

David Guerrero, Ph. D

Professional Address

Ifsttar, Bureau B209
14-20 bd Newton
77447 Marne-la-Vallée, France
+33 180 668 790

Permanent Address

3 pl Souham
75013 Paris, France

PERSONAL INFORMATION

Birth: December 10, 1980, in Santiago de Compostela (Spain)
Citizenship: French, Spanish

ACADEMIC CREDENTIALS

<i>PhD.</i> , Economic Geography	Université Paris 7 - Paris Diderot	2005-2010
<i>MSc.</i> , Geography	Université Paris 1 - Panthéon Sorbonne	2004-2005
<i>MSc.</i> , Transport	Université Paris 12, ENPC Paris Tech	2003-2004
<i>B.A.</i> , Geography	Université de Nantes	1999-2002

CAREER HISTORY

Ifsttar, French institute of research in transport, development and networks <i>Research Fellow</i>	2011 - present
French Prime Minister, Spatial Planning Agency, Datar <i>Project Manager</i>	2010 - 2011
Université Paris 7 - Paris Diderot <i>Lecturer</i>	2008 - 2010

VISITING ACADEMIC POSITIONS

Kwansei Gakuin University (Japan)

<i>Visiting Professor</i>	Spring Semester 2019
<i>Visiting Professor</i>	Spring Semester 2017
<i>Visiting Research Fellow</i>	May - June 2015

RESEARCH INTEREST

My research sets out to understand the relationships between production systems and transportation, with particular focus on spatial issues. This leads me to develop two parallel axes respectively focusing: (a) on the spatial organization of freight flows between places (ports, cities & regions), and, (b) on the individual choices of shippers and carriers within the context of global supply chains.

Keywords: freight, port, urban system, global supply chain.

Last update: November 11, 2021

SKILLS

- Languages: Spanish (mother tongue), French (fluent), English (fluent), Japanese (beginner)
- Software: Sas, L^AT_EX, Qgis

MEMBERSHIPS, HONORS & GRANTS

- Visiting Professorship (One Semester) at Kwansei Gakuin University, Japan (2017 and 2019)
- High distinction from Ph. D thesis jury - "very honorable and highly commended, dissertation" (2010)
- Inrets PhD Grant (2005-2008)
- Member of the International Association of Maritime Economists (IAME) (since 2012)

EDITORSHIP OF SCHOLARLY JOURNALS

[ED1] Guest Editor, European Journal of Transport and Infrastructure Research 16(1) 1-94, special issue's theme: 'Data-driven innovations in policy-oriented freight transport models and planning methods' (co-edited with J. Gonzalez-Feliu and A. Goodchild), TU Delft.

SCHOLARLY JOURNAL PAPERS (PEER-REVIEWED)

[JP17] Guerrero, D., Letrouit L., Pais-Montes, C. (2021). The container transport system during Covid-19: An analysis through the prism of complex networks. *Transport Policy*.
<https://doi.org/10.1016/j.tranpol.2021.10.021>

[JP16] Guerrero, D., Nierat, P., Thill, J.-C., Cohen, E. (2021) Visualizing maritime connectivity at national level: the case of LSBCI links of West European countries, *Case Studies on Transport Policy*.
<https://doi.org/10.1016/j.cstp.2021.10.001>

[JP15] Guerrero, D., Thill, J.-C. (2021) Challenging the shipper's location problem in port studies: An analysis of French AOC wine shipments to the US, *Journal of Transport Geography*.
<https://doi.org/10.1016/j.jtrangeo.2021.102986>

[JP14] Ito, H., Guerrero, D. (2020) Investigating Variations in the Deep-sea Sourcing Strategies of Car Manufacturers: Two Case studies of parts consolidation centers in Japan, *Case Studies on Transport Policy*, 8, 2.

[JP13] Guerrero, D. (2019) Impacts of transport connections on port hinterlands, *Regional Studies*, 53, 4.

[JP12] Guerrero, D., González-Laxe, F., Freire-Seoane, M.-J., Pais-Montes, C. (2018) Inland accessibility and foreland specialization of European regions, *International Journal of Transport Economics*, 18,3.

[JP11] Guerrero, D., Ito, H. (2017) Ports, regions & manufacturing systems: Automobile manufacturing in Kyushu, Japan, *Case Studies on Transport Policy*, 5, 2.

