

Session 2B: Prof. Dr. Atsushi Fukuda

Presentation entitled: Estimation of CO₂ Reduction, with LCA

Biographic Data of Speaker



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Education:

Ph.D., M.Eng., B.Eng. in 1982, 1984, 1988 from Nihon University, Japan

Work Experience:

2009-Present Director of Transportation Research Center, Nihon University
2008-Present Head of Department of Transportation Engineering and Socio-
technology, College of Science and Technology, Nihon University
2005-Present Professor, Nihon University
2001-2005 Associate Professor, Nihon University
1992-2001 Assistant Professor, Nihon University
1989-1991 Assistant Professor, Asia Institute of Technology (JICA Expert)
1988-1992 Research Associate, Nihon University

Honors and Awards:

2009 International Activity Incentive Award, Japan Society of Civil
Engineers (JSCE)
2006 Excellent Practice Paper Award, the 3rd National Transport
Conference, Ministry of Transport, Engineering Institute of Thailand,
Khonkean University
2003 Best Paper in the Decision Technologies Track Award, 36th Annual
Hawaii International Conference in System Sciences
1997 Best Presenter Award, 52th Annual Meeting of JSCE
1988 IATSS Dissertation Award, International Association for Traffic
Safety and Science

Main Professional Experiences related ODA (within last decade):

- 2008 - 2009 Member of Study on Environmental Action Plan by MLIT
- 2008 - 2009 Chairman for Research Committee for Study on Market Mechanism for Green House Gas Reduction for Vessel by Ocean Policy Research Foundation (committed by MLIT)
- 2008 Chairman of the Study on CDM Promotion in Construction Sector by NTT Data Management Research Institute (committed by MLIT)
- 2008 Study Member of the Project for Traffic Safety Human Resource Development in Hanoi by JICA
- 2007 - 2008 Member for Expert Meeting on International Effort for Global Environment and Energy in Transportation Sector by MLIT
- 2007 - 2008 Member for Research Committee on Carbon Offset in Transport Sector by Foundation for Promoting Personal Mobility and Ecological Transportation (committed by MLIT)
- 2007 Overseas professional judge of CDM/JI Judgment Committee, Japan Quality Assurance Organization (JQA)
- 2006 - 2007 Chairman for working group for the Future CDM Study (committed by METI)
- 2005 - 2006 Member of Advisory Committee for assistance to develop the Urban Transportation Planning Contents by JICA
- 2003 - 2006 Chairman of Advisory Committee for the Study on Promotion of Clean Development Mechanism, in Thailand (committed by MLIT)
- 2004 - 2005 Chairman of Advisory Committee for the Study on Promotion of Operational Entity for Clean Development Mechanism (committed by MLIT)
- 2003 Member of Advisory Committee for the Study on Promotion of Operational Entity for Clean Development Mechanism (committed by MLIT)
- 2002 - 2003 Chairman of Advisory Committee for Ecological Transportation Study in Costa Rica (committed by MLIT)
- 2002 Member of Study Team for Feasibility to Transfer Traffic Control Technology to Vietnam (committed by National Police Agency)
- 2002 JICA Short Term Expert for the Project to Improve Urban Development Technology in the Kingdom of Thailand by JICA
- 2002 JICA Short Time Expert for Executive Seminar on Environment and Transportation Management (EXETRAM)-V, at University of the Philippines by JICA
- 2001 - 2002 Chairman of Advisory Committee for Transportation Environmental Improvement Study in Chiang Mai City, the Kingdom of Thailand by JICA
- 2001 Chairman of Advisory Committee for Ecological Transportation Study in Bangladesh (committed by Ministry of Land, Infrastructure and Transport)

- 2001 JICA Short Time Expert for Executive Seminar on Environment and Transportation Management (EXETRAM)-III, at University of the Philippines by JICA
- 2000 Chairman of Study Team on Transportation Environmental Improvement Study in Chiang Mai City, the Kingdom of Thailand by JICA
- 2000 Chairman of Advisory Committee for Ecological Transportation Study in Bangladesh (committed by Ministry of Transport)
- 2000 JICA Short Time Expert for Executive Seminar on Environment and Transportation Management (EXETRAM) -II, at University of the Philippines by JICA
- 1998 - 1999 Member of Advisory Committee for the Study on Master Plan for Domestic Airport in the Kingdom of Thailand by JICA

Current Main Academic Services:

Vice Chairman of Engineering Education Program Evaluation Committee, JSCE
 Deputy Secretary of International Committee, JSCE
 Member of Research Planning Committee, JSCE
 Chairman of International Committee, IATSS
 Member of IATSS Forum Program Committee, IATSS
 Secretary of Criteria Committee, Japan Accreditation Board of Engineering Education (JABEE)
 Board Member and Chief Editor of Japanese Chapter of System Dynamics Society
 Councilor of City Planning Institute of Japan
 Board Member of EASTS Japan
 Board Member of ATRANS
 International Editorial Board for Transactions on Transportation Sciences, the Czech Ministry of Transport