

CURRICULUM VITAE

July 2019

Ofelia Betancor Cruz

Department of Applied Economic Analysis
Facultad de Economía, Empresa y Turismo
Universidad de Las Palmas de Gran Canaria
Campus Universitario de Tafira.
35017 Las Palmas de Gran Canaria

Phone: +34-928-458193

E-mail: ofelia.betancor@ulpgc.es

I. Academic Background

Degree	Institution	Date
PhD in Economics	Institute for Transport Studies University of Leeds	2011
PhD in Economics	Facultad de CC. Económicas y Empresariales University of Las Palmas de Gran Canaria	1998
MSc in Economics	Queen Mary and Westfield College University of London	1993
First Degree in Economics and Business	Facultad de CC. Económicas y Empresariales University of La Laguna	1989

II. Current Position

Position	Institution
Associate Professor	Department of Applied Economics University of Las Palmas de Gran Canaria
Researcher of the Infrastructure and Transport Area	Fundación de Estudios de Economía Aplicada
Member of Research Group	Economics of Infrastructure and Transport Research Group University of Las Palmas de Gran Canaria
Head of the Department	Departamento de Análisis Económico Aplicado Universidad de Las Palmas de Gran Canaria

III. Research Fields

- Transport Economics.
- Economic Evaluation of Projects.

IV. Participation in R&D Projects

2018-2021. Participation in project “Improving the measurement of the indirect effects of investment projects: specifying and calibrating EIA methods to maximise compatibility with CBA (C-BRIDGE)”. EIBURS programme. [European Investment Bank](#).

2017-2019. Participation in project “Evaluación socioeconómica del impacto de la nueva era digital sobre el turismo y el transporte aéreo (DIGITTA). [Ministerio de Economía y Competitividad](#). ECO2016-80268-R. Leader: ULPGC.

2016-2017. Participation in project “Methodological note in support of integration operations programming”. [Inter-American Development Bank](#).

2015-2018. Vice-Chair COST Action TU1408: Air Transport and Regional Development (ATARD). COST European Cooperation for Science and Technology.

2014-2015. Participation in project “Support to the preparation of a National Tourism Program for Barbados”. [Inter-American Development Bank](#).

2013-2015. Coordination of Project: “Evaluación de políticas en mercados en infraestructuras aéreas- EVA-

AIR”. Subprograma de proyectos de investigación fundamental no orientada. Convocatoria 2012. Ministerio de Economía y Competitividad. ECO2012-39277. Leader: ULPGC.

2012-2014. Participation in project: “Impact of Transport Infrastructure on International Competitiveness of Europe (I-C-EU)”. FP7-TPT-2012-RTD-1. European Commission. Leader: TM Leuven.

2012. Participation in project: “Caribbean Regional Strategy on Freight Logistics, Maritime Transport and Trade Facilitation. RG-T1458. Inter-American Development Bank. Leader: IDOM

2009-2011. Coordination of project AERO-AVE (Integración del transporte aéreo y la alta velocidad ferroviaria: impactos sobre accesibilidad y medio ambiente). Plan Nacional e Investigación Científica, Desarrollo e Innovación Tecnológica 2008-2011. Ministerio de Ciencia e innovación. Leader: FEDEA.

2008-2011. Participation in project “Evaluación socioeconómica y financiera de proyectos de transporte”. Ministerio de Fomento (Convocatoria CEDEX 2007 de ayudas a proyectos de I+D+i en infraestructuras y transporte, en el marco del Plan Nacional de I+D+i 2004-2007 al amparo de los objetivos establecidos en el PEIT 2005-2020. (BOE nº 91 16-abril-2007). Leader: ULPGC.

2006-2008. Participation in project DIFFERENT (Differentiation of charges and tolls). European Commission. Leader: Napier University.

2006. Participation in project “Manual de Evaluación Económica de Proyectos de Transporte” for the Inter-American Development Bank (IDB). Leader: ULPGC.

2005-2007. Participation in project “Análisis y tratamiento de las externalidades en las infraestructuras y servicios de transporte”. CICYT. Leader: ULPGC

2005. Head of the project “Estudio sobre los puertos canarios y sus hinterlands, las autopistas marítimas y el transporte aéreo en Canarias”. CES. Gobierno de Canarias.

2005. Participation in project AIRREG (Air Transport Regulations). European Commission. Leader: Oxford University (Transport Studies Unit).

2004-2005. Participation in project HEATCO: “Developing Harmonised European Approaches for Transport Costing and project assessment”. European Commission. Leader: Stuttgart University.

