METRANS Transportation Center
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Sustainable Transportation Seminar Series

Dr. Laetitia Dablanc

Comparing Three CO_2 Emission Assessments for Freight Transportation In Paris

Abstract

Freight transportation has been immensely successful in meeting the needs of today's urban economies, delivering an increasing number of goods to businesses and house holds while operating in congested, complex urban environments. More than one million deliveries are made every day in the Paris region. But this has come at a cost, as the environmental impact of urban freight is high. Truck and van trips make up 15% of urban traffic, but generate between a quarter and half of motor traffic pollution in cities. This is due to the old age of urban commercial vehicles and the predominance of diesel vehicles, the stops and goes that goods' deliveries and pickups generate, the increased distances from distribution terminals to final destinations. In this presentation, three recent CO_2 emission assessments for freight transportation at different scales will be compared, leading to a discussion on urban freight environmental challenges and the often unsuccessful efforts by local decision-makers to deal with them.

Date: Wednesday, Feb. 15th
Time: Noon to 1:30 pm
Location: RGL 100

Lunch will be served to those who RSVP to Vicki Valentine,

Dr. Laetitia Dablanc, is a visiting scholar at the Sol Price School of Public Policy. She is a senior scientist from the French Institute of Science and Technology for Transport, Development and Networks (IFSTTAR). Her areas of research are freight transportation, freight and the environment, freight policies. She has authored many books and articles on urban freight issues. She received a PhD in transportation planning from Ecole des Ponts-Paris Tech, and a Master's degree in city and regional planning from Cornell University. Professor Dablanc was initially trained in policy analysis and economics at Science Po Paris. With the financial support of IFSTTAR and ADEME, she is currently working on logistics sprawl issues and freight transport planning in U.S. and European megaregions. She researched at the Georgia Institute of Technology before joining METRANS.