

<i>For VREF administration only:</i>	
<b>ARRIVAL DATE:</b>	
CoE-2012-01 PROGREP 2017	


**COE OR BIGGER PROJECT - PROGRESS REPORT-**  
**FOR ONGOING PROJECTS SUPPORTED BY THE VOLVO RESEARCH AND EDUCATIONAL FOUNDATIONS**

<b>PROJECT NUMBER (given by the VREF)</b>	CoE-2012-01
<b>PROJECT TITLE</b>	METROFREIGHT: THE LOCAL/GLOBAL CHALLENGE OF URBAN FREIGHT
<b>NAME OF THE HOST INSTITUTION</b>	METRANS TRANSPORTATION CENTER SOL PRICE SCHOOL OF PUBLIC POLICY UNIVERSITY OF SOUTHERN CALIFORNIA (USC)
<b>NAME OF THE COE LEADER</b>	GENEVIEVE GIULIANO
<b>E-MAIL FOR COE LEADER</b>	<a href="mailto:GIULIANO@USC.EDU">GIULIANO@USC.EDU</a>
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**NAMES OF THE MAIN CORE PARTNERS IF APPLICABLE (ADD TO THE BELOW IF YOU HAVE MORE THAN 5 CORE PARTNERS)**

<b>1</b>	<b>UNIVERSITIES/ORGANIZATIONS</b> <b>NAME OF THE PROJECT RESPONSIBLE</b> <b>E-MAIL FOR CONTACT</b>	USC Sol Price School of Public Policy, METRANS Transportation Ctr Genevieve Giuliano, Director and Professor <a href="mailto:giuliano@price.usc.edu">giuliano@price.usc.edu</a> , 213.740.3956
<b>2</b>	<b>UNIVERSITIES/ORGANIZATIONS</b> <b>NAME OF THE CONTACT PERSON</b> <b>E-MAIL FOR CONTACT PERSON</b>	California State University, Long Beach (CSULB)/CITT Thomas O'Brien, Executive Director <a href="mailto:tobrien@csulb.edu">tobrien@csulb.edu</a> , 562.985.2875
<b>3</b>	<b>UNIVERSITIES/ORGANIZATIONS</b> <b>NAME OF THE CONTACT PERSON</b> <b>E-MAIL FOR CONTACT PERSON</b>	Universite Paris Est, IFSTTAR, AME Laetitia Dablanc, Director of Research <a href="mailto:laetitia.dablanc@ifsttar.fr">laetitia.dablanc@ifsttar.fr</a> , +33 1 81 66 88 86
<b>4</b>	<b>UNIVERSITIES/ORGANIZATIONS</b> <b>NAME OF THE CONTACT PERSON</b> <b>E-MAIL FOR CONTACT PERSON</b>	Hofstra University/USDOT Region 2 University Transportation Ctr Jean-Paul Rodrigue, Professor <a href="mailto:jean-paul.rodrigue@hofstra.edu">jean-paul.rodrigue@hofstra.edu</a> , 516.463.5765
<b>5</b>	<b>UNIVERSITIES/ORGANIZATIONS</b> <b>NAME OF THE CONTACT PERSON</b> <b>E-MAIL FOR CONTACT PERSON</b>	The Korea Transport Institute (KOTI), Sejong, Korea Sangbeom Seo, Research Fellow <a href="mailto:sbeo@koti.re.kr">sbeo@koti.re.kr</a> , +82 44 211 3154

<b>START OF PROJECT: (YYYY-MM-DD)</b>	2013-05-01
<b>END OF PROJECT: (YYYY-MM-DD)</b>	2018-12-31
<b>GRANT AWARDED 2017 IN SEK</b>	7.092,628 SEK
<b>GRANT REQUESTED FOR NEXT YEAR IN SEK</b>	705,671 SEK

<b>SIGNATURE, PROJECT LEADER</b>	
University of Southern California Los Angeles, California September 25, 2017	GENEVIEVE GIULIANO 
_____ (Place and date here)	_____ (Project leader's name in capital letters and signature here)

