EMBARQ at The Transportation Research Board 93rd Annual Meeting

EMBARQ helps cities make sustainable transport a reality

Sunday Jan 12 2014  9:00AM- 12:00PM Hilton, Columbia Hall 5

Workshop 145

Public Transport Policy Development and Challenges: India, China, and Mexico
V. Setty Pendakur, Pacific Policy and Planning Associates, Canada, presiding
Dario Hidalgo, EMBARQ/World Resources Institute, presiding

Workshop
International Activities, Public Transportation

This workshop elaborates on the public transport policy evolution leading to existing policy, challenges, options, and plans in four countries: India, China, Mexico, and the United Kingdom, focusing on sustainable public policy options. Equally important is bringing together public transport professionals and researchers to participate in the discussion and to dissect and provide new dimensions to understanding and formulating policies in their home countries.

Evolution of National Urban Transport Policy in India
O. P. Agarwal, World Bank, presenter

National Urban Transport Policy in India: Implementation Challenges
Shivanand Swamy, Centre for Environmental Planning and Technology University, India, presenter

National Urban Transport Policy in China: Process and Evolution
Xianglong Liu, China Urban Sustainable Transport Research Centre, presenter

Urban Transport in China: What Has Not Worked and Why?
Jinhua Zhao, Massachusetts Institute of Technology, presenter

Urban Transport Development in Shenzhen, China: Success and Challenges
Longsheng Liu, Shenzen Urban Planning and Land Resource Research Center, China, presenter
Urban Transport Policy Development in Mexico
Arturo Ardila-Gomez, The World Bank, presenter

Public Transport Infrastructure Policy and Management in Mexico
Carlos Mier y Tan, PROTRAM, Mexico, presenter

Monday Jan 13 2014  8:00AM- 9:45AM  Hilton, Columbia Hall 5

Session 242
Public Transport Policy and Analysis in Latin America
O. P. Agarwal, World Bank, presiding
Nicolas Estupinan, Ministry of Transport, Colombia, presiding

Lectern Session | AICP Certification Maintenance Session
International Activities, Policy, Public Transportation

Urban Development Around Bus Rapid Transit Stops in Seven Cities in Latin America
Daniel A. Rodriguez, University of North Carolina, Chapel Hill, presenter
Erik Vergel, University of North Carolina, Chapel Hill, presenter

Mexico City’s Suburban Land Use and Transit Connection: Effects of Line B Metro Expansion
Erick Guerra, University of Pennsylvania, presenter

Evaluating Bus Rapid Transit Improvements in Mexico City: How Feasible Is It to Improve a Consolidated System?
Abel Lopez Dodero, CTS EMBARQ Mexico, presenter
Paula Manoela Santos da Rocha, EMBARQ Brazil, presenter
Jose Juan Hernandez, CTS EMBARQ Mexico, presenter
Aldo Cerezo, CTS EMBARQ Mexico, presenter

Challenges of Implementing "à la Mode" Transport Projects: Case Studies of Bus Rapid Transit and Cable Cars in Colombia
Juan Pablo Bocarejo, Universidad de Los Andes, Colombia, presenter
Juan Miguel Velasquez, EMBARQ/World Resources Institute, presenter
Diana Carolina Galarza, Universidad de Los Andes, Colombia, presenter
Advancing Urban Mobility with National Programs: A Review of Colombia's National Urban Transport Policy
Dario Hidalgo, EMBARQ/World Resources Institute, presenter
Rodrigo Diaz, CTS EMBARQ Mexico, presenter

Monday Jan 13, 2014 6:00PM - 7:15PM Marriott, Salon 1

Thomas B. Deen Distinguished Lecture and Presentation of Awards
Monday, January 13, 2014 6:00PM - 7:15PM Marriott, Salon 1
Data and Information Technology, Freight Transportation
Robert E. Skinner, Transportation Research Board, presiding

Presentation of Awards
Katherine F. Turnbull, Texas A&M Transportation Institute, presenter

