



Séminaire du CIRRELT Seminar

José Holguin-Veras

Rensselaer Polytechnic Institute, États-Unis/USA



PARTIE 1 - THE OFF-HOUR DELIVERY PROJECT IN NEW YORK CITY

ABSTRACT

The off-hour delivery (OHD) implementation project—being conducted in New York City by the New York City Department of Transportation and the Rensselaer Polytechnic Institute—provides an interesting example of multi-stakeholder cooperation between public and private sector partners, community advocates, and trade organizations. The project is large, complex, and requires the collaboration of all partners to fully achieve its goals. Starting as a small research project in 2002, the OHD concept has blossomed into a potent urban freight demand management tool expected to switch to the off-hours (between 19:00 and 6:00) 20% to 40% of the urban delivery traffic currently made in the congested hours of the day. The economic and environmental impacts are tremendous: \$150-\$200 million/year, mainly from travel time savings, productivity increases, and pollution reductions (e.g., 20.9% of OHD leads to reductions of: 202.7 tonnes of CO, 40 tonnes of HC, 11.8 tonnes of NOx, and 69.9 kilograms of PM10). In response to these impacts, the American federal government created a program to foster OHD in other American cities.

Professor Holguín-Veras will discuss the lessons learned during the OHD project, the important role that cutting edge research plays by defining new paradigms of urban freight systems, and identifying the most effective pathways to achieve the desired goals; the need to build coalitions of agents-of-change that involve both private and public sector partners; the role of pilot testing as an external validation mechanism to test research concepts; the need to define pathways for implementation of promising concepts, while accounting for the complex political realities of modern urban environments. Professor Holguín-Veras will also discuss the need for agents-of-change to be patient and determined as they push forward the frontiers of knowledge and practice in search for a better world.

VERSO : Note biographique / Biographical sketch

NOTE : LA PARTIE 2 SERA PRÉSENTÉE À 11H / PART 2 WILL BE PRESENTED AT 11:00

VENDREDI / FRIDAY

15 novembre 2013 /
November 15th, 2013

PARTIE 1 / PART 1 : 9h30

Salle / Room 6254
Pavillon André-Aisenstadt
Université de Montréal

Ouvert à tous / Open to all

Organisateur / Organizer
Teodor Gabriel Crainic





Dr. José Holguín-Veras, is the William H. Hart Professor and Director of the Volvo Research and Educational Foundations Center of Excellence for Sustainable Urban Freight Systems, and the Center for Infrastructure, Transportation, and the Environment at Rensselaer Polytechnic Institute. He is the recipient of numerous awards, including the 2013 White House's Transportation Champion of Change Award, the 1996 Milton Pikarsky Memorial Award, and the 2001 National Science Foundation's CAREER Award. His research interests are in the areas of freight transportation policy, modeling, and economics, and humanitarian logistics. His work opened the door to new paradigms of freight systems that, increase economic efficiency environmental justice, sustainability, livability and environmental justice. His work on humanitarian logistics has played an improving disaster response procedures, and has led to deeper insight into how best to respond to large disasters and catastrophic events. He is President of the Scientific Committee of the Pan-American Conferences of Traffic and Transportation Engineering, and member of the Scientific Committee of the World Conference of Transport Research. He is a member of numerous technical committees and editorial boards of leading journals. He received his Ph.D. from The University of Texas at Austin in 1996; a M.Sc. from the Universidad Central de Venezuela in 1984; and a B.Sc. from the Universidad Autónoma de Santo Domingo en 1982.