## SECTION 1:

### SUMMARY OF MAIN CONTRIBUTIONS AND IMPACT (max 2 pages, reporting period September 2016 – August 2017)

#### Main scientific contributions

MetroFreight (MF) has continued its research program as described in the original proposal. We have a total of 41 projects, with 28 completed and 13 in progress. See Table 1 for list of completed projects during Year 5 (titles available on MF website). This year MF researchers generated 18 refereed publications, 9 research reports, and 4 other publications. They have submitted an additional 13 papers to peer reviewed journals. Eight participated in the VREF Conference on Urban Freight 2016, 10 gave presentations at TRB, and 4 participated in the MOBILIZE Summit. Seventeen will participate in the 2017 International Urban Freight Conference.

**Table 1: Completed research projects during Year 5**

Theme	Project
Theme 1: Role of policy from industry perspective	1.1d, 1.1f, 1.1g
Theme 2: Last mile strategies	2.2d, *2.1e, *2.2c, 2.2d
Theme 3: Improving passenger freight interaction	3.2d
Theme 4: Land use dynamics	4.1a, *4.1b, *4.1h, *4.1i, 4.1j, 4.2b
Theme 5: Changing production and consumption	5.1a, 5.3a
*Anticipated completion December 2017	

#### Honors and awards:

*Faculty:* ▪Petros Ioannou, 2016 IEEE Control System to Practice Award for his research on adaptive cruise control. ▪Jean-Paul Rodrigue,

visiting scholar at the Laboratoire Aménagement Economie Transports (LAET), University of Lyon. ▪Laetitia Dablanc, member of the scientific council of the new French Urban Freight Program, an advisory board to the French ministry of transport. ▪Jee-Sun Lee, two awards from KOTI, one for excellence in research and one for contributions to Korean national policy. *Students:* ▪Sanggyun Kang and Yanbo Zhang, postdoctoral fellowships at the METRANS Transportation Center. ▪Miles Winston, CSULB Masters of Science in Supply Chain Management student, Port of Long Beach scholarship, and award from the Containerization and Intermodal Institute. ▪Bahman Moghimi, Ph.D. student, City College of New York, 2017 ITS-NY Best Paper Award. ▪Jose Salas, undergraduate student, CCNY's TRB Minority Fellow for the 2017/2018 year. *Scholarships:* ▪Quan Yuan and Santiago Carvajal, USC PhD students, VREF scholarships to attend the MOBILIZE Summit in Chile. ▪Quanquan Chen, CCNY, VREF Study Grant to visit IFSTTAR. ▪Pierre Camilleri, PhD student at IFSTTAR, VREF Study Visit Grant to visit Oslo (TOI) and Gothenburg (Chalmers), and DAAD (German Academic Exchange Service) grant to stay at the DLR in Berlin.

#### Educational contributions

The MF project continues to help formalize urban freight as an academic field of inquiry, beyond traditional logistics and systems engineering programs.

*PhDs Granted:* ▪Sanggyun Kang, PhD in Urban Planning and Development, USC, May 2017. ▪Yanbo Zhang, PhD in Electrical Engineering-Systems, USC, May 2017; ▪Quanquan Chen, PhD in Civil Engineering, CCNY, August 2017. ▪Adeline Heitz and Adrien Beziat, Doctor, University of Paris-East, June 2017.

*Curriculum Development:* Jean-Paul Rodrigue is leading the preparation of a *city logistics introductory textbook*. It will be freely available online, and will support the development of city logistics courses and curriculum in academic institutions. The MF *Curriculum Guide* now has over 300 entries and continues to be available via the MF website. *Urban Freight and City Logistics* was offered by Alison Conway at CCNY for the second time in Spring 2017; 22 students completed the course. Materials are currently being updated to prepare for online sharing. Laetitia Dablanc continued teaching *urban freight courses*, one at Ecole des Ponts/University of Paris-East (Master's level) and one at EFPL, Switzerland (Master's level). A new *Master's degree (in English) on Smart Mobility* has opened at Ecole des Ponts/University of Paris-East for Fall 2017 (<http://www.enpc.fr/mastere-specialise-smart-mobility>); Dablanc will teach a module on 'smart urban freight mobility.' Alison Conway will complete the *Complete Streets guidebook* on accommodating freight (and emergency vehicles) in Complete Streets design in September 2017. The final PDF guidebook and related PowerPoint modules will be made available via the MF website.