[JP10] Guerrero, D., Proulhac, L. (2016) La dynamique spatiale des activités logistiques dans les aires urbaines françaises, *Cybergeo*, document 773.
<https://doi.org/10.4000/cybergeo.27517>

- [JP9] Guerrero, D., González-Laxe, F., Freire-Seoane, M.-J., Pais-Montes, C. (2015) A geographical analysis of the relationship between inland accessibility and maritime transport supply, *Région et développement*, 41.
- [JP8] Pistre, P., Commenges, H., Guerrero, D., Proulhac, L.(2015) Définitions opérationnelles du temps pour l'analyse des données longitudinales : exemplifications dans le champ des mobilités spatiales, *Nouvelles Perspectives en Sciences Sociales*, 10, 2.
- [JP7] Guerrero, D., Proulhac, L. (2014) La périurbanisation logistique dans les aires urbaines françaises, *Reflets et Perspectives de la Vie Economique*, 54.
- [JP6] Guerrero, D., Proulhac, L., Niérat, P. (2014) Supplying cities from abroad: The geography of inter-urban freight flows, *Supply Chain Forum: An International Journal*, 15.
- [JP5] Guerrero, D. (2014) Deep-sea hinterlands: Some empirical evidence of the spatial impact of containerization, *Journal of Transport Geography*, 35.
- [JP4] Guerrero, D., Proulhac L. (2014) Freight Flows and Urban Hierarchy, *Research in Transportation Business & Management*, 11.
- [JP3] Guerrero, D., Rodrigue, J.-P. (2014) The Waves of Containerization: Shifts in Global Maritime Transportation, *Journal of Transport Geography*, 34.
- [JP2] Debie, J., Guerrero, D. (2008) (Re)spatialiser la question portuaire: pour une lecture géographique des arrière-pays européens, *L'Espace Géographique*, 1, 37.
- [JP1] Debie, J., Guerrero, D. (2006) Introducción a la lectura geográfica de un hinterland portuario, *Boletín de la Asociación de Geógrafos Españoles* 42.

BOOK CHAPTERS

- [BC10] Guerrero, D., Pais-Montes, C. (2021) Hinterland. *The International Encyclopedia of Geography: People, the Earth, Environment, and Technology*, Wiley
- [BC9] Guerrero, D. (2020) A global analysis of hinterlands from a European perspective, in Shibasaki, R., Kato, H., Ducruet, C. (ed.), *Global Logistics Network Modelling and Policy: Quantification and Analysis for International Freight*, Elsevier, Amsterdam, 31-46
- [BC8] Guerrero, D., González-Laxe, F., Freire-Seoane, M.-J., Pais-Montes, C. (2017) Explaining the foreland mix of ports with inland accessibility. The case of European NUTS-3 regions, in Ducruet, C. (ed.), *Advances in Shipping Data Analysis and Modeling. Tracking and Mapping Maritime Flows in the Age of Big Data*, Routledge, Oxford.
- [BC7] Guerrero, D., Grasland, C. & Ducruet, C. (2015) Explaining international trade flows with shipping-based distances, in Ducruet, C. (ed.), *Shipping Networks*, Routledge, Oxford.
- [BC6] Guerrero, D., Proulhac (2015) La périurbanisation des activités logistiques dans les aires urbaines françaises, in Pumain, D. et Mattei, M.-F. (dir.), *Données urbaines*, 7, Anthropos-Economica, Paris.
- [BC5] Dablanc, L., Guerrero, D., Proulhac, L., Rodrigue, J.-P. (2015) La méga-région: nouvelle échelle de référence de la métropole logistique, in Dablanc, L. et Frémont, A. (dir.) *La métropole logistique*, Armand Colin, Paris.

[BC4] Guerrero, D. (2014) Transports internationaux, in Bost et al. (dir.) Images Economiques du Monde, Armand Colin, Paris.

[BC3] Guerrero, D. (2013) Transports internationaux, in Bost et al.(dir.) Images Economiques du Monde, Armand Colin, Paris.

[BC2] Guerrero, D. (2012) Services à la population, accessibilité et cohésion territoriale, in Rapport de l'Observatoire des territoires au parlement. Dynamiques, interdépendance et cohésion des territoires, Datar, La Documentation Française, Paris.

