

LOURDES TRUJILLO

Lourdes Trujillo (Female, Prof. Dr.) is a Professor of the University of Las Palmas de Gran Canaria, Spain. She holds several degrees in Economics and Education including a MBA and a PhD in Economics and she is a member of the **Economics of Infrastructure and Transport Research Group (EIT)**. She teaches in undergraduate and graduate (including Master and PhD) courses regarding the productivity and efficiency measurement for utilities and transport. She has consulted for the Canary Islands Regional Government, Spanish government, BBVA Foundation, the European Commission, the OECD, the African Development Bank, the Inter-American Development Bank and the World Bank. Her areas of specialization include pricing theory, efficiency measurement, and demand forecasting and regulatory design for infrastructure industries. She has recently published in Transportation, World Development, Transport Policy, Utility Policy, Applied Economics, Transport Research, Journal of Transport Economics and Policy and she also has published books and chapter of books about port and maritime economics.

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Education

- **Ph.D.** (1993) in Economics, Universidad de Las Palmas de Gran Canaria, Spain.
- **MBA** (1986), Instituto de Empresa de Madrid, Spain.
- **BA** (1985) in Economics and Business, Universidad Complutense de Madrid, Spain.
- **BA** (1980) in Education, Universidad de la Laguna, Spain.

Current Position

- Professor of Applied Economics, Universidad de Las Palmas de Gran Canaria.

Previous Positions

- Lecturer in Microeconomics (1988-97).
- Auditor in consulting company in Gran Canaria (1988-2008).
- Financial Director, DIATA, an Import-Export company based in Gran Canaria (1986-89).

Visiting professor Appointments

- **Visiting Professor**, University College of London, UK, 2007-2008.
- **Visiting Professor**, City University London, UK, 2006 -2007.
- **Visiting Scholar**, World Bank Institute, 2001.
- **Visiting Scholar**, George Washington University, USA, 2001.

Teaching experience

- **Universidad de Barcelona**, MSc, Ports Economic.
- **Universidad de Las Palmas de Gran Canaria**, BSc, Microeconomics and Macroeconomics.
- **Universidad de Las Palmas de Gran Canaria**, MBA, Efficiency measures.
- **Universidad de La Laguna**, BSc, Microeconomics and Macroeconomics.

Current Policy Research

- Maritime transport and port economic.
- Water and transport pricing and forecasting.
- The measure of capital in regulated network industries.
- The measure of efficiency in regulated network industries.
- Modelling multi-output cost functions in the transport sector.
- Analysis of public expenditure efficiency in developing countries.

Other professional activities

- Member of Cluster Canario de Transporte y Logística.
- Member of the Advisory Board, Journal of Utilities Policy (current) and Journal Competition and Regulation in Network Industries (current).
- Member of International Association of Maritime Economists (IAME).
- Reviewer for the Economía Mundial; Energy Journal; Environmental and Planning; International Journal of Industrial Organization; Journal of Development Economics; Journal of Network Industries; Utilities Policy; World Development; CENTRA: Fundación Centro de Estudios Andaluces; FUNCAS: Fundación de las Cajas de Ahorro; ANEP; Revista de Estudios Regionales; Transportation; Transport Policy; Transport Research; Journal of Maritime Economic and Management; Journal of Transport Economic and Policy; Journal of Maritime Economics & Logistics, etc.

Guest editor of Scientific Journals

- *Utilities Policy*, Editorial Board (2006-present).
- *Utilities Policy*, Special Issue on Corruption y Infrastructure, Editorial Board.
- *Journal of Competition y Regulation in Network Industries* (2007-present).

