Ecommerce and Parcel Deliveries in New York City

Alison Conway
Associate Professor of Civil Engineering

The Local/Global Challenge of Urban Freight
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Ecommerce Movement in the NYC Region
Ecommerce Movement in the NYC Region

The City College of New York
New Warehouses in NYC
Ecommerce Activity

- Increasing volume of activity
- Deliveries distributed throughout the day
- Mixed fleet: truck → bike
- Expected delivery speeds → as little as one hour
- Residence as destination
Shared Street Infrastructure

• Growing dedicated bus and bicycle infrastructures
• Increase in on-demand services
  • Transportation network companies
  • Bikeshare
  • Scooters ...?
Enforcement

• Ticket = cost of business
• Factors limit costs to major carriers
  • Stipulated fine program
  • USPS not subject to local regulation
Parking Supply - Demand Mismatch

9 am - 12 pm
12 pm - 4 pm
4 pm - 7 pm
7 pm - 9 pm

Legend
- No supply
- No Demand
- Demand Supply Ratio
  - 0.00 - 0.50
  - 0.51 - 0.75
  - 0.76 - 0.90
  - 0.91 - 1.00
  - 1.00 +
City Initiatives

- NYC Economic Development Corporation *FreightNYC* Plan
  - Multimodal investments
  - Modern distribution facilities
  - Green supply chains

- NYC Department of Transportation *Smart Truck Management Plan*
  - Coming soon ...

- NYC Congestion Action Plan
Improving Street Design for Freight Activity

Complete Streets Considerations for Freight and Emergency Vehicle Operations
Questions?

aconway@ccny.cuny.edu