2013 Fred Burgraf Award
ERIN COOPER, MAGDALA ARIOLI, AILEEN CARRIGAN, AND UMANG JAIN; Meta-Analysis of Transit Bus Exhaust Emissions

The Fred Burggraf Award was established in 1966 to stimulate and encourage young researchers to contribute to the advancement of knowledge in the field of transportation. It provides recognition of excellence in transportation research by researchers 35 years of age or younger whose papers have been published under the sponsorship of any Division A Standing Group. One such award may be bestowed on eligible authors by any Group Executive Board when warranted. The award is accompanied by a cash prize and was named in honor of the late Fred Burggraf, who served as the Board's director from 1951 until his retirement in 1964.

Monday Jan 13 2014 7:30PM- 9:30PM Marriott, Maryland C

Session 444
Innovative Pedestrian Transportation Research
Robert J. Schneider, University of Wisconsin, Milwaukee, presiding

Lectern Session | AICP Certification Maintenance Session | Practice Ready Papers
Pedestrians and Bicyclists

Impact of Intersection Design on Pedestrians' Choice to Cross on Red
Nicole Duduta, EMBARQ/World Resources Institute, presenter
Qianqian Zhang, Massachusetts Institute of Technology, presenter
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<th>Session 528</th>
<th>Transportation Energy and Climate Change</th>
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<td>**Poster Session</td>
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**Exploring Connection Between Climate Change and Traffic Safety: Initial Aggregate Assessment**

Dario Hidalgo, EMBARQ/World Resources Institute, presenter
Nicolae Duduta, EMBARQ/World Resources Institute, presenter

(Other posters not listed)

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<th>Session 572</th>
<th>Emerging Research in Health and Transportation</th>
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**Health Impact Assessments of Transportation Projects in an Urban Indian Context**

Veronica Conti, EMBARQ/World Resources Institute, India, presenter
Anjali Mahendra, EMBARQ/World Resources Institute, India, presenter
Tuesday Jan 14 2014 1:30PM- 5:30PM Hilton, Gunston
Transportation in the Developing Countries Committee
O. P. Agarwal, World Bank, presiding
Environment, International Activities, Planning and Forecasting, Safety and Human Factors

Members of the Committee include Madhav Pai and Darío Hidalgo; participants include Adriana Lobo, Luis A. Lindau. Expected presentations from the candidates to the Sustainable Transport Award: Buenos Aires, Argentina; Indore, India; Lanzhou, China; and Suwon, South Korea, and discussions of national public policy in Colombia, Mexico and India.

Tuesday Jan 14 2014 5:30PM – 7:00PM Hilton, International Ballroom
Sustainable Transport Awards Ceremony
Finalists: Buenos Aires, Argentina; Indore, India; Lanzhou, China; and Suwon, South Korea
Walter Hook, ITDP, presiding
Remarks from Holger Dalkmann, EMBARQ

Tuesday Jan 14 2014  1:30PM- 3:15PM Hilton, Columbia Hall 7

Session 603
How Does Gender Influence Travel Attitudes, Patterns, and Perspectives on Crime?
Dawn Spanhake, University of Minnesota, presiding
Lectern Session | AICP Certification Maintenance Session
Policy, Public Transportation, Safety and Human Factors

What Explains the Gender Gap in Schlepping? Testing Various Explanations for Gender Differences in Household-Serving Travel
Brian D. Taylor, University of California, Los Angeles, presenter
Kelcie Ralph, University of California, Los Angeles, presenter
Michael Smart, Rutgers University, presenter

Gendered Perspectives on Transit Crime in Arequipa, Perú, and Bogotá, Colombia
Gwen Averill Kash, University of North Carolina, Chapel Hill, presenter
Gender Differences in Daily Activity Patterns, Urban Form, and Intrahousehold Interactions
Lulu Xue, EMBARQ/World Resources Institute, presenter

The Role of Gender and Attitudes on Public Transportation Use
Mi Namgung, Ohio State University, presenter
Gulsah Akar, Ohio State University, presenter