Research projects (selected)

- *Retos para los puertos y el transporte marítimo en España y en Europa: un análisis económico*. Ministerio de Economía y Competitividad, 2016-2018 (with M. González, C. Manrique de Lara, J. Campos, I. Aguiar, V. Ruiz, J.M. Grisolia and A. Camarero).
- *Business models for enhancing funding and enabling financing of infrastructure in transport (BENEFIT)*. European Commission, Horizon 2020. 2014-2016 (with J. Campos, M. González, C. Manrique de Lara, A. Suárez-Alemán and M. Cabrera).
- *Autopistas del mar en la Unión Europea: análisis económico de los puertos que la integran*, Ministerio de Ciencia e Innovación, 2011-2013 (with M. González, J.L. Jiménez and A. Suarez -Alemán).
- *COST Action TU1001 Public Private Partnerships in Transport: Trends & Theory. European Union 2010-2014. Participant* (with A. Roumboutsos (IP) and A. Suarez-Alemán).
- *Eficiencia de las empresas de agua de Canarias*, Gobierno de Canarias, 2011-2012 (with M. González (IP) y A. Higuerey).
- *Desarrollo de los puertos africanos: Amenazas y oportunidades para los puertos canarios*, Gobierno de Canarias, 2009-2010 (with M. González y J.L. Jiménez).
- *Eficiencia y regulación de los puertos en la Unión Europea: intermodalidad e integración en la red de transporte europea*, Ministerio de Educación y Ciencias. Dirección General de Investigación, 2007-2010 (with B. Tovar, M. González, J. Stern y A. Gómez-Lobo).
- *Análisis de la eficiencia de los servicios de infraestructura portuaria en España: una aplicación al tráfico de contenedores*, Gobierno de Canarias, 2003 (with M. González).
- *Estudio de la demanda de transporte en el trayecto Gran Canaria–Tenerife aplicación de modelos de elección discreta*, La evaluación de los efectos de la competencia”. Gobierno de Canarias, 2000–2002 (with J.M. Grisolia).
- *Yardstick competition across ports*, Research Grant World Bank, 1999-2002 (with M. González).
- *Estimación de una función de costes multiproductiva para el servicio de manipulación de mercancías general en terminales portuarias. El caso del Puerto de La Luz y Las Palmas*, Gobierno de Canarias, 2000 – 2002 (with B. Tovar).

Consultancy projects (selected)

- *Chair “Marítimo-Marina”*, Astilleros Canarios (ASTICAN), from 2018 (with (with I. Aguiar, J. Campos, M. Chica, M. González, M. Herrera, C. Manrique, A. Martínez-López., I. Pérez., V. Ruiz and D. Santos).
- *Chair “FEET”*. Federación de Empresarios de Transporte, from 2018 (with O. Betancor, J. Campos, J.L. Eugenio, F. Inchausti, I. Pérez and P. Socorro).
- *Valoración económica de la ampliación del Puerto de Agaete*. UTE Puerto Agaete, 2018-2019 (with J. Campos, J.M. Grisolia and I. Pérez).

