An International Workshop on Research on Measures to Establish a Low Carbon Transport System in Asia (S-6-5), Nihon University, 24 February 2012.

48. **Hanaoka, S.** "Cross border transport in landlocked countries", The 5th NEA-JC Workshop on Current and Future Technologies, Nepal Engineers' Association - Japan Center (NEA-JC), 20 November 2011.
49. **Hanaoka, S.** Session Facilitator, 3<sup>rd</sup> Workshop on Transport Statistics in East Asian Countries, Ministry of Land, Infrastructure Transport and Tourism (MLIT) and Kobe University, 16 November 2011.
50. **Hanaoka, S.** "Cross border transport in landlocked countries", Japan International Cooperation Agency (JICA) Bhutan office, Thimphu, 20 September 2011.
51. **Hanaoka, S.** "Transport infrastructure, national development and cross border issues in landlocked countries", Japan International Cooperation Agency (JICA) Nepal office, Kathmandu, 15 September 2011.
52. **Hanaoka, S.** "An Asian perspective on assessing national logistics performance: Japan", Seminar on Assessing National & Regional Logistics Performance, World Bank, Bangkok, 11 May 2011.
53. **Hanaoka, S.** "Urban transport policies for East Asian megacities", Special Lecture at Department of Civil and Environmental Engineering, The Hong Kong University of Science & Technology, Hong Kong, 3 March 2011.
54. **Hanaoka, S.** "Cross border transport in Asian landlocked countries", Weekly Seminars at Department of Transportation Technology and Management, National Chiao Tung University, Taipei, 6 December 2010.
55. **Hanaoka, S.** "Comments on OECD Southeast Asian Economic Outlook 2010", Panelist, OECD Tokyo Centre Policy Forum, Tokyo, 9 November 2010.
56. **Hanaoka, S.** "Aviation and airport policy and the growth of low-cost carriers in Asia", EUJ -Kansai Academic Workshop; Effective Ways of Public and Private Partnership on Social Infrastructure Sectors: Comparative Analysis between Europe and Japan, Kwansai Gakuin University, 6 October 2010.
57. **Hanaoka, S.** "Low carbonization of aviation and freight transport in Asia", Workshop on Research on Realization of Measures for Low Carbon Transport System in Asia, University of Transportation and Communications, Hanoi, 20 September 2010.
58. **Hanaoka, S.** "Cross border transport and logistics in landlocked countries", Seminar on Cross Border Transport and Logistics, Department of Transport, Ministry of Public Works and Transport (MPWT) and Japan International Cooperation Agency (JICA) Laos office, Vientiane, 16 September 2010.
59. **Hanaoka, S.** "Future of air transportation in ASEAN", 21st ASEAN Air Transport Working Group Meeting, Singapore, 23 March 2010.
60. **Hanaoka, S.** "BOT issues in road and rail transportation infrastructure in Asian mega-cities", Seminar on Dhaka Urban Transport Network Development Study, Dhaka Transport Coordination Board (DTCB), Ministry of Communications (MOC) and Japan International Cooperation Agency (JICA), Dhaka, 7 March 2010.
61. **Hanaoka, S.** "Future of air transportation in ASEAN", 1st Senior Transport Officials Meeting (STOM) Expert Group Meeting for ASEAN Strategic Transport Plan (ASTP) 2011-2015, ASEAN Secretariat and Economic Research Institute for ASEAN and East Asia (ERIA), Jakarta, 10 February 2010.