Discussant
Nite Tanzarn, Makere University, Uganda, presenter

Tuesday Jan 14 2014 2:00PM- 3:45PM Hilton, International Center

Session 631
Bus Transit Research and Practices
Poster Session | Practice Ready Papers
Public Transportation

High Cost of Low Emissions Standards for Bus-Based Public Transport Operators in India: Evidence from Bangalore
Timothy Fok, EMBARQ India, presenter
Ashwin G Prabhu, EMBARQ/World Resources Institute, India, presenter
Prashanth Bachu, EMBARQ/World Resources Institute, India, presenter

BRT and Bus Priority Corridors: Scenario for the American continent
Luis Antonio Lindau, Universidade Federal do Rio Grande do Sul, Brazil, presenter
Guillermo Petzhold, EMBARQ Brazil, presenter
Cristina Albuquerque Moreira da Silva, EMBARQ Brazil, presenter
Daniela Facchini, Centro de Transporte Sustentável do Brasil, presenter

(other posters not listed, plenty of BRT research in this session)

Tuesday Jan 14 2014 2:00PM- 3:45PM Hilton, International Center
Reducing Vehicle Trips with Demand Management: Experience from Major Cities, a College Campus, the Summer Olympics, and Hurricane Sandy
William R. Loudon, DKS Associates, Inc., presiding

This session provides reports on experience with transportation demand management (TDM) strategies from a wide variety of settings. Included among the strategies used are congestion pricing, parking pricing, vehicle licensing quotas, enhanced transit services, transit fare subsidy, bikesharing, and traveler information. The effectiveness of TDM strategies is evaluated with traveler surveys, monitoring of vehicle use, and econometric modeling and statistical analysis.

Assessment of Adoption of Sustainable Urban Passenger Transport Measures
Heshuang Zeng, EMBARQ/World Resources Institute, presenter
Dario Hidalgo, EMBARQ/World Resources Institute, presenter
Akshay Mani, EMBARQ India, presenter

(Other presentations not listed)
Dario Hidalgo, EMBARQ/World Resources Institute, presiding
Public Transportation, Safety and Human Factors
Hilton ABE90

Presentations of the new Directional Services in Bangalore – Amit Bhatt, EMBARQ India; and Ahmedabad, Prof. S. Swamy CEPT University; Progress in the Integrated Public Transport System in Santiago– Patricio Pérez UTPM Ministry of Transport and Communications, Chile; advances in research in BRT – Juan Carlos Muñoz ALC-BRT Centre of Excellence and Pontificia Universidad Católica de Chile; updates on innovations in public transport around the world and announcements on reports and events (ITDP, EMBARQ, Clean Air Asia, ADB, IDB, WB, TRL, SIBRT).

Wednesday Jan 15 2014 8:00AM- 9:45AM Hilton, Georgetown East

Session 759
Something Old Becomes New: Emerging Mobility Pathways in the 21st Century
Caroline Jane Rodier, University of California, Davis, presiding
Lectern Session | AICP Certification Maintenance Session
Environment, Pedestrians and Bicyclists, Planning and Forecasting
Case Study of Auto-Rickshaw Industry in Mumbai, India
Emma Shlaes, EMBARQ India, presenter
Akshay Mani, EMBARQ India, presenter

(other presentations not listed)

Wednesday Jan 15 2014 2:30PM- 4:00PM

Session 839
Transport Planning and Analysis in Asia
Samuel Leo Zimmerman, World Bank, presiding
Lectern Session | AICP Certification Maintenance Session
International Activities, Planning and Forecasting, Policy
Shifting Transit-Oriented Development Discourse from Intensification of Built-up Areas to Regulations Managing High People Densities: Mumbai’s Development Plan Revision
Lubaina Rangwala, EMBARQ India, presenter
Rejeet Mathews, EMBARQ India, presenter
Sanjay Sridhar, EMBARQ India, presenter

(other presentations not listed)