- *Estudio de Tarifas de los Puertos Canarios: Diagnósis y análisis*. Puertos Canarios, 2016-2017 (with A. Martínez-López and I. Pérez).
- *Consultancy Services for a performance assessment of the port sector in East Africa*. World Bank, 2017-2018 (with I. Aguiar, D. Castillo, M. Chica, M. González, J.J. Hernández, A. López, J. Lorenzo, J.L. Jiménez, A. Martínez-López., I. Pérez. and V. Ruiz).
- *Refuerzo de las capacidades institucionales del M° de Transporte para el desarrollo de un Puerto de Gran Escala*. Banco Interamericano de Desarrollo, 2015-2016 (with M. González, C. Manrique de Lara, D. Santos, A. Martínez, M. Herrera, J. Pérez, J.M. Grisolia, I. Pérez and F. Inchausti).
- *Estudio de impacto económico de la consignación y la estiba del Puerto de Las Palmas*, Asociación de Consignatarios y Estibadores de Buques de Las Palmas, 2011-2012.
- *Benchmarking in Asian Ports*. Internacional Bank for Reconstruction and Development (World Bank), 2014 (with A. Suarez-Alemán).
- *Regional Connectivity in LAC (RG-PI464)*. Inter-American Development Bank (IDB), 2012-2013 (with M. Herrera, I. Pérez y A. Suárez-Alemán).
- *Estudio de costes y beneficios del servicio de transbordo del Puerto de Las Palmas*, Puertos de Las Palmas, 2011-2012.
- *Benchmarking in Asian Ports*, Internacional Bank for Reconstruction and Development (World Bank), 2013.
- *Benchmarking in African Ports*, African Development Bank (ADB), 2009.
- *Benchmarking in Latin American Ports*, Internacional Bank for Reconstruction and Development (World Bank), 2009.
- *Reform Options for Uruguay's port*, Internacional Bank for Reconstruction and Development (World Bank), 2007 (with Tovar, B.).
- *Private Sector Participation and Efficiency in the Water Sector*, Research Grant World Bank, 2007-2010 (with M. Rossi).
- *Lessons for Developing Countries*, Internacional Bank for Reconstruction and Development (World Bank), 2006-2007.
- *Economic efficiency of Africa's Electricity Distribution Companies*, Internacional Bank for Reconstruction and Development (World Bank), 2006-2007 (with Tovar, B).
- *Utilities Reform and Corruption in Developing Countries*, Research Grant World Bank, 2006 (with A. Goicochea).
- *Government Expenditures on Education, Health y Infrastructure: a naïve look at levels, outcomes and efficiency*, Internacional Bank for Reconstruction y Development (World Bank), 2006 (with González, M.).
- *Closing the Gender Education Gap as a Sound Fiscal Policy*, Internacional Bank for Reconstruction and Development (World Bank), 2006 (with González, M.).
- *Regulatory y Institutional Lessons for Developing Countries of Decentralized European Port Management*, Research Grant World Bank, 2005-2007 (with M. González).
- *Source of efficiency gains in port reform: A DEA decomposition of a Malmquist TFP index for Mexico*, Economic Development Institute. (World Bank), 2003-2004 (with González, M.).
- *An evaluation of Argentina's port reforms*". Internacional Bank for Reconstruction y Development (World Bank), 2001-2003 (with Campos, J).
- *An Evaluation of Argentina's railways reforms*". Economic Development Institute. (World Bank), 2001-2003 (with González, M.).

- *Privatization and Regulation of Transport Infrastructures* Economic Development Institute. (World Bank), 1998-1999 (with De Rus, G., Betancor, O., Campos, J., Martín, J.C., Nombela, G., Rendeiro, R., Romero, R., Matas, A. and Cantos, P.)
- *Estudio sobre la estructura de costes y tarifas empresariales máximas por servicios portuarios*. Autoridad portuaria de Las Palmas, 1996 (with González, M. and Tovar, B.).
- *Costes portuarios: el caso de la flota congeladora de cefalópodos con base en el Puerto de la Luz y de Las Palmas*. Autoridad portuaria de Las Palmas, 1995 (with Tovar, B. and González, M.).
- *Estimación de la actividad económica y estructura de costes del Puerto de la Luz y de Las Palmas*. Autoridad portuaria de Las Palmas, 1993 (with De Rus, G. and Román, C.).

Congresses and Conferences (selected)

