

## Curriculum Vitae



**Shintaro TERABE**

Professor, Doctor of Engineering

Tokyo University of Science  
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Department of Civil Engineering

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### **[Research Field]**

Transportation Planning, Public Involvement (Public Participation, Citizen Participation),  
Transportation Behavior Analysis, Transportation Safety

### **[Nationality]**

Japan

### **[Date of Birth]**

May 4, 1969

### **[Education]**

April, 1995 - March, 1998: Tokyo Institute of Technology, Graduate School of Science and Engineering, Department of Civil Engineering. , Doctor of Engineering

April, 1993 - March, 1995: Tokyo Institute of Technology, Interdisciplinary Graduate School of Science and Engineering, Department of Built Environment. , Master of Engineering

April, 1989 - March, 1993: Tokyo Institute of Technology, Faculty of Engineering, Department of Civil Engineering. , Bachelor of Engineering

### **[Work Experience: University]**

April, 2015 – Present:

Tokyo University of Science, Faculty of Science and Technology, Department of Civil Engineering  
Professor

April, 2006 – March, 2015:

Tokyo University of Science, Faculty of Science and Technology, Department of Civil Engineering  
Associate Professor

April, 2003 – March, 2006:

Kochi University of Technology, Department of Infrastructure Systems Engineering

Associate Professor

May, 1999 - March, 2003:

University of Tokyo, School of Engineering, Department of Civil Engineering, TRIP  
(Transport Research and Infrastructure Planning Lab)

Assistant Professor

April, 1998 - April, 1999:

University of Tokyo, School of Engineering, Department of Civil Engineering, TRIP  
(Transport Research and Infrastructure Planning Lab)

Research Associate

**[Work Experience: Others]** International activities only.

October, 2013 – October, 2014:

Mineta Transportation Institute, San Jose State University, California, United States of  
America, Visiting Scholar.

April, 2008 – April, 2017:

Transportation Research Board, Committee on Performance Management, Member.

September, 2006 - September, 2007:

Transportation Research Board, Performance Measurement Conference Planning  
Committee, Member.

November, 2009 - February, 2011:

Japan International Cooperation Agency, Committee on the Comprehensive Study on  
the Master Plan for Nationwide Transport System in the Arab Republic of Egypt,  
Member.

April, 2009 - August, 2009:

Japan International Cooperation Agency, Committee on Project Study for Delhi Metro  
and Intermodal Transfer Facilities, India, Member.

January, 2002 – Present:

Eastern Asia Society for Transportation Studies, Secretariat.

**[List of Publications, Papers and Presentations]** Japanese papers are excluded.

- 1) Shintaro TERABE, Kazuyuki TAKADA, and Tetsuo YAI, "International Cooperation in Transportation Research among East Asian Countries: Experience of the Eastern Asia Society for Transportation Studies (EASTS)." Case Studies on Transport Policy. Volume 5, Issue 1, pp. 55–60, doi:10.1016/j.cstp.2016.08.002., 2017.03
- 2) Shintaro TERABE, "Ten-Year History of Customer Satisfaction Survey for Highway Users", Short presentation in committee meeting (ABC30) Performance Blitz in the 96th Annual Meeting of Transportation Research Board, Washington, DC, 2017.01
- 3) Hirohisa FUYAMA, Shintaro TERABE, Hideki YAGINUMA, Nan KANG, and Jun MORIO, "An Evaluation of the Socioeconomic Effects around Stations Following the Nagano Shinkansen Development", Proceedings of the 96th Annual Meeting of Transportation Research Board, 2017.01
- 4) Yoshikuni TOMIYAMA, Shintaro TERABE, Hideki YAGINUMA, and Nan KANG, "Effectiveness of Newsletters with Infographics Used in Public Involvement Processes", Proceedings of the 96th Annual Meeting of Transportation Research Board, 2017.01
- 5) Shintaro TERABE, "International Research Cooperation in Transportation: Japanese and the EASTS Perspective", Special session (SST-04), Transport research governance, private sector involvement, and research implementation issues with focus on the Asia – Pacific region, 14th World Conference on Transport Research, 10-15 July 2016, Shanghai, China