*Professional training:* The second of two short courses will pilot in Los Angeles in Spring 2018 and is aimed at transportation planners. It will focus on incorporating freight in the design of development projects. Jee-Sun Lee

and Sang Beom Seo have participated in several knowledge sharing programs, which bring transportation and logistics officials from other countries to Korea to share knowledge and best practices.

### **Main communication activities**

**Media program:** The MF website is our primary communications channel. It provides general information on MF, lists all research projects, events, publications, podcasts, webinars, and videos. It includes social media channels, such as Facebook, Twitter and LinkedIn. IFSTTAR continues to publish a four-to-six-page MF newsletter (two issues for Aug 2016-Sept 2017). *METRANS News* continues to feature a MF section in every issue, and our student newsletter, *METRANS on the Move*, features MF research and activities.

**Outreach to professional community:** MF researchers communicate research and expertise through participation in national, state and local planning, policy and implementation. *Rodrigue* participated in a business development seminar for Panama Canal managers. *Conway* chaired the planning committee for TRB's FHWA-sponsored Innovations in Freight Data Workshop held May 17-18 2017. *Dablanc* worked on a policy report on more efficient urban freight for the Think Tank Terra Nova (<http://tnova.fr/rapports/des-marchandises-dans-la-ville>). It was presented to national and local policy-makers and attracted general media attention. IFSTTAR and AFILOG, the main trade body for logistics real estate developers and third party logistics providers in France, developed a brochure presenting the different categories of urban warehouses in France and abroad. MF is a formal support organization of European consortium CITYLAB. *Liu* and *Dablanc* are active in several research tasks of CITYLAB, including updating the Observatory on new trends impacting urban freight, providing data on logistics sprawl, e-commerce logistics, and service trips.

### **Influencing policy and practice**

**Los Angeles:** Giuliano and O'Brien continue to work with Caltrans on several projects to support implementation of the California Sustainable Freight Action Plan (CSFAP). These include evaluating and recommending freight efficiency metrics, identifying future workforce needs and training, improving the capacity of freight planning within Caltrans, and managing the development of economic competitiveness metrics and analysis. In collaboration with Caltrans, Giuliano presented "Managing the Impacts of Freight in California" during two videotaped public webinars, and before the California Freight Advisory Committee (CFAC) in May 2017.

**New York:** Ben Miller and his development team and consultants have moved his MF research project on waste management into the pre-implementation phase with funding from New York State. A pneumatic trunk tube on the underside of the High Line Park viaduct will transport separate streams of recyclables, organics, and refuse from a portion of Manhattan to rail cars that will deliver directly to processing and disposal facilities. Conway's Complete Streets design guidebook is being used in updating the New York City Street Design Manual. She has also presented seminars on this work to the Freight Advisory Committees for the Delaware Valley Regional Planning Commission and the Lehigh Valley Planning Commission. At the invitation of FHWA, Conway also served on the advisory/review committee for updating the ITE Practitioner's Guide for Implementing Context Sensitive Solutions (CSS) in Multimodal Thoroughfare Design.

**Paris:** The MF Paris team is involved in City of Paris Freight Forum initiatives. In part as a result of Dablanc's research on "instant deliveries," the City of Paris created a new group on instant delivery couriers and road safety issues. Dablanc is a founding member. The Paris Planning agency (APUR) and IFSTTAR signed a MoU to share data collected by MF members Heitz, Beziat and Launay on warehouses in the Paris region. Data was used in APUR's "Atlas of large urban functions" (<http://www.apur.org/etude/atlas-grandes-fonctions-metropolitaines>) released in June 2017. Dablanc gave testimony regarding the Paris Region's new freight master plan.