- *Impacto económico de las conexiones eléctricas de buques*. CONGRESO NACIONAL DEL MEDIO AMBIENTE (CONAMA 2018). Presentation (Guest speaker): Madrid (Spain), November, 2018.
- *Cambio climático y nivel del mar: Impactos en el Puerto de la Luz*. CAMBIO CLIMÁTICO Y NIVEL DEL MAR: EFECTOS EN LAS PALMAS DE GRAN CANARIA. Presentation: Gran Canaria (Spain), November 2018.
- *Performance assessment of the port sector in East Africa*. VII JORNADAS DE LA MUJER PORTUARIA Y MARÍTIMA AFRICANA Y ESPAÑOLA. Presentation: Gran Canaria (Spain), September 2018.
- *Salón Internacional del Transporte y la Logística (LOGISMED-EUROLOG)*. Meeting: Marrakech (Morocco), May 2018.
- *Optimization of fleets and their propulsive alternatives by operating under Motorways of the Sea conditions to improve their Environmental Results and the Feasibility of the intermodal chains*. COMPUTATIONAL AND BIG DATA IN TRANSPORT (CM3 2017). Presentation: Brussels (Belgium), November 2017.
- *Time and Intermodality in Liner Ship Fleet Deployment. A quadratic programming model applied to the Far East – USA trade flows*. NECTAR XIV INTERNATIONAL CONFERENCE. Presentation: Madrid (Spain), June 2017.
- *Assessing the Technology and Technical Efficiency of Small-Scale Fishing Boats*. XXIII CONFERENCE OF THE EUROPEAN ASSOCIATION OF FISHERIES ECONOMISTS (EAFE). Presentation: Dublin (Ireland), April 2017.
- *Incorporating the cost of time to a Liner Ship Fleet Deployment Model. An application to the Far East-USA/Europe trade flows*. 28th NOFOMA CONFERENCE. Presentation: Turku (Finland), June 2016.
- *Incorporating the cost of time to a Liner Ship Fleet Deployment Model. An application to the Far East-USA/Europe trade flows*. 19th INTERNATIONAL WORKING SEMINAR ON PRODUCTION ECONOMICS. Presentation: Innsbruck (Austria), February 2016.
- *New challenges for West and Central African Ports*. 9th GENERAL MEETING OF THE CANARIAS/AFRICA REGIONAL CHAPTER OF ICHCA INTERNATIONAL. Presentation: Ghana (Africa), October 2015.
- *Vessel capacity restrictions in the fleet deployment problem. An application to Panama Canal*. IAME. Presentation: Kuala Lumpur (Malaysia), August 2015 (with M. Herrera, Agrell, P. and Manrique, C.).

- *Public Private Partnerships in Spanish Ports. Current status and future prospects.* IAME. Presentation: Kuala Lumpur (Malaysia), August 2015 (with M. Cabrera and Suárez-Alemán, A.).
- *Vessel capacity restrictions in the fleet deployment problem. An application to the expansion of Panama Canal.* Presentation: Antwerp (Brussels), May 2015 (with M. Herrera, Agrell, P. and Manrique, C.).
- *Análisis de eficiencia: una aplicación al sector portuario.* INTRARREGIO. Presentation. Fuerteventura (Spain), November 2014 (with Pérez, I. and Herrera, M.).
- *PPPs in Ports: Performance, Competition and the Markets.* COST TU1001 Final Conference. Presentation. Brussels, October 2014.
- *Influence of ship capacity restrictions on Liner ship fleet deployments. Transshipment implications.* LOT. Presentation. Molde (Norway), September 2014 (with Herrera, M., Manrique, C. and Agrell, P.).
- *América Latina y El Caribe: Un análisis de eficiencia portuaria.* PANAM 2014. Presentation. Santander (Spain), June 2014 (with Pérez, I. and González, M.).
- *Estimating Port Efficiency through an Alternative Methodology: Time as an output of Port Performance.* IAME 2013 Conference. Communication. Marseilles (France). International Association of Maritime Economists (IAME), July 2013 (with Suárez-Alemán, A. and Cullinane, K.).
- *International Transport Forum 2013 Summit - Funding Transport.* INTERNATIONAL TRANSPORT FORUM. INVITATION. Leipzig (Germany). Organization for Economic Co-operation and Development (OECD), May 2013 (with Suárez-Alemán, A.).
- *Short Sea Shipping and intermodal competition. A theoretical analysis of European Transport Policies.* IAME 2012 Conference. Communication. Taipei (China). International Association of Maritime Economists (IAME), October 2012 (with Suárez-Alemán, A. and Medda, F.).
- *The reform process of African ports.* IAME 2011 Conference. Communication. Santiago de Chile (Chile). International Association of Maritime Economists (IAME), October 2011 (with González, M.M. and Jiménez, J.L.).