- 6) Shintaro TERABE, Yuichiro MAEKAWA, Makoto KASAI, and Kotaro KUROYE, "Classifying High-Speed Rail Stations Based on Socioeconomic Changes in Surrounding Areas after the Development of the Kyushu Shinkansen", Proceedings of the 95th Annual Meeting of Transportation Research Board, 16-1685, 2016.01
- 7) Shintaro TERABE, Nano UESHIRO, Hidehiro YAMAZAKI, and Makoto KASAI, "Effect of Radio News on Listeners' Awareness of Transportation Problems", Proceedings of Eastern Asia Society for Transportation Studies, vol. 10, PP1412, 2015.09
- 8) Shintaro TERABE, Ju-Yeon LEE, Jen-Jia LIN, Jae-Hak OH, Cheng-Min FENG, Shigeru MORICHI, Naoyuki TOMARI, "International Comparison on High-Speed Railway Impacts and Station Area Development- Japan, Korea, and Taiwan", The 11th International Conference of Eastern Asia Society for Transportation Studies, Cebu City, Philippines, 2015.09
- 9) Shintaro TERABE, "Target Setting for Transit in Japanese Experience", 5th International Transportation Systems Performance Measurement and Data Conference, Transportation Research Board, June 1-2, 2015, Denver, Colorado, 2015.06
- 10) Makoto KASAI, Shun SHIBAGAKI, and Shintaro TERABE, "Extracting Characteristics of Traffic Flow in Bottlenecks with Exchange Interactions in Time Headway", Proceedings of the 17th International IEEE Conference on Intelligent Transportation Systems, 378, Qingdao, 2014.10
- 11) Shintaro TERABE, "Comparison on High Speed Rail in Japan, Korea and Taiwan", International Symposium, High Speed Railway in the Asia and Urban Development around Station Areas - International Comparison Study-, Tokyo, 2014.07
- 12) Shintaro TERABE, "Development of Stations in Japan", HSR station area development: Presentations on Germany and Japan, United States Department of Transportation / Federal Transit Administration, San Francisco, 2014.04
- 13) Shinya YAMADA, Shintaro TERABE, and Makoto KASAI, "Safety Performance Measures for Railway Stations", Proceedings of the 93rd Annual Meeting of Transportation Research Board, CD-ROM, 14-1868, 2014.01
- 14) Shintaro TERABE, "Interim Findings of Comparative Study", Korea Transport Institute – Eastern Asia Society for Transportation Studies Joint Workshop: HSR (High Speed Rail) Impacts and Station Area Development Policies, Seoul, 2013.11
- 15) Shintaro TERABE, Takeshi SUZUKI, Kouta MATAYOSHI, and Makoto KASAI, "Do Citizens Read Newsletters Published by Planning Authorities? An Experimental Study Using the Eye Camera", Proceedings of the Eastern Asia Society for Transportation Studies, Vol.9, 54, Taipei, 2013.09
- 16) Makoto KASAI, Shun SHIBAGAKI and Shintaro TERABE, "Application of Hierarchical Bayesian Estimation to Calibrating a Car-following Model with Time-varying Parameters", Proceedings of the 2013 IEEE Intelligent Vehicles Symposium (IV'13), pp.870-875, 2013.06
- 17) Shouta KAWAKAMI, Shintaro TERABE and Hisao UCHIYAMA "Comparison of the Origin-Destination Matrix based upon Log Files accessed by Route Searchers with that of Transportation Census Data", Proceeding of the 12th Conference on Advanced Systems for Public Transport, 2012.07
- 18) Shunsuke KIMURA, Alissa KENDALL and Shintaro TERABE, "Performance Journalism of Transportation Issues in Newspapers: Case Study on California High Speed Rail", Proceedings of the 91st Annual Meeting of Transportation Research Board, CD-ROM, 12-3165, 2012.01
- 19) Makoto KASAI, Ryo UESUGI, Shohei TAKASAWA and Shintaro TERABE, "An Experimental Study on Learning Effects on Mode Choice Behavior in Dynamic Park and Ride", Proceedings of the 14th International IEEE Conference on Intelligent Transportation Systems, vol. 14, pp.1096 – 1102, 2011.10
- 20) Shintaro TERABE, "Performance-Based Management in Japanese Experience", 4th

International Transportation Systems Performance Measurement Conference, Irvine, 2011.05