**KOTI:** Lee is a member of 3 committees that will evaluate logistics plans in 2 provinces and for new logistics parks in urban areas. Seo is a core committee member of the Korea National Logistics Policy Committee. He is a member of the Foundation of Korea Logistics Industry Promotion Board, the Korea Logistics Society, and a committee member of Jungseok Logistics Foundation. The KOTI team is very involved in urban freight practice in Korea. Hyeokku Kwon, Seo, and Lee are conducting the research portion of the Seoul Logistics Master Plan. This plan is placing heavy emphasis on sustainable urban freight. Seo and Kwon are leading "the 3<sup>rd</sup> Logistics Facilities Development Master Plan" Planning Project with the support of Korea MOLIT. It focuses on national/local development and management. Lee and Sohyeong Kim completed a project on improving parcel delivery services that will be used in developing new parcel delivery policies. Kwon is conducting a project on revitalizing urban rail infrastructure for city logistics.

**SECTION 2:****DEVIATIONS FROM THE PROJECT PLAN FOR THE REPORT PERIOD (SEPTEMBER 2016 – AUGUST 2017), AND HOW THESE HAVE BEEN MANAGED BY THE COE/PROJECT LEADERSHIP (max 1 page)**

No major deviations have taken place that changed funding levels or themes. However, several minor changes in the following research projects have occurred and five new projects have been added.

- Project 1.1e title was changed to Outsourcing in the urban freight industry (Reme, Dablanc).
- Project 1.1g title was changed to Location of warehouses and environmental justice: Evidence from four metros in California (Giuliano, Yuan).
- Project 2.1e title was changed to Improving Goods-Movement Efficiency with Load-Matching Technology (O'Brien, Steimetz).
- Project 2.1f was removed as the research merged with 1.1c (Beziat, Koning).
- Project 2.1g was removed (Beziat, Koning, Dablanc).
- Project 2.3a Diagnostic for urban goods distribution was removed (Beziat).
- Project 4.1a title was changed to Understanding freight flows in cities I; Does density crowd out freight intensive activities? (Giuliano)
- Project 4.1f Extending the Freight Atlas was removed (Rodrigue).
- Project 5.1a title was changed to Decomposing the Home-Based Delivery Supply Chain Phase 1 (Rodrigue).
- Project 5.3a title was changed to New trends in e-commerce deliveries: The Rise of 'Instant Delivery' Services in European Cities (Dablanc).

**New projects**

- Project 4.1k A new look at the environmental assessment of logistics sprawl Part 2 (Koning, Coulombel, Dablanc, Gardrat).
- Project 5.1c Characterizing Delivery and Vehicle Activity from Residential Goods Movements (Conway, Kanga).
- Project 5.1d Decomposing the Home-Based Delivery Supply Chain Phase 2 (Rodrigue).
- Project 5.3c Instant deliveries in Paris: new jobs, new issues (Dablanc, Saidi).
- Project 5.4a Delivery Workers' City Life: A Short-Film on Deliveries in New York City (Senglenski, Dablanc).

**In case the deviations have led to changes in the work plan and/or project organization for the remaining part of the CoE/project, please explain these changes here, and how they have affected the time schedule and budget for the CoE/project.**

**SECTION 3:**

**SUMMARIZED WORK PLAN FOR 2018 (max 1 page)**  
**DESCRIBE THE MAIN TARGETS AND ACTIVITIES IN THE COE/PROJECT IN 2018**

The main tasks for Year 5 extension will be 1) completing all remaining research projects; 2) extending research on Themes 4 and 5; 3) continuing education and research activities; 4) developing final products to consolidate the MF research, education and outreach accomplishments; and 5) exploring opportunities to maintain the MF center.

Completing research projects: There are 13 projects in progress. Eight are ongoing and five are new projects (4.1k, 5.1c, 5.1d, 5.3c, 5.4a). All are planned to be completed by the end of 2018. Due to space limitations we simply summarize the projects by theme. Project descriptions are available on the MetroFreight website.

Extending Themes 4 and 5: Eight of the projects are in Themes 4 and 5, as was anticipated in 2016. Freight landscape research is being extended to other metro areas and other aspects of land use. Extensions of parcel delivery work are taking place in New York, Paris, and Seoul.

