

## **EMBARQ at The Transportation Research Board 93<sup>rd</sup> Annual Meeting January 12-15, 2014, Washington DC**

*EMBARQ helps cities make sustainable transport a reality*

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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, Shenzhen 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 Burggraf 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**

Nicolae Duduta, EMBARQ/World Resources Institute, presenter

Qianqian Zhang, Massachusetts Institute of Technology, presenter

Matt Kroneberger, Consultant, presenter

(other presentations not listed)

Monday Jan 13 2014 7:30PM- 9:30PM Hilton, Gunston

**Traffic Safety and Traffic Management in Developing Countries Subcommittee, ABE90(1)**

Yanyan Chen, Beijing University of Technology, China, presiding

V. Setty Pendakur, Pacific Policy and Planning Associates, Canada, presiding

International Activities, Operations and Traffic Management, Safety and Human Factors

Tuesday Jan 14 2014 8:30AM- 10:15AM Hilton, International Center

**Session 528**

**Transportation Energy and Climate Change**

Lewison Lee Lem, Jack Faucett Associates, Inc., presiding

*Poster Session | Practice Ready Papers*

Energy, Environment

**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)

Tuesday Jan 14 2014 10:45AM- 12:30PM Hilton, International Center

**Session 572**

**Emerging Research in Health and Transportation**

Eloisa Tigre Raynault, American Public Health Association, presiding

*Poster Session | AICP Certification Maintenance Session*

Environment, Safety and Human Factors, Society

**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

(other posters not listed)

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**

Joseph L SanClemente, Howard/Stein-Hudson Associates, Inc., presiding

*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

**Session 640**

**Transportation and Sustainability**

Damon Fordham, The Cadmus Group, Inc., presiding

*Poster Session | Practice Ready Papers*

Economics, Planning and Forecasting, Policy

**Readiness for Transport Climate Finance: Framework for Preconditions to Access Climate Finance in the Transport Sector**

Benoit Lefevre, EMBARQ/World Resources Institute, presenter

David Leipziger, EMBARQ/World Resources Institute, presenter

(other posters not listed)

Tuesday Jan 14 2014 3:45PM- 5:30PM Hilton, Georgetown West

**Session 668****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

*Lectern Session | AICP Certification Maintenance Session | Practice Ready Papers*

Planning and Forecasting, Policy, Transportation, General

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)

Wednesday Jan 15 2014 8:00AM- 9:45AM Hilton, L'Enfant

**Public Transport, BRT and Innovations in Developing Countries Subcommittee, ABE90(2)**

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



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10 G Street, NE Suite 800 Washington, DC, 20002 USA +1 (202) 729-7600

Sanjay Sridhar, EMBARQ India, presenter

(other presentations not listed)