[BC1] Guerrero, D. (2012) Défis et cohésion des espaces français : Interdépendance et cohésion des espaces a différentes échelles, in Rapport de l'Observatoire des territoires au parlement. Dynamiques, interdépendance et cohésion des territoires, Datar, La Documentation Française, Paris.

BOOK REVIEWS

[BR2] Murard, L., Fourquet, F., & Arrou-Vignod, M. (2004). La naissance des villes nouvelles: anatomie d'une décision, 1961-1969. Presses Ponts et Chaussées, published in Les Cafés géographiques (in French).

[BR1] Raffestin, C. (1980). Pour une gographie du pouvoir. Litec. published in Les Cafés géographiques (in French).

PROFESSIONAL ARTICLES

[PP1] Niérat P. , Guerrero D. (2019) UNCTAD maritime connectivity indicators: review, critique and proposal. UNCTAD Transport and Trade Facilitation Newsletter 42-84.

SELECTED CONFERENCE PROCEEDINGS

[CP10] Guerrero, D., Letrouit, L., Pais-Montes, C. (2021) The container transport system during Covid-19: An analysis through the prism of complex networks. IAME Conference, Rotterdam, 25-27 November.

[CP9] Guerrero, D., Nirat, P., Thill J.-C., Cohen, E. (2021) Shifting proximities. Visualizing the maritime connectivity at the level of African countries and its recent change (2012/2020). IAME Conference, Rotterdam, 25-27 November.

[CP8] Guerrero, D., Nirat, P., Thill J.-C., Cohen, E. (2021) Visualizing maritime connectivity at national level: the case of LSBCI links of West European countries.WCTR-SIG2 Conference, Antwerp, 5-7 May.

[CP7] Guerrero, D., Pais-Montes, C. (2019) Containership sizes and port efficiency: effects on laytime efficiency of the mega-ships race, World of Shipping Portugal, An International Research Conference on Maritime Affairs, Lisbon, 21 - 22 November.

[CP6] Guerrero, D., Ito,H., Tsubota, K. (2019) Freight rates up and down the urban hierarchy, ERSA Conference, Lyon, France.

[CP5] Guerrero, D., Thill, J.-C. (2018) A disaggregate analysis of routing decisions on deep-sea transport chains: The case of containerized shipments of French wines and spirits to the US, Wctrs-Sig2 Conference, Antwerp, Belgium.

[CP4] Toutain, L., Colautti, A., Guerrero, D. (2017) Challenges and opportunities for secondary ports in a context of crisis of the liner industry. International Association of Maritime Economists Conference, Kyoto, Japan.

[CP3] Guerrero, Gonzalez Laxe, F., Freire Seoane, M.J., Pais Montes, C. (2017) A geographical analysis of the relationship between inland accessibility and maritime transport supply. International Association of Maritime Economists Conference, Kyoto, Japan.

[CP2] Guerrero, D., Ito, H. (2017) Logistics and the globalization of automotive industry. Conference of the Institute of Australian Geographers, Brisbane, Australia.

[CP1] Guerrero, D., Ito, H., Tsubota, K. (2017) Freight transport and urban hierarchy in France and in Japan, Pacific Regional Science Conference, Tainan, Taiwan.

PH. D THESIS

[PHD] Guerrero, D. (2010) Les aires d'influence des ports de la France : Entre réseau et gravitation, Université Paris 7 - Paris Diderot, 326 p.

FUNDED ACADEMIC PROJECTS

[As Principal Investigator] **ANR I-Site Future** (2021) Logistics and the expansion of the automotive GPNs in Eastern Asia.

[As Co-Investigator] **AFD (France)** (2016-2017) Hubs & spokes networks on freight transport.

[As Principal Investigator] **Sefacil Foundation (France)** (2016-2017) Deep Sea Sourcing

[As Principal Investigator] **Ifsttar (France)** (2015-2016) The role of ports in the automotive supply chain.

[As Principal Investigator] **Port Authority of Marseilles (France)** (2014-2015) Quantitative analysis of the hinterland of Marseilles.

[As Co-Investigator] **Kwansei Gakuin University** (2015) Port traffic and regional economic structure.

[As Co-Investigator] **Ministry of Transport (France)** (2011-2013) An analysis of urban goods movements using shippers' surveys.

