



Northwestern University Transportation Center presents:

Delivering Sustainability: Transporting Goods in Urban Spaces

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ABSTRACT:

The movement of freight in urban areas has a major impact on the economic power, quality of life, and accessibility and attractiveness of the local community, but it receives little attention in comparison to passenger movements. With the ongoing increase in urban freight, there is increased concern about goods movements and their consequences. What is the urban freight system? What are the problems presented by the urban freight system? And what role does it play in developing more sustainable cities? This talk presents a view of the role of freight in developing sustainable cities, and some of the pioneering work of the Urban Freight Lab; one of the current research thrusts of the Supply Chain Transportation and Logistics Center; for which Dr. Goodchild is the Founding Director. Dr. Goodchild will share the approaches the Urban Freight Lab has taken to quantify emissions from different goods delivery systems, and their findings to date.

SPEAKER BIO:

Dr. Goodchild is the Allan and Inger Osberg Endowed Associate Professor in Civil and Environmental Engineering at the University of Washington. She joined the UW faculty in December 2005 after completing her PhD at UC at Berkeley. Dr. Goodchild is interested in the intersection between supply chain management and freight transportation. As an example of this, recent research is evaluating the changing nature of shopping and implications for goods delivery on CO2 emissions, local pollutants, and vehicle miles travelled.

As the founding director of the Supply Chain Transportation and Logistics Center and the Supply Chain Transportation and Logistics Online Master's Program she leads the University of Washington's academic efforts in the area of supply chain, logistics, and freight transportation. Before attending Berkeley she worked in consulting for 5 years in Europe and North America, for PricewaterhouseCoopers LLP and Applied Decision Analysis Inc., modeling business problems such. Dr. Goodchild serves as the Freight Systems Group Chair for the Transportation Research Board.