Table 2: Research projects in progress (13 )

Theme	Projects
Theme 1: Role of policy from industry perspective	1.2a
Theme 2: Last mile strategies	2.1b
Theme 3: Improving passenger freight interaction	3.1a, 3.2c, 3.2e
Theme 4: Land use dynamics	4.1c, 4.1g, 4.1k
Theme 5: Changing production and consumption	5.1b 5.1c, 5.1d, 5.3c, 5.4a

Continuing education and outreach products: The urban freight graduate course curriculum will be made available on our website. The course will next be taught in 2018. Training and professional development courses, the Curriculum Guide, and the MF communications program will continue through 2018. The major 2017 event is I-NUF, to be held October 17-20 at the Hyatt Regency, Long Beach. The conference is jointly sponsored by METRANS and MF.

Final products: We are discussing special issues of journals to feature summary papers of the main MF contributions. There will be a special session at I-NUF 2017 for the same purpose. The city logistics textbook is another final product

Maintaining MF Center: The partners have agreed that MF has made significant research and education contributions, and that the network should continue. The Year 5 extension will complete all research projects. The additional funding to be provided for 2018 will support communications (website), the city logistics textbook, and other final products, and travel for one partner meeting at a major conference venue.

Table 3: Year 5 Extension Funding request

Cost Categories	Proposed	Notes on Year 5 Extension Funding Request
<b>STAFF COSTS (incl. Fringe Benefits) for USC, CCNY, CSULB, IFSTTAR, KOTI</b>	\$52,360.00	Director, Co-P.I.s, Program Administrator, Graduate student salaries
<b>MATERIALS; COURSES AND SEMINARS</b>	\$589.00	Educational, training and research supplies;
<b>TRAVEL</b>	\$2,800.00	Travel to partner meetings, TRB and I NUF
<b>TUITION AND GRA HEALTH FEES</b>	\$2,918.00	Medical health fees for GRAs
<b>UNIVERSITY OVERHEADS (F&amp;A)</b>	\$29,333.00	USC 50%
<b>TOTAL PROJECT FUNDS REQUESTED</b>	<b>\$88,000.00</b>	
<b>SEK (exchange 09/26/17 = 8.01899)</b>	<b>705,671.12</b>	

**SECTION 4:**

**FINANCIAL REPORT (max 1 page)**

Table 5: Use of Year 5 VREF Funds through June 30, 2017

Cost Categories	VREF Funds Year 5	Use	Balance to be expended through 12/31/18
STAFF COSTS (incl. Fringe Benefits) for USC, CCNY, CSULB, IFSTTAR, KOTI	\$575,219.00	\$148,823.70	\$426,395.30
MATERIALS (Includes courses, subcontracting & translation)	\$30,095.00	\$8,896.80	\$21,198.20
TRAVEL	\$25,613.00	\$7,323.90	\$18,289.10
TUITION AND GRA HEALTH FEES	\$37,336.00	\$9,450.00	\$27,886.00
UNIVERSITY OVERHEADS (F&A)	\$216,216.00	\$51,864.90	\$164,351.10
<b>TOTAL PROJECT COSTS</b>	<b>\$884,479.00</b>	<b>\$226,359.30</b>	<b>\$658,119.70</b>
SEK (exchange 09/26/17 = 8.01899)	<b>7,092,628.26</b>	<b>1,815,172.96</b>	<b>5,277,455.29</b>

Use of VREF funds includes compensation for Center Director, Co-P.I.s, research faculty, project manager, GRAs. Materials category includes translation services, purchase of research supplies, software, books, training materials and cost of conference calls. Travel includes partner meetings in Washington, D.C., Paris and California, conferences in Sweden and Chile. GRA tuition is 25% of full tuition. F&A: USC 50%; CCNY 56%, CSULB 26%, IFSTTAR 8% and KOTI 9%.