- 21) Shintaro TERABE and Shunsuke KIMURA, "Comparison of the Journalism Performance by News Articles on Various Transportation Issues in the United States, the United Kingdom and Japan", 4th International Transportation Systems Performance Measurement Conference, Irvine, Poster presentation, 2011.05
- 22) Munenori SHIBATA, Shintaro TERABE and Hisao UCHIYAMA, "Optimization System for Train Set Planning of Inter-City Rapid Trains with the Application of the Flexible Seat Class (Type) Assignment Approach", 9th World Congress on Railway Research, Lille, Poster presentation, 2011.05
- 23) Shintaro TERABE and Toshihiro KIN "Measuring Public Outreach: Estimation of Information Audience Rate", Transportation Research Record: Journal of the Transportation Research Board, No. 2174, pp. 84-88, 2010.12 (revised from original article included in Proceedings of the 89th Annual Meeting of Transportation Research Board, CD-ROM, 10-4126, 2010.01)
- 24) Kaori CHO and Shintaro TERABE, "Development of an Urban Railway Network to Improve Passenger Health", Proceedings of European Transport Conference 2010, 2010.10
- 25) Naoki OKUNOBO, Munenori SHIBATA, Hisao UCHIYAMA and Shintaro TERABE, "A Study on Service Supply Planning of Inter-Regional Transportation Network with the Help of Multi-Objective Optimization Method", Proceedings Media of the 12th World Conference on Transport Research, 2517, 2010.07
- 26) Nami HYUGA and Shintaro TERABE, "How Do Citizens Evaluate Public Officers' Communication?", Proceedings of the 89th Annual Meeting of Transportation Research Board, CD-ROM, 10-1995, 2010.01
- 27) Toshihiro KIN and Shintaro TERABE, "A Lifestyle of Suburban Residents and Media Strategies for Public Involvement in Infrastructure Planning", Proceedings of Eastern Asia Society for Transportation Studies, Vol.8, CDROM, Surabaya, 2009.10
- 28) Osamu KOYAMA, Shintaro TERABE and Hisao UCHIYAMA, "Number of News Articles on Various Transportation Issues", Proceedings of Eastern Asia Society for Transportation Studies, Vol.8, CDROM, Surabaya, 2009.10
- 29) Munenori SHIBATA, Shintaro TERABE and Hisao UCHIYAMA, "A Seat Class Choice Model on Intercity Rapid Train Passengers for Flexible Seat Class Assignment", Proceedings of Eastern Asia Society for Transportation Studies, Vol.8, CDROM, Surabaya, 2009.10
- 30) Hiromitsu MIYATA, Shintaro TERABE, Makoto KASAI and Hisao UCHIYAMA, "Factors Affecting Travel Time Predicted by Bayesian Statistics", Proceedings of ITS World Congress 2009, CDROM, Stockholm, 2009.09
- 31) Shintaro TERABE, Kosuke JYURI, and Hisao UCHIYAMA, "Log Analysis of Web Site for Railway Route Search", Proceedings of the 11th International Conference on Advanced Systems for Public Transport (CASPT), CD-ROM, 2009.07.
- 32) Shintaro TERABE, "Performance Measurement and the Japanese Experience", The 88th Annual Meeting of Transportation Research Board, Session 223(Best Practices Through Comparative Performance Measurement: National and International Examples), Washington, D.C., 2009.1.12.
- 33) Nami HYUGA and Shintaro TERABE, "Citizen Evaluation of Public Officer Communication: How Best to Talk with Citizens", Proceedings of the 88th Annual Meeting of Transportation Research Board, CD-ROM, 2009.01
- 34) Mizuho KATO, Shintaro TERABE, Motomune KATAOKA, Yasuhiko KUMAGAI, Hisao UCHIYAMA, "Infrastructure Based Warning System for On-Coming Vehicles in Curvy Zones: Before and After Study", Proceedings of the 11th World Congress on ITS NEW YORK 2008, CD-ROM, 2008.11.