INVITED SPEECHES

[2017] **IDE-JETRO (Tokyo, Japan)** Freight and urban hierarchy. Some evidence from Shippers' surveys.

[2017] **Japan Society of Transportation Economics (Osaka, Japan)** The hierarchy of freight flows.

[2014] **French Ministry of Transport (Paris, France)** The role of ports in the automotive supply chain.

[2014] **Transport Geography Group, RGS (London, UK)** An inter-urban approach of freight flows.

[2013] **Institute of Maritime Studies (Spain)** The hinterlands of French ports.

[2012] **French Ministry of Transport (La Défense, France)** The hinterlands of French ports

[2009] **University of Antwerp (Belgium)** Quantitative analysis of the hinterlands of French ports.

ACADEMIC SERVICES

(since 2012) Organizer. **Emar seminar on ports and maritime transport**, Paris.

(2013) Co-organizer. **International Association of Maritime Economists Conference**, Marseilles.

(2011-2014) Coordinator. **French Shippers' Survey**.

ESTEEM INDICATORS

Review Editor. **Frontiers in Future Transportation: Freight transport and logistics**.

Invited Reviewer for Leading Scholarly Journals. **Transportation Research Part A & Part E, Journal of Transport Geography, European Journal of Transport and Infrastructure Research, Maritime Policy & Management, International Journal of Transport Economics, Cities, Transport Policy, Papers in Regional Science**.

Invited Reviewer for International Conferences in Transport & Logistics. **World Conference on Transport Research** (2013), **International Association of Maritime Economists** (2012-2017).

POSTGRADUATE TEACHING EXPERIENCES

[PT9] Université du Djibouti (Djibouti) *Master International Transport and Logistics Strategies* (2019-) **Maritime transport economics**.

[PT8] Université Paris 1 Panthéon Sorbonne (Sofia, Bulgaria) *Master International Transport* (2019-) **Maritime transport economics**.

[PT7] Lettres Sorbonne Université (Paris, France) *Master International Transport and Logistics* (2018-2019) **Freight transport and globalization**.

[PT6] Institut Catholique des Arts et Métiers (Paris, France) *General Engineering* (2017-) **The geography of freight transport**.

[PT5] Université Paris 1 Panthéon Sorbonne (Paris, France) *Master International Transport* (2017-) **Research methodology on Maritime transport studies**.

[PT4] ENSTA Paris Tech (Paris, France) *Maritime Engineering* (2017-) **TA20 Activities and economy of trade ports** and **EA325 Maritime Economics**.

[PT3] Université de Bourgogne (Dijon, France) *Master of Planning* (2014-2015) **Geography of maritime transport and ports**.

[PT2] Universidad de A Coruña (A Coruña, Spain) *Master of Science in Maritime Engineering* (2013-2014) **The hinterlands of French ports**.

[PT1] ENPC Paris Tech (Paris, France) *Master of Civil Engineering* (2011-2012) **Spatial interaction models applied to freight flows between ports and regions**.

UNDERGRADUATE TEACHING EXPERIENCES

- [UT10] Ecole Supérieure des Transports (Paris, France) (In French) *Manager Transport et Logistique* (2010-2015) **Transport geography.**
- [UT9] Kwansai Gakuin University (Nishinomiya, Japan) (In English) *School of Business Administration* (2017-2018) **An introduction to transport geography.**
- [UT8] Kwansai Gakuin University (Nishinomiya, Japan) (In English) *School of Business Administration* (2017-2018) **The globalization of freight transport: ports, containers and territories.**
- [UT7] Neoma Business School (Rouen, France) (In French) *B.A. Business* (2013-2015) **Transport geography.**
- [UT6] Université Paris 7 - Paris Diderot (Paris, France) (In French) *B.A. Geography* (2009-2010) **Geography of urban-rural relationships.**
- [UT5] Université Paris 7 - Paris Diderot (Paris, France) (In French) *B.A. Geography* (2008-2010) **Statistics and cartography.**
- [UT4] Université Paris 7 - Paris Diderot (Paris, France) (In French) *B.A. Geography* (2006-2010) **Epistemology of geography.**
- [UT3] Université Paris 7 - Paris Diderot (Paris, France) (In French) *B.A. Geography* (2006-2010) **An introduction to Economic geography.**
- [UT2] Université d'Evry - Val d'Essonne (Paris, France) (In French) *B.A. History* (2007-2008) **Regional geography of France.**
- [UT1] Université d'Evry - Val d'Essonne (Paris, France) (In French) *B.A. Business and Management* (2007-2008) **Demography and planning.**