PhD finished

- Determinantes de la eficiencia portuaria y de la generación de residuos de buques. PhD. Ivone Pérez Pérez. 2017. *Cum Laude (with M^a Manuela González).*
- Un modelo para el análisis de la competitividad portuaria: una aplicación a los puertos de Las Palmas y Santa Cruz de Tenerife. PhD. José Daniel López López. 2016. *Apto (with J. Campos).*
- **Diagnosis de la pesquería artesanal en la isla de Gran Canaria. PhD. Lorena Couce Montero. 2015. *Cum Laude (with J.J. Castro).***
- Ports in Short Sea Shipping. A critical assessment of the European Maritime Transport Policy. PhD. Ancor Suárez Alemán. 2013. *Cum Laude (with J. Campos).*
- Eficiencia y eficacia en la industria de suministro de agua: Una aplicación a países de Latinoamérica. PhD. Angel Higuerey Gómez. 2011. *Cum Laude (with M^a Manuela González).*
- Eficiencia en la provisión de servicios de infraestructura portuaria: Una aplicación al tráfico de contenedores en España. PhD. M^a Manuela González Serrano. 2004 *Cum Laude.*

- Análisis multiproductivo de los costes de manipulación de mercancías en terminales portuarias: El puerto de la Luz y de Las Palmas. PhD. Beatriz Tovar de la Fe. 2002. *Cum Laude* (with Sergio Jara-Díaz).

Other Merits

- *Sections of research granted by the National Evaluation of Research Activity.* Periods: 1993-1998, 1999-2004, 2005-2010, 2011-2016 (four presidential terms).
- *Participated in operational missions (World Bank):* Argentina, Brazil, Chile, Dominican Republic, Mexico and Peru.

Recent Publications

Articles

1. Martínez-López, A, Caamaño-Sobrino, P., Chica González, M. Y Trujillo, L. (2019). Choice of propulsion plants for container vessels operating under Short Sea Shipping conditions in the European Union: An assessment focused on the environmental impact on the intermodal chains. **Proceedings of the Institution of Mechanical Engineers, Part M: Journal of Engineering for the Maritime Environment**, 233(2), pp. 127-135. (JCR 2017, Q2).
2. Di Vaio, A., Varriale, L. and **Trujillo, L.** (2019). Management Control Systems in port waste management: Evidence from Italy. **Utilities Policy**, 56, pp. 127-135. (JCR 2017, Q2)
3. **Trujillo, L.**, Inchausti-Sintes, F., Campos, J. and Manrique, C. (2018). Explaining success and failures in PPP transport projects: an econometric approach, **European Journal of Transport and Infrastructure Research**, 18(4), pp. 569-583. (SJR 2017, Q2)
4. Martínez-López, A, Caamaño-Sobrino, P., Chica González, M. and **Trujillo, L.** (2018). Optimization of a container vessel fleet and its propulsion plant to articulate sustainable intermodal chains versus road transport, **Transportation Research Part D**, 59, pp. 134-147. (JCR 2017, Q1).
5. **Trujillo, L.** Campos, J. and Pérez, I. (2018). Competition vs. cooperation between neighbouring ports: A case study in Chile, **Research in Transportation Business & Management**, 26, pp. 100-108. (SJR, Q2).
6. Herrera, M., Agrell, P., Manrique, C. and **Trujillo, L.** (2017). Vessel capacity restrictions in the fleet deployment problem: An application to the Panama Canal, **Annals Operations Research**, 253(2), pp. 845-869. (JCR, Q2).
7. Higuerey, A., **Trujillo, L.** and González, M. (2017). Has efficiency improved after the decentralization in the water industry in Venezuela? **Utilities Policy**, 49, pp. 127-136. (JCR, Q2).
8. Suárez-Alemán, A., Morales Sarriera, J., Serebrisky, T and **Trujillo, L.** (2016). When it comes to container port efficiency, are all developing regions equals? **Transportation Research Part A**, 86, pp. 56-77. (JCR, Q2).
9. Perez, I., **Trujillo, L.** and Gonzalez, M. (2016). Efficiency determinants of container terminals in latin american and the Caribbean. **Utilities Policy**, 41, pp. 1-14. (JCR, Q3).
10. Guasch, J.L., Suárez-Alemán, A. and **Trujillo, L.** (2015). Megaports' Concessions-The Puerto De Gran Escala in Chile as a Case Study, **Transport Policy**, 4(2), pp. 178-187. (SJR, Q2).