- 35) Tomofumi YOSHIDA and Shintaro TERABE, "Psychological Aspects of Modal and Seat Category Choice: Structural Equation Modeling Approach", 4th International Conference on Traffic & Transport Psychology, Washington D.C., 2008.9.3.
- 36) Toshihiro KIN and Shintaro TERABE, "Media Strategies for Involving Public in Infrastructure Planning Process Considering Lifestyle of Suburb Residents", Proceedings of the 15th Annual Conference of the Transportation Science Society of the Philippines, CD-ROM, 2007.12
- 37) Yu ITO, Shintaro TERABE and Hisao UCHIYAMA, "Development of Traffic Assignment Model for Policy Evaluation of Municipal Government", Proceedings of the 15th Annual Conference of the Transportation Science Society of the Philippines, CD-ROM, 2007.12
- 38) Shintaro TERABE, "Performance Measures and Customer Satisfaction in Japanese Road System", Third National/First International Conference on Performance Measurement, Irvine, 2007.9
- 39) Shintaro TERABE & Saratchai ONGPRASERT, "Effects of Discounted Fare and Seat Allocation: Modeling Passenger Behavior on Inter-City Rail", Proceedings of the 11th World Conference on Transport Research, CD-ROM, 2007.6
- 40) Shintaro TERABE and Saratchai ONGPRASERT "Seat Inventory Control for Intercity Passenger Rail: How It Works With Customer Satisfaction" European Transport Conference, Strasbourg, 2006.9
- 41) Toyohiro KITAGAWA, Shintaro TERABE and Saratchai ONGPRASERT "Various Factors Affecting Modal Choice Behavior of the Inter-City Passenger between Keihanshin and Fukuoka", Proceedings of the Eastern Asia Society for Transportation Studies, Vol.5, pp.199-208, 2005.9
- 42) Saratchai ONGPRASERT and Shintaro TERABE, "Relationship between Revenue Management and Discounted Ticket Fare Level of Inter-city Rapid Train", INFORMS Annual Meeting, Denver, 2004.10
- 43) Shintaro TERABE, "Relationship among Attitudes to Environmental Issues, Traffic Rules and Automobile Preference", 3rd International Conference on Traffic & Transport Psychology (ICTTP), Nottingham, 2004.9
- 44) Shintaro TERABE, Masashi SATO, Masahiko MIZUGUCHI and Saratchai ONGPRASERT, "Effects of Discounted Fare on Modal Choice: Modeling Passengers Behavior on the Inter-city Transportation", 10th World Conference on Transport Research (WCTR), Istanbul, 2004.7
- 45) Shintaro TERABE, Saratchai ONGPRASERT and Masahiko MIZUGUCHI, "Application of Seat Inventory Control to Intercity Passenger Rail", INFORMS Annual Meeting, Atlanta, 2003.10
- 46) Shintaro TERABE, Yosuke YAMAGISHI and Masahiko MIZUGUCHI, "Passengers Perception on the Inter-City Railway Service: Lifestyle and Benefit Segmentation", International Symposium on Speed-up and Service Technology for Railway and Maglev Systems 2003 (STECH'03), pp.319-322, Tokyo, 2003.8
- 47) Shintaro TERABE, Wataru KATO, Hitoshi KOUNO and Masahiko MIZUGUCHI, "Effects of Service Improvements on Modal Choice in the Inter-City Transportation", International Conference of Inter-city Transportation, Vol.2, pp.475-483, Beijing, 2002.11
- 48) Dewan Masud KARIM, Hitoshi IEDA, Shintaro TERABE and Ryuichi SHIBASAKI, "Risk Evaluation Model for Traffic Accident at Four-Legged Signalized Intersections", Journal of Eastern Asia Society for Transportation Studies, Vol.4, No.5, pp.343-358, 2001.10
- 49) Yafeng YIN, Hitoshi IEDA and Shintaro TERABE, "Is Road Pricing Useful to Traffic Emission Control?", Proceedings of the Third International Summer Symposium, pp.286-288, International Activities Committee, JSCE, 2001.8
- 50) Shintaro TERABE and Toshihide IWAI, "Clustering Method Using Influence Function In Structural Equation Model", Abstract for International Meeting of the Psychometric

Society, p.43, 2001.7

- 51) Shintaro TERABE and Tetsuo YAI, "Attitudes on Public Involvement in Transportation Planning Process : Comparison Between Citizens of the United States and Japan", Journal of the Eastern Asia Society for Transportation Studies, Vol.3, No.4, pp.1-6, 1999.9