62. **Hanaoka, S.** "Food supply chain in Bangladesh", Seminar on Urban Transport, Bangladesh University of Engineering Technology, Dhaka, 4 November 2009.
63. **Hanaoka, S.** "BOT issues in road and rail transportation infrastructure in Asia", International Workshop on Public-Private Partnerships in the Road Sector, Japan Road Association and PIARC Technical Committee A.2, Osaka, 14 October 2009.
64. **Hanaoka, S.** "Issues on urban transport policies in East Asian mega-cities", Workshop on Dhaka Urban Transport Study (DHUTS), Japan International Cooperation Agency (JICA), Dhaka, 6 July 2009.
65. **Hanaoka, S.** "LBT application survey: Economic impact and cost analysis", Roll out Seminar for Labour Based Technology: Upscaling the Use of Labour-Based Technology in Tanzania: Challenges and the Way Forward (ILO-JICA LBT Seminar), International Labour Organization (ILO) and Japan International Cooperation Agency (JICA), Dar es Salaam, 12 March 2009.
66. **Hanaoka, S.** "Low-cost carriers and low-cost airports in Japan", The 2<sup>nd</sup> International Air Transport Forum, University of Incheon and Incheon Metropolitan City, Incheon, 26 November 2008.
67. **Hanaoka, S.** "Review of slot allocation rule at Haneda Airport in Tokyo", 1st Meeting of A Study Group Meeting on the Use of Congested Airports, Japan International Transport Institute (JITI), Washington, 27 June 2008.
68. **Hanaoka, S.** "Intermodal freight transport in Thailand", Seminar on Transportation Engineering, Asian Institute of Technology, Bangkok, 26 March 2008.
69. **Hanaoka, S.** "Summary of group session: Air transport", Workshop on statistics of Asian traffic and transportation, National and Regional Planning Bureau, Ministry of Land Infrastructure, Transport and Tourism, Tokyo, 11 March 2008.
70. **Hanaoka, S.** and Acharya, S. R. "Mitigating adverse impact of urban transport in Asian mega-cities", Sustainable Transport in East Asian Megacities (STREAM) International Symposium, Institute for Transport Policy Studies, Tokyo, 14 February 2008.
71. **Hanaoka, S.** "Comparative analysis of Asian low-cost carriers strategy", 1st International Seminar on Airline and Airport Management, Kansai Airport and Airline Research Group, Kyoto, 16 October 2007.
72. **Hanaoka, S.** "How to promote intermodal freight transport in Thailand", International Seminar on Sustainable Transportation, Asian Center for Transportation Studies (ACTS), Asian Institute of Technology, Bangkok, 26 February 2007.
73. **Hanaoka, S.** "Urban transport in Bangkok", 2nd Symposium/Workshop on Sustainable Transport for East Asian Megacities (STREAM), Institute for Transport Policy Studies, Tokyo, 18 December 2006.
74. **Hanaoka, S.** "Managing fuel consumption of your fleet efficiently", Fleet Management Asia, Marcus Evans, Bangkok, 13 November 2006.
75. **Hanaoka, S.** "How to promote intermodal freight transport in Thailand", Special Lecture of the 6<sup>th</sup> Industrial-Academic Annual Conference on Supply Chain and Logistics Management: Thailand and Logistic Hub in GMS, Chiang Mai, 3 November 2006.