2003-2005. Participation in project: “Análisis de la Movilidad en el Espacio Canarias-Azores-Madeira”. Community Initiative INTERREG B 2000-2006. Leader: ULPGC.

2002-2005. Participation in project SPECTRUM (Study of Policies Regarding Economic Instruments Complementing Transport Regulation and the Undertaking of Physical Measures). European Commission.
Leader: Institute of Transport Studies, University of Leeds (UK).

2003-2004. Head of project: “Un análisis comparativo de algunos enfoques metodológicos para medir la eficiencia en las infraestructuras aeroportuarias”. ULPGC Program.

2000-2002. Participation in GROWTH Project GRD1-1999-11157 UNITE: “Unification of accounts and marginal costs for transport efficiency”. European Commission. Leader: Institute of Transport Studies, University of Leeds (UK).

21-26 February, 2000. Participation in World Bank mission to Bolivia as specialist in air transport.

10-15 January, 2000. Participation in World Bank mission to Dominican Republic as specialist in air transport.

1999-2000. Responsible of the Transport Area in the project “Gran Canaria Siglo XXI, formulación y selección de estrategias”. Cabildo de Gran Canaria.

1997-1998. Participation in project “Regulation of transport services and infrastructures”. Economic Development Institute (World Bank).

1997. Participation in project “Políticas de Transporte para la Economía Canaria y la ZEC”. Consejo Económico y Social. Gobierno de Canarias.

1996-1998. Participation in Project No: ST 96 - SC 172: “Pricing European Transport Systems (PETS)”. Leader: Institute for Transport Studies (University of Leeds, UK).

1994. Participation in project “Efectos de la desregulación del transporte aéreo en España”. FEDEA (Banco de España).

1993. Participation in project “El sector transporte y el grupo INI”. Fundación Empresa Pública. Madrid.

V. Publications

- Socorro, M.P. and Betancor, O. (2019). “Air transport subsidies for resident passengers: the unexpected effects on competition”, *Research in Transportation Economics*. Forthcoming.
- Graham, A., Adler, N., Betancor, O., Bilotkach, V., Calderón, E.J., Martini, G., Niemeier, H.M. and Antunes, A. (2019). *Air Transport and Regional Development*. Routledge. Forthcoming.
- Campos, J. and Betancor, O. (2019). CBA of air transport projects for regional development, in *Air Transport and Regional Development*, ed. Graham, A., et al. Routledge. Forthcoming.
- Socorro, M.P., Betancor, O. and Myon, L. (2019). Subsidies to promote air transport connectivity when carriers have market power: passenger-based policies versus route-based policies, in *Air Transport and Regional Development*, ed. Graham, A., et al. Routledge. Forthcoming.
- Vasallo, J.M., Ortuño, A. and Betancor, O. (2019). Spanish Transport Accounts, in *Air Transport and Regional Development*, ed. Graham, A., et al. Routledge. Forthcoming.
- Campos, J. y Betancor, O. (2018). Evaluación Socioeconómica de Proyectos de Infraestructura Multinacionales con Efectos sobre la Integración Regional. Proyecto piloto: Modernización del paso fronterizo ingenieros (Guatemala)-Nueva Orizaba (México). Paper prepared for the Inter-American Development Bank.
- Campos, J. y Betancor, O. (2017). Evaluación Socioeconómica de Proyectos de Infraestructura Multinacionales con Efectos sobre la Integración Regional. Proyecto piloto: el túnel de Agua Negra. Paper prepared for the Inter-American Development Bank.
- Campos, J. y Betancor, O. (2017). Evaluación Socioeconómica de Proyectos de Infraestructura Multinacionales con Efectos sobre la Integración Regional. Nota metodológica en apoyo del programa de operaciones de integración del Banco Interamericano de Desarrollo. Paper prepared for the Inter-American Development Bank.
- Vasallo, J.M., Ortuño, A. and Betancor, O. (2017). Las cuentas del transporte en España. Documento de Trabajo de FEDEA.
- Socorro, M.P., Betancor, O. and De Rus, G. (2017). “Feasibility and desirability of airport competition: the role of product substitutability and airlines’ nationality”. *Journal of Air Transport Management*, 67, 224-231.
- Betancor, O. and Llobet, G. (2017). Financial and social profitability of HSR in Spain. In *Evaluating High-Speed Rail: Interdisciplinary Perspectives*, eds. Germà Bel and Daniel Albalade. Routledge.
- Betancor, O., Hernández, A. and Socorro, M.P. (2016). “Screening transport projects for the appraisal of wider economic impacts”. Mimeo.
- Betancor, O.; Campos, J.; Eugenio, J.L.; Socorro, M.P.; Inchausti, F. (2015). Economic assessment of airlift support policies. Barbados (BA-L1033). Paper prepared for the Inter-American Development Bank.
- Betancor, O. and Espinosa, M.P. (2015). Privatización, competencia y regulación aeroportuaria: experiencia internacional. Documento de Trabajo 2015-03. FEDEA.
- Betancor, O. and Llobet, G. (2015). Contabilidad financiera y social de la alta velocidad en España. Estudios sobre la economía española - 2015/08. FEDEA.
- De Rus, G. and Betancor O. (2015). Airport pricing and investment. In *Handbook of Research Methods*