GRADUATE STUDENT SUPERVISIONS

- [GS9] Ha, N. (2021) (In French) **Assessment of Port performance from a shippers' perspective: The case of West Africa**, *Master International Transport*, Université Paris 1 Panthéon Sorbonne, Paris, France.
- [GS8] Verdure, M. (2021) (In French) **Financial contribution of maritime transport to maritime safety policies**, *Master International Transport*, Université Paris 1 Panthéon Sorbonne, Paris, France.
- [GS7] Verdure, M. (2021) (In French) **Financial contribution of maritime transport to maritime safety policies**, *Master International Transport*, Université Paris 1 Panthéon Sorbonne, Paris, France.
- [GS6] Cathelineau, A., Obono, C., Delamare, J., Venet, J., De Vallavieille, M., Ha, N. Gawron, P. (2021) (In French) **The uncertain future of sea passenger transport: Reflections on West Med at the age of Covid**, *Master International Transport*, Université Paris 1 Panthéon Sorbonne, Paris, France.
- [GS5] Guissé, A.M. (2020) (In French) **Co-financing seaport and land transport infrastructure in West Africa**, *Engineer Internship*, ENPC Paris Tech, Paris, France.
- [GS4] Massot, A., Senina, E., Kaliche, H., Colani, E., Marechal, C. (2020) (In French) **The role of seaports in the ecological transition of maritime transport**, *Master International Transport*, Université Paris

1 Panthéon Sorbonne, Paris, France.

[GS3] Duvault, L., Escobar, V., Jerphanion, C., Goubet, E., Goundourou, M., Tintorri, J. (2019) (In French) **Maritime transport and geopolitics in African ports**, *Master International Transport*, Université Paris 1 Panthéon Sorbonne, Paris, France.

[GS2] Serna, C. (2018) (In French) **Management of container vessel slots for highly seasonal goods**, *Master International Transport*, Université Paris 1 Panthéon Sorbonne, Paris, France.

[GS1] Abouchama, R., Debreil A., Duranteau, S., Fildier Q, Ismael, S., Noiro, F, Serna C. (2018) (In French) **Women Seafarers in France**, *Master International Transport*, Université Paris 1 Panthéon Sorbonne, Paris, France.

UNDERGRADUATE STUDENT SUPERVISIONS

[US15] Telouani, A. (2021) (In French) **The Tanger-Med port: Does it provide an adequate response to the needs of Moroccan shippers?**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US14] Charpentier, B. (2021) (In French) **Milk-run deliveries under controlled temperature conditions: a suboptimal organization?**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US13] Goudouneix, C. (2018) (In French) **Logistics risks in the automotive supply chain**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US12] Charbonneau, S. (2018) (In French) **The logistics of wine exports from France to the US**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US11] Antonin, K. (2018) (In French) **An analysis of the variations in freight rates on East-West containerized trade**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US10] Alapetite, G. (2018) (In French) **The port of Le Havre**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US9] Martin, T. (2018) (In French) **An analysis of maritime connectivity of African countries**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US8] Lebaupin, A. (2017) (In French) **Logistics strategies of part suppliers in the automotive industry**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US7] Moquet, C. (2017) (In French) **How freight forwarders do differentiate in a context of increasing price competition? A comparison between DB Schenker and Kühne & Nägel**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US6] Menant, M. (2016) (In French) **Dynamics of real state in logistics in Eastern France**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US6] Toutain, L. (2016) (In French) **Challenges and opportunities the port of Le Havre within the context of crisis of liner shipping**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US5] Colautti, M. (2015) (In French) **Is Home delivery called to become the future dominant**

model of fresh food distribution?, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US4] Fridjat, C. (2015) (In French) **Management of disruptions in the automotive supply chain**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US3] Guez, V. (2014) (In French) **Returnable packaging in the automotive supply chain**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US2] Cabrol, M. (2014) (In French) **Logistic pooling in the wine sector**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.

[US1] Avogadro, A. (2013) (In French) **Potential improvements of the wine supply chain**, *Manager Transport et Logistique*, Ecole Supérieure des Transports, Paris, France.