11. Cabrera, M., Suárez-Alemán, A. and **Trujillo, L.** (2015). Public Private Partnerships in Spanish Ports: Current status and future prospects, **Utilities Policy**, 32, pp. 1-11. (JCR, Q3).
12. Cabrera, M., Suárez-Alemán, A. and **Trujillo, L.** (2014). Análisis del sector portuario español: en la búsqueda de factores que limitan la competencia, **Monográfico ICE**, pp. 47-76.
13. Suárez-Alemán, A., Cullinane, K. and **Trujillo, L.** (2014). Time at ports in Short Sea Shipping: when timing is crucial, **Maritime Economics and Logistics**, 16(4), pp. 399-417. (JCR, Q3).
14. Suárez-Alemán, A., **Trujillo, L.** and Medda, F. (2014). Short Sea shipping and Intermodal competition, **Maritime Policy and Management**, 42(4), pp.317-334. (JCR, Q3).
15. Higuerey, A., Trujillo, L., González, M. and D'Elia P. (2012). Una aproximación a la determinación de la eficiencia en las empresas de servicio de agua potable y residual en Venezuela, *Academia*, XII (28) pp. 337-355.
16. **Trujillo, L.**, González, M. and Jiménez, J.L. (2013). An overview on the reform process of African ports, **Utilities Policy**, 25, pp. 12-22. (JCR, Q3).
17. Suárez-Alemán, A., Cullinane, K. and **Trujillo, L.** (2013). Estimating port efficiency through an alternative methodology. Time in the port performance, **IAME Proceeding**, 25.
18. Higuerey, A., González, M. and **Trujillo, L.** (2012). Situación actual de los servicios de suministro de agua en Venezuela, Cayapa. **Revista Venezolana de Economía Social**, 24, pp. 9-36.
19. **Trujillo, L.** and Tovar, B. (2012). Análisis de terminales portuarias: competencia versus regulación, **Revista Papeles de Economía Española**, 131, pp. 128-139.
20. DiVaio, A., Medda, F. and **Trujillo, L.** (2011). An Analysis of the Efficiency of Italian Cruise Terminals, **International Journal of Transport Economics**, 38(1), pp. 29-46. (JCR, Q4).
21. Medda, F. and **Trujillo, L.** (2010). Short-Sea-Shipping: an analysis of its determinants, **Maritime Policy and Management**, 37(2), pp. 285-303. (SJR, Q1).
22. Estache, A., Guasch, J.L. and **Trujillo, L.** (2009) Multidimensionality and Renegotiation: Evidence from Transport-Sector Public-Private-Partnership Transactions in Latin America” **Review of Industrial Organization**, 35(1), pp. 41-71. (SJR, Q1).
23. **Trujillo, L.** and Medda, F. (2009). A Boost for Short Sea Shipping: The Environmental and Economic Determinants, **The Environmentalist** 80, pp.14-20.
24. Estache, A. and **Trujillo, L.** (2009). Corruption and infrastructure services: An overview, **Utilities Policy**, 17(2), pp. 153-155. (SJR, Q1).
25. González, M. and **Trujillo, L.** (2009). Efficiency Measurement in the Port Industry: A Survey of the Empirical Evidence, **Journal of Transport Economic and Policy**, 43(2), pp.157-192. (JCR, Q4).
26. Estache, A., Goicoechea, A. and **Trujillo, L.** (2009). Utilities reforms and corruption in developing countries, **Utilities Policy**, 17(2), pp. 191-202. (SJR, Q1).
27. González, M. and **Trujillo, L.** (2008) Reforms and infrastructure efficiency in Spain ´s container ports, **Transportation Research Part A**, 42, pp. 243-257. (JCR, Q1).
28. Estache, A., Tovar, B. and **Trujillo, L.** (2008). How efficient are African electricity companies?” Evidence from Southern African countries, **Energy Policy**, 36, pp. 1969-1979. (JCR, Q2).