and Applications in Transport Economics, eds. Chris Nash and Jeremy Toner. Edward Elgar.

- Kiel, J., Betancor, O., Fiedler, R., Hernández, A., Kretschmann, L., and M.P. Socorro, (2014). Analysis of models and their results from transport infrastructure projects. Deliverable 3.2 of the I-C-EU Project. European Commission.
- Betancor, O., Eugenio, J.L., Hernández, A. and M.P. Socorro, (2014). Integration of approaches for project assessment: analysis of particular case studies. Deliverable 2.3 of the I-C-EU Project. European Commission.
- Betancor, O., Hernández, A., Smit, M. and M.P. Socorro, (2013). Overview of indicators of competitiveness and regional growth in relation to transport infrastructure investment. Deliverable 1.3 of the I-C-EU Project. European Commission.
- Betancor, O., Hernández, A. and M.P. Socorro, (2013). Revision of infrastructure project assessment practice in Europe regarding impacts on competitiveness. Deliverable 2.2 of the I-C-EU Project. European Commission.
- Betancor, O., Hernández, A., Socorro, M.P., Fiedler, R., Kretschmann, L., Brümmerstedt, K., Kiel, J., Smith, R., Ubbels, B., De Groot, H., Smit, M., Purwanto, J., Heyndrickx, C., Pawlowska, B., Borkowski, P. and E. Adamowicz, (2013). Database of case studies and screening methodology. Deliverable 2.1 of the I-C-EU Project. European Commission.
- Valido, J., Socorro, P., Hernández, A. and Betancor, O. (2014). “Air transport subsidies for resident passengers when carriers have market power”. *Transportation Research Part E*. 70, 388–399.
- Barbot, C., Betancor, O., Socorro, M.P. and Vicens, F. (2014). “Trade-offs between environmental regulation and market competition: airlines, emission trading systems and entry deterrence”. *Transport Policy*, 33, 65-72.
- Betancor, O., Gallego, A. and González, M. J. (2013). Cuarto Informe del Observatorio de Transporte Aéreo de FEDEA: Revisando la taxonomía de aeropuertos españoles.
- Betancor, O., Gallego, A. and González, M. J. (2013). Tercer Informe del Observatorio de Transporte Aéreo de FEDEA: las tarifas en el mercado español de transporte aéreo.
- Jiménez, J. and Betancor, O. (2012). “When trains go faster than planes: the strategic reaction of airlines in Spain”. *Transport Policy*. Vol 23, 31-41.
- Barbot, C., Betancor, O., Socorro, M.P. and Vicens, F. (2012). “Trade-offs between environmental regulation and market competition: airlines, emission trading systems and entry deterrence”. Fedea Working paper 2012-05.
- Valido, J., Socorro, M.P., Hernández, A. and Betancor, O. (2012). “Subsidies for resident passengers in air transport markets”. Fedea working paper 2012-10.
- Jiménez, J. and Betancor, O. (2012). “When trains go faster than planes: the strategic reaction of airlines in Spain”. Working Paper 672/2012. Fundación de Cajas de Ahorros (FUNCAS). Madrid.
- De Rus, G. and Betancor O. (2012). “Análisis coste-beneficio de proyectos portuarios”. *Papeles de Economía Española*. La economía del transporte marítimo y los puertos. No. 131. Funcas.
- Betancor, O. and Vicens, F. (2012). Segundo Informe del Observatorio de Transporte Aéreo de FEDEA: la competencia en el mercado español de transporte aéreo.
- Betancor, O. and Vicens, F. (2011). Primer Informe del Observatorio de Transporte Aéreo de FEDEA: una taxonomía de aeropuertos españoles.