76. **Hanaoka, S.** "Improving eco-efficiency of transport infrastructure in Asia", First Policy Consultation Forum of the Seoul Initiative on Green Growth: Promoting Sustainable Infrastructure Development, Seoul Initiative Network on Green Growth, Seoul, 6 September 2006.
77. **Hanaoka, S.** and Chiamsiri, S. "Strategic entry and impact of low cost carriers in Southeast Asia", Faculty Research Seminar Series of School of Management, Asian Institute of Technology, Bangkok, 23 August 2006.
78. **Hanaoka, S.** "Urban transport issues in Bangkok", Symposium/Workshop on Sustainable Transport for East Asian Megacities (STREAM), Institute for Transport Policy Studies, Taipei, 17 March 2006.
79. **Hanaoka, S.** "Low cost carriers in Southeast Asia", Report Meeting of Transit/Transfer Survey at KLIA, Ministry of Land, Infrastructure and Transport (MLIT) in Japan, Kuala Lumpur, 16 March 2006.
80. **Hanaoka, S.** "Air traffic distribution rules of multiple-airports in the metropolitan area", Special Lecture, Air Transport Research Division of the Korea Transport Institute, Seoul, 21 February 2006.
81. **Hanaoka, S.** "Entry of the passenger vans in Bangkok: Regulation or deregulation?", International Seminar on Public Transportation, Department of Transportation Engineering of the University of Seoul, Seoul, 20 February 2006.
82. **Hanaoka, S.** and Chiamsiri, S. "Strategic entry and impact of low cost carriers in Southeast Asia", International Research Workshop of the Regional Coordinators of the International Conference of International Business and Economic Development (ICGBED), Bangkok, 6 January 2006.
83. Tanaboriboon, Y., **Hanaoka, S.** and Iamtrakul, P. "Water transport in Bangkok", The Third International Symposium on Southeast Asian Water Environment Program, The University of Tokyo, Bangkok, 7 December 2005.
84. **Hanaoka, S.** "Urban transport problems, issues and some policies: A case of Bangkok", Special Session of 6th International Conference of Eastern Asia Society for Transportation Studies 2005, Eastern Asia Society for Transportation Studies, Bangkok, 22 September 2005.
85. **Hanaoka, S.** "Future vision of LCA activity in North Asia as compared with Southeast Asia", 2nd Annual Low Cost Airline Symposium, Centre for Asia Pacific Aviation (CAPA), Kitakyusyu, 5 August 2005.
86. **Hanaoka, S.** "Environmental impacts of urban transport", Training Program for Officials from the Dhaka Transport Coordination Board on Traffic Management and Enforcement, Asian Institute of Technology Extension, Bangkok, 8 March 2005.
87. **Hanaoka, S.**, "Urban rail transport policy in Japan", International Workshop on Urban Transport Policy in ASEAN: Lessons from European Experience, University of Indonesia and University of Leeds, Jakarta, 15 December 2004.
88. **Hanaoka, S.**, "Road transport and the environment", Training Courses on Sustainable Road Development, Department of Highway in Thailand, Chonburi, 24 November 2004.
89. **Hanaoka, S.**, "First impact of the opening of Bangkok Mass Rapid Transit", One-day Joint Seminar: For the Sustainable Urban Transport Systems, Japan Society of Civil Engineers, Manila, 6 November 2004.

90. **Hanaoka, S.**, "Opening of mass rapid transit and public transport network in Bangkok", 2nd International Workshop on Urban Form, Transport and the Environment, Nagoya University, Nagoya, 18 October 2004.
91. **Hanaoka, S.**, "Current issues of freight transport in Bangkok", Short Courses on City Logistics, Institute for City Logistics, Bangkok, 30 March 2004.

**Seminar Organization:**

1. "Seminar on Multimodal Transport Operation", Savannakhet University and the Department of Public Works and Transport Lao PDR, Savannakhet, 14 March 2014.
2. "International Workshop on Gender, Economic Integration, and Cross-border Road Infrastructure Development: Poverty and Mobility in the Context of Asia", Asian Institute of Technology and Asia Pacific Regional Secretariat of the International Forum for Rural Transport and Development (IFRTD), Bangkok, 6 - 7 May 2010.
3. "Gender, Poverty and Mobility Analysis of Road Transportation Development in GMS Research Design Workshop", Asian Institute of Technology, Japan-ASEAN Solidarity Fund - ASEAN Foundation, Bangkok, 1 - 3 April 2009.
4. "International Seminar on Sustainable Transportation", Asian Center for Transportation Studies (ACTS), Asian Institute of Technology, Bangkok, 26 February 2007.

**International Conference and Academic Society Committee Members:**

1. Eastern Asia Society for Transportation Studies (EASTS), Secretariat Office, 2007 to date. Deputy Secretary General (2016-).
2. Air Transport Research Society (ATRS), Airport Benchmarking Task Force, 2011 to date.
3. Air Transport Research Society (ATRS), Networking Committee, 2016 to date.
4. World Conference of Transport Research Society (WCTRS), Associate Member of Scientific Committee as a co-chair of H4, 2014 to date.
5. Journal of Air Transport Management, International Editorial Board, 2013 to date.
6. International Journal of Urban Sciences, Editorial Board, 2016 to date.
7. International Conference on Transportation Logistics 2010 (T-LOG 2010), Member of Organizing Committee, 2009-2010.
8. International Symposium Nagoya 2009: Transport and Climate Change (TraCC), Member of Organizing Committee, 2009.
9. International Conference on Transportation Logistics 2007 (T-LOG 2007), Member of International Program Committee, 2007.
10. 10th Air Transport Research Society World Conference 2006, Member of Local Organizing Committee, 2006.
11. 6th International Conference of Eastern Asia Society for Transportation Studies 2005, Member of Conference Committee, 2005.