Table 6: Use of Year 5 COST SHARE Funds through June 30, 2017

Cost Categories	COST SHARE Funds Year 5	Use	Balance to be expended through 12/31/18
STAFF COSTS (incl. Fringe Benefits) for USC, CCNY, CSULB, IFSTTAR, KOTI	\$173,072.00	\$173,069.82	\$2.18
MATERIALS (includes courses, seminars)	\$10,200.00	\$9,209.18	\$990.82
TRAVEL	\$11,500.00	\$11,099.81	\$400.19
TUITION AND GRA HEALTH FEES	\$49,876.00	\$41,072.98	\$8,803.02
UNIVERSITY OVERHEADS (F&A)	\$90,466.00	\$89,490.17	\$975.83
<b>TOTAL COST SHARE</b>	<b>\$335,114.00</b>	<b>\$323,941.96</b>	<b>\$11,172.04</b>
SEK (exchange 09/26/17 = 8.01899)	<b>2,687,275.81</b>	<b>1,158,602.26</b>	<b>89,588.45</b>

MetroFreight partners cost share in compensation for Center Director, Co-P.I.s, researchers, project manager, and supplement travel costs to all partner meetings in U.S.A., Europe and Asia. MF partners host seminars and training courses in their respective areas. 75% of GRA tuition sponsored by university partners. All direct costs incur full university overhead costs.

## SECTION 5:

## LIST OF SELECTED PUBLICATIONS AND OTHER DISSEMINATION DELIVERABLES (max 2 pages, Reporting Period September 2016 – August 2017)

Due to space limitations we list here only the full list of peer reviewed publications, published or submitted. A short selection of book chapters and other publications are listed at the bottom of the second page.

**Peer reviewed, published or forthcoming**

- Beziat, A., M. Koning, and F. Toilier (2017) Marginal congestion costs in the case of multi-class traffic: a macroscopic assessment for the Paris region, *Transport Policy*, forthcoming.
- Camilleri, P., and L. Dablanc (2017) An assessment of present and future competitiveness of electric commercial vans, *Journal of Earth Sciences and Geotechnical Engineering* 7(1), 337-364.
- Chen, Q., A. Conway, and J. Cheng (2016) Parking for Residential Delivery in New York City: Regulations and Behavior, *Transport Policy*, 54, 53–60.
- Dablanc, L., E. Morganti, N. Arvidsson, J. Woxenius, M. Browne, and N. Saidi (2017) The Rise of On-Demand 'Instant Deliveries' in European Cities, *Supply Chain Forum – an International Journal*, forthcoming.
- Fu, L., and M. M. Dessouky (2017) Algorithms for a Special Class of State-Dependent Shortest Path Problems with an Application to the Train Routing Problem, *Journal of Scheduling*, forthcoming.
- Fu, L., and M. M. Dessouky (2017) Models and Algorithms for Dynamic Headway Control for Rail Operations, *Computers & Industrial Engineering*, 103, 271-281.
- Giuliano, G., S. Kang, and J. Yuan (2017) Using proxies to describe the metropolitan freight landscape, *Urban Studies*, online first 2/17.
- Heitz A., and J. Debrie (2017) La question logistique dans l'aménagement de l'Ile-de-France: formulation d'un enjeu métropolitain vs. absence de concrétisation dans les projets urbains? *Géographie, Economie et Société*, 19(1), 55-74.
- Heitz, A., L. Dablanc, and L. Tavasszy (2017) Logistics sprawl in monocentric and polycentric metropolitan areas: the cases of Paris, France, and the Randstad, the Netherlands, *Region, the Journal of ERSA*, 4(1), 93-107.
- Heitz A., P. Launay, and A. Beziat (2017) Rethinking data collection on logistics facilities: a new approach for measuring the location of warehouses and terminals in metropolitan areas, *Transportation Research Record: Journal of the Transportation Research Board*, 2609, Freight systems 1.
- Knatz, G. (2017) How competition is driving change in port governance, strategic decision-making and government policy in the United States, *Research in Transportation Business & Management*, 22, 67-77.
- Kwon, H., and M. Chae (2016) Business Models and Policy Directions of Joint Logistics Projects Funded by Government, *Transportation Technology and Policy*, 13 (3), 28-35.
- Kwon, Hyeokku (2016), Development and Logistics Competitiveness of the e-Logis Town, *Transportation Technology and Policy*, 13 (3), 36-42.
- Motte-Baumvol, B., L. Belton-Chevallier, L. Dablanc, E. Morganti, and C. Belin-Munier (2017) Spatial dimension of e-shopping in France, *Asian Transport Studies*, 4(3), 585-600.
- Rodrigue, J-P (2017) The Governance of Intermediacy: The Insertion of Panama in the Global Liner Shipping Network, *Research in Transportation Business and Management*, 22, 21-26.
- Rodrigue, J-P, L. Dablanc, and G. Giuliano (2017) The Freight Landscape: Convergence and Divergence in Urban Freight Distribution, *Journal of Transport and Land Use*, 10(1), 557-572.
- Witte, P., B. Wiegman and J-P Rodrigue (2017) Competition or Complementarity in European Inland Port Development: A Case of Overproximity?, *Journal of Transport Geography*, 60, 80-88.
- Zhang, Y., and P. A. Ioannou (2017) Combined Variable Speed Limit and Lane Change Control for Highway Traffic, in *IEEE Transactions on Intelligent Transportation Systems*, 18(7), 1812-1823.