29. Estache, A., Guasch, J.L. and **Trujillo, L.** (2007). Price Caps, efficiency Pays off and Infrastructure Contact Renegotiation in Latin America. **Transnational Dispute Management**, 4 (20).
30. **Trujillo, L.** and Tovar, B. (2007). The European Port Industry: An Analysis of its Economic Efficiency, **Journal of Maritime Economics & Logistics**, 9.2, pp. 148-171. (JCR, Q1).
31. Estache, A., Perelman, S. and **Trujillo, L.** (2007). Measuring Efficiency-Quality Trade-offs from Reform: An application to Brazil's freight railways, **Annals of Public and Cooperative Economics**, 78(1), pp. 1-20. (SJR, Q3).
32. Rodríguez-Álvarez, A., Tovar, B. and **Trujillo, L.** (2007). Firm and Time Varying Technical and Allocative Efficiency: An Application to Port Cargo Handling Firms, **International Journal of Production Economics**, 108(1-2), pp. 149-161. (JCR, Q1).
33. González, M., Perelman, S. and **Trujillo, L.** (2007). Tracking the stepwise effects of regulatory reforms over time a "back-door" approach, **Applied Economics**, 41(2), pp. 211-218. (JCR, Q4).
34. Jara-Díaz, S., Tovar, B. and **Trujillo, L.** (2007). On the proper modeling of multi output port cargo handling costs, **Applied Economics**, 40(13), pp. 1699-1705. (JCR, Q4).
35. Tovar, B., Jara-Díaz, S. and **Trujillo, L.** (2007). Econometric estimation of scale and scope economies within the Port Sector: a review, **Maritime Policy and Management**, 34 (3), pp. 203-223. (SJR, Q2).
36. **Trujillo, L.**, González, M. and Tovar, B. (2006). Financiación de la infraestructura portuaria: un debate abierto, **Economistas**, 110, pp. 13-21.
37. Serebrisky, T. and **Trujillo, L.** (2005). An assessment of port reform in Argentina: Outcomes and challenges ahead, **Maritime Policy and Management** (2005), 32(3), pp. 191-207. (JCR, Q1).
38. Jara-Díaz, S., Tovar, B. and **Trujillo, L.** (2005). Multi-output Analysis of Cargo Handling Firms: An Application to a Spanish Port, **Transportation**, 32(3), pp. 275-291. (JCR, Q1).
39. Estache, A. and **Trujillo, L.** (2004) La privatización en América Latina en la década de los 90: aciertos y fracasos, **Revista Asturiana de Economía**, 31, pp. 31-69.
40. **Trujillo, L.** (2004). Modelización financiera de las Políticas de Regulación, **World Bank Institute**.
41. Estache, A., Tovar, B. and **Trujillo, L.** (2004). Sources of Efficiency Gains in Port Reform: A DEA Decomposition of a Malmquist TFP Index for Mexico, **Utilities Policy**, 12, pp. 221-230. (SJR, Q2).
42. **Trujillo, L.** and Estache, A. (2003). Efficiency effects of "Privatization" in Argentina's Water and Sanitation Services, **Water Policy**, 5(4), pp. 369-380. (JCR, Q2).
43. **Trujillo, L.** and Serebrisky, T. (2003). Market Power in Ports – A Case Study of Post-privatization Mergers, **Public Policy for the Private Sector**, Vol. 260, pp. 1-4.
44. Estache, A., Campos, J. and **Trujillo, L.** (2003) Processes information and accounting gaps: Learning from Argentina's privatized railways regulation, **Journal of Network Industries**, 4 (1), pp. 3-28.
45. **Trujillo, L.** (2003) **Frente marítimo**, Vol. 3.
46. Estache, A., González, M. and **Trujillo, L.** (2002) What Does Privatization Do for Efficiency? Evidence from Argentina's and Brazil's Railways, **World Development**, 30(11) pp. 1885-1897. (JCR, Q1).
47. **Trujillo, L.**, Quinet, E. and Estache, A. (2002) Dealing with Demand Forecasting Games in Transport Privatization, **Transport Policy**, 9(4), pp. 325-333. (SJR, Q2).

48. Estache, A., González, M. and **Trujillo, L.** (2002). Efficiency Gains from Port Reform and the Potential for Yardstick Competition: Lessons from Mexico, **World Development**, 30(4), pp. 545-560. (JCR, Q1).
49. **Trujillo, L.** and Nombela, G. (2000) Multi-service Infrastructure: Privatizing Port Services, **Public Policy for the Private Sector**, 222, pp. 43-47.
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