**Refereeing International Journal Articles and International Conferences:**

1. Asian Transport Studies

2. Asia Pacific Journal of Marketing and Logistics
3. Asia-Pacific Journal of Regional Science
4. Asia Pacific World
5. Case Studies on Transport Policy
6. Computational Intelligence and Neuroscience
7. Discrete Dynamics in Nature and Society
8. Energy Sources, Part B: Economics, Planning, and Policy
9. European Journal of Operational Research
10. IATSS Research
11. IEEE Systems Journal
12. International Journal of Aviation Management
13. International Journal of Disaster Risk Reduction
14. International Journal of Hospitality Management
15. International Journal of Industrial Organization
16. International Journal of ITS Research
17. International Journal of Logistics Management
18. International Journal of Logistics Systems and Management
19. International Journal of Management and Decision Making
20. International Journal of Project Management
21. International Journal of Shipping and Transport Logistics
22. International Journal of Sustainable Transportation
23. International Journal of Urban Sciences
24. Journal of Advanced Transportation
25. Journal of Air Transport Management
26. Journal of Eastern Asia Society for Transportation Studies
27. Journal of the Japan Society of Mechanical Engineers
28. Journal of the Operational Research Society
29. Journal of Transport Economics and Policy
30. Journal of Transport Geography
31. Journal of Urban Technology
32. Natural Hazards
33. Operational Research
34. Research in Transportation Business & Management
35. The Aeronautical Journal
36. The Open Transportation Journal
37. Transportation
38. Transport: Institution of Civil Engineers
39. Transport Policy
40. Transportation Research Part A: Policy and Practice
41. Transportation Research Part C: Emerging Technologies
42. Transportation Research Part D: Transport and Environment

43. Transportation Research Part E: Logistics and Transportation Review
44. World Review of Intermodal Transportation Research
45. Air Transport Research Society Special Issues
46. Maejo International Journal of Science and Technology (Local Journal, Thailand)
47. Transport Problems (Local Journal, Poland)
48. University of Mauritius Research Journal (Local Journal, Mauritius)
49. Asian Pacific Industrial Engineering and Management Systems Conference (Conference)
50. ERU Research Symposium: The Engineering Research Unit (ERU) of the University of Moratuwa, Sri Lanka (Conference)
51. International Conference on Transportation Logistics (Conference)
52. International Conference of the Thai Society for Transportation & Traffic Studies (Conference)
53. International IEEE Conference on Intelligent Transportation Systems (Conference)
54. Japan Society of Civil Engineers International Summer Symposium (Conference)
55. Research for Transport & Logistics Industry (R4TLI) in Sri Lanka (Conference)
56. Road Engineering Association of Asia and Australasia (REAAA) (Conference)
57. World Conference of Air Transport Research Society (Conference)
58. World Conference on Transportation Research (Conference)