### Peer reviewed publications, submitted

- Behrends, S., and J-P Rodrigue (2017) The Dualism of Urban Freight Distribution: City vs. Suburban Logistics, *Transport Policy*, in review.
- Chen, Q., and A. Conway (2017) Residential Delivery Activity in New York City: Parking Behavior and Impacts, *Transportation Letters*, in review.
- Ehrler, V., and P. Camilleri (2017) Optimising the acceptance of electric vehicles for urban logistics with evidence from France and Germany, *Recherche Transports Sécurité*, in review.
- Escand, P., Q. Chen, and A. Conway (2017) Parking Conditions for Residential Delivery in New York City: A Case Study Analysis, *Transportation Research Record: Journal of the Transportation Research Board*, in review.
- Giuliano, G., and S. Kang (2017) Spatial dynamics of the logistics industry: Evidence from California, *Journal of Transport Geography*, in review.
- Giuliano, G., Q. Yuan, and R. Zhang (2018) Estimation of freight impacts on the transport system: a new methodology, *Transportation Research Board Annual Meeting and Transportation Research Record*, in review.
- Kang, S. (2017) Why do warehouses decentralize more in certain metropolitan areas? *Journal of Transportation Geography*, in review.
- Kang, S. (2017) Warehouse location choice: A case study in Los Angeles, CA., *Transportation Letters*, in review.
- Lamondia, J., A. Conway, C. Brakewood, M. Moore, B. Bacon, and T. Gajkowski (2016) Modeling Intersection Delay of Cyclists, Personal Vehicles and Urban Freight Induced by Bike Boxes, *ASCE Journal of Transportation Engineering*, in review.
- Lavissière, A., and J-P Rodrigue (2017) Free Ports: Towards a Network of Trade Gateways, *Journal of Shipping and Trade*, in review.
- Salas, J., Q. Chen, and A. Conway (2017) Food Deliveries to Residential Buildings in New York City: An Assessment of Delivery Characteristics, *Transportation Research Record: Journal of the Transportation Research Board*, in review.
- Yuan, Q. (2017) Environmental justice in warehousing location: State of the art, *Journal of Planning Literature*, under review.
- Yuan, Q. (2017) Location of warehouses and environmental justice, *Journal of Planning Research and Education*, under review.

### Other Scientific Publications

- Dablanc, L. (2017) City Logistics, *The Wiley-AAG International Encyclopedia of Geography: People, the Earth, Environment, and Technology*, DOI: 10.1002/9781118786352.
- Dablanc, L., and J-P Rodrigue (2017) Urban Freight Distribution: a Global Typology, in G. Giuliano and S. Hanson (Eds.) *The Geography of Urban Transportation*, 4<sup>th</sup> Edition, New York: The Guilford Press, 34-56.
- Hancock, K. (ed) *Transportation Research Circular E-C223: Innovations in Freight Data*, Transportation Research Board of the National Academies of Science, Engineering, and Medicine, Washington, DC. Available from: <http://onlinepubs.trb.org/onlinepubs/circulars/ec223.pdf>.
- Rodrigue, J-P (2017) Transportation and the Internet, B. Warf (ed), *The SAGE Encyclopedia of the Internet*, London: SAGE, forthcoming.