



URBAN FREIGHT TRANSPORTATION COMMITTEE

MEMBER SPOTLIGHT



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Introduction

Hi, nice meeting you, everyone. Thank you for the opportunity to introduce myself. I'm Eiichi Taniguchi. I have been a member of Urban Freight Transportation Committee for more than 10 years.

Professional Background

I have been a professor of transport and logistics at Department of Urban Management, Kyoto University, Japan since 2002. My research area covers city logistics, transport planning, Intelligent Transport Systems (ITS), and humanitarian logistics. I conduct research on modelling Vehicle Routing and scheduling Problem with Time Windows (VRPTW), multi-agent simulation for evaluating city logistics measures, including urban consolidation centres, road pricing, and truck ban. The ITS based stochastic and dynamic VRPTW models which take into account the uncertainty of travel times on road network can contribute to establishing efficient and environmentally friendly urban freight transport systems. My recent interest area is in the exact solution of VRPTW and Location Routing Problem (LRP) using column generation and branch and price algorithms. The exact solution approach of VRPTW and LRP is important to identifying the optimal solution as well as a benchmark for heuristics approximate solution using Tabu Search or Genetic Algorithms. I have published more than 200 academic papers and 9 books in transport and logistics areas, including Urban Transportation and Logistics: Health, safety, and security concerns (CRC Press, 2013) and City Logistics: Mapping the future (CRC Press, forthcoming in 2014).

TRB Involvement

I have been involved in TRB Urban Freight Transportation Committee and Task Force on Logistics of Disaster Response and Business Continuity. I find it very good that more people are interested in urban freight and participate in Urban Freight Transportation Committee discussions.

Personal Note

I have organised International Conferences on City Logistics since 1999 every two years in nice beach resorts such as Cairns, Okinawa, Madeira, Langkawi, Crete, Puerto Vallarta, Mallorca, Bali. Next year City Logistics 2015 will be held in Tenerife, Canary Island, Spain. I think that staying at a beautiful resort island gives us a good opportunity to relax, enjoy discussions and promote friendships. Join us in Canary Island in 2015. Visit our website (www.citylogistics.org) for call for papers.