### **Doctoral Dissertation Supervision:**

#### **Tokyo Institute of Technology**

1. Chathumi Ayanthi Kavirathna (Sri Lankan), ongoing.
2. Meilinda Fitriani Nur Maghfiroh (Indonesian), ongoing.
3. Rajali Maharjan (Nepalese), ongoing.
4. Takuma Matsuda (Japanese), ongoing.
5. Noriaki Nishimiya (Japanese), "" (in Japanese), March 2018.
6. Choi Sunkyung (Korean), "Model Development for Enhancing Airport Operation in Immediate Disaster Response", September 2017.
7. Anita II Alvarez Odchimar (Filipina), "Intermodal Hub-and-Spoke Transport Network for an Archipelagic Country, the Philippines", May 2016.
8. Batari Saraswati (Indonesian), "Assessment of Airline-Airport Cooperation under Liberalization: A Network Model Approach and Perspectives from Southeast Asia", March 2014.
9. Rubel Das (Bangladeshi), "Advancement on Uncertainty Modeling in Humanitarian Logistics for Earthquake Response", March 2014.
10. Nguyen Xuan Long (Vietnamese), "A Concept of Safety Space for Describing Non-lane-based Movements of Motorcycles", September 2012.
11. Tomoya Kawasaki (Japanese), "Inland Cargo Flow Modeling under Shipment Time Variability in Landlocked Developing Countries", June 2012.
12. Madan Bandhu Regmi (Nepalese), "Climate Change and Transport: Assessment of Freight Modal Shift and Emissions through Dry Port Development", March 2012.
13. Pran Nath Dadhich (Indian), "Evaluation of Urban Change Pattern and its Impact on Urban Development Plans - Case of Jaipur, India", September 2011.

### **Asian Institute of Technology**

1. Watchara Sattayaprasert (Thai), “Development of Routing Management Model to Support HazMat Transportation by Roadway Case Study: Gasoline Logistics in Rayong, Thailand”, (As Co-Chair), December 2008.
2. Peerapol Boontaveeyuwat (Thai), “The Development of Ship Routing and Location Models for Hub Port Policy”, (As Co-Chair), December 2008.
3. Pichet Kunadhamraks (Thai), “Evaluation of Logistics Performance for Intermodal Transportation: A Fuzzy-Based Approach”, May 2007.
4. Supaporn Kaewko Leopairojna (Thai), “Market Structure of the Passenger Vans in Bangkok”, May 2007.
5. Thai Charnkol (Thai), “Evacuation Behavioral Analysis for Tsunami Disaster: Transportation Disaster Response”, (Co-Chair: Professor Yordphol Tanaboriboon), December 2006.
6. Rittee Hongsakorn (Thai), “Optimization Decision Model for Truck Terminal Policy”, (Co-Chair: Dr. Kazushi Sano), December 2004.
7. Parinya Tanadtang (Thai), “Evaluating Transportation Demand Management Schemes: An Evidential Reasoning-Based Multi-Criteria Decision Making Approach”, (Co-Chair: Dr. Dongjoo Park), May 2004.

### **Teaching Experiences:**

#### Tokyo Institute of Technology, 2007-on going

1. Project Evaluation and Management for Sustainable Infrastructure, Graduate Course.
2. Project Design & Management S, Graduate Course.
3. Project Evaluation for Sustainable Infrastructure, Graduate Course.
4. Project Management and Evaluation for Sustainable Environment, TAIST (Thailand Advanced Institute of Science and Technology), Advanced and Sustainable Environmental Engineering Program.
5. Technical Management for Sustainable Engineering, Graduate Course.
6. Principles of International Development Projects, Graduate Course.
7. Statistics and Data Analysis (in Japanese), Undergraduate Course.
8. Project Management (in Japanese), Undergraduate Course.
9. Exercises on International Development Projects (in Japanese), Undergraduate Course.
10. Colloquium of Development Engineering (in Japanese), Undergraduate Course.
11. Engineering Mathematics C (in Japanese), Undergraduate Course.
12. Mathematical Programming (in Japanese), Undergraduate Course.
13. Planning and Design of Infrastructure (in Japanese), Undergraduate Course.
14. Civil Engineering in International Development (in Japanese), Undergraduate Course.

#### Asian Institute of Technology, 2003-2010

1. Urban/Regional Transportation Analysis and Planning Methods
2. Transportation Economics and Project Evaluation
3. Logistics Systems
4. Gender and Transportation Management: Issues and Policies

5. Research methodology for gender, poverty and mobility analysis of road transportation development in GMS region
6. Gender Analysis for Transportation Management  
Saitama University, 2000-2003
1. Transportation Planning I and II (in Japanese)