- Alonso, A. and Betancor, O. (2011). “Estudio de las posibilidades de implantación de sistemas intermodales: el Caso Málaga”. Colección Estudios Económicos 07-2011. FEDEA
- Socorro, M.P. and Betancor, O. (2011). “Optimality of environmental policies in air transport markets and changes in the schedule delay: a theoretical approach”. *Transportation Research Part A*, 45, 850–860.
- Jiménez, J. and Betancor, O. (2011). “High Speed Rail vs. Air Competition in Spain”. *Airlines Magazine*. Issue 49.
- Campos, J. and Betancor, O. (2010). “Problemas en la práctica de la evaluación económica de proyectos de transporte”. *Cuadernos Económicos*, 80.
- Betancor, O. (2010). “Las infraestructuras de transporte en Canarias: el papel de la evaluación económica” in *El impacto de la crisis en la economía canaria: claves para el futuro (volumen II)*, ed. Moisés Simancas. Real Sociedad Económica de Amigos del País de Tenerife.
- De Rus, G., Betancor, O., Campos, C., Eugenio, J.L., Socorro, P., Matas, A., Raymond, J.L., González-Savignat, M., Brey, R., Nombela, G. and Benavides, J. (2010). “Evaluación económica de proyectos de transporte”. Manual of the project *Evaluación Socioeconómica y Financiera de Proyectos de Transporte*. Ministerio de Fomento. CEDEX.
- De Rus, G., Betancor, O., Campos, C., Eugenio, J.L., Socorro, M.P., Matas, A., Raymond, J.L., González-Savignat, M., Brey, R., Nombela, G. and Benavides, J. (2010). “Economic evaluation of transport projects”. Manual of the project *Evaluación Socioeconómica y Financiera de Proyectos de Transporte*. Ministerio de Fomento. CEDEX.
- De Rus, G., Betancor, O., Campos, C., Eugenio, J.L., Socorro, M.P., Matas, A., Raymond, J.L., González-Savignat, M., Brey, R., Nombela, G. and Benavides, J. (2010). “Evaluación socioeconómica de la inversión en alta velocidad ferroviaria: una aplicación al PEIT”. Working Paper of the project *Evaluación Socioeconómica y Financiera de Proyectos de Transporte*. Ministerio de Fomento. CEDEX.
- De Rus, G., Betancor, O., Campos, C., Eugenio, J.L., Socorro, M.P., Matas, A., Raymond, J.L., González-Savignat, M., Brey, R., Nombela, G. and Benavides, J. (2010). “Evaluación socioeconómica de la ampliación del aeropuerto de Málaga”. Working Paper of the project *Evaluación Socioeconómica y Financiera de Proyectos de Transporte*. Ministerio de Fomento. CEDEX.
- De Rus, G., Betancor, O., Campos, C., Eugenio, J.L., Socorro, M.P., Matas, A., Raymond, J.L., González-Savignat, M., Brey, R., Nombela, G. and Benavides, J. (2010). “Evaluación socioeconómica de la ampliación del Puerto de Sagunto: construcción de la Dársena 2”. Working Paper of the project *Evaluación Socioeconómica y Financiera de Proyectos de Transporte*. Ministerio de Fomento. CEDEX.
- De Rus, G., Betancor, O., Campos, C., Eugenio, J.L., Socorro, M.P., Matas, A., Raymond, J.L., González-Savignat, M., Brey, R., Nombela, G. and Benavides, J. (2010). “Evaluación socioeconómica de la inversión en carreteras: actuaciones en la autovía Mudéjar”. Working Paper of the project *Evaluación Socioeconómica y Financiera de Proyectos de Transporte*. Ministerio de Fomento. CEDEX.
- De Rus, G., Betancor, O., Campos, C., Eugenio, J.L., Socorro, M.P., Matas, A., Raymond, J.L., González-Savignat, M., Brey, R., Nombela, G. and Benavides, J. (2010). “Evaluación socioeconómica de la inversión en carreteras: la implantación de carriles bus en la autovía A42”. Working Paper of the project *Evaluación Socioeconómica y Financiera de Proyectos de Transporte*. Ministerio de Fomento. CEDEX.
- Betancor, O and Valido, J. (2009). “Manuales y procedimientos para la evaluación de proyectos de transporte”. Documento de trabajo desarrollado en el proyecto Evaluación Socioeconómica y Financiera

de Proyectos de Transporte. Ministerio de Fomento. CEDEX.

- Betancor, O, Moral, E. and Campos, J. (2009). “Estimación de los costes del productor y del usuario en la evaluación de proyectos de transporte”. Documento de trabajo desarrollado en el proyecto Evaluación Socioeconómica y Financiera de Proyectos de Transporte. Ministerio de Fomento. CEDEX. 2009. Available in English.
- Betancor, O., Jiménez, J.L. and Socorro, M.P. (2010). “The cost of peak-load demand: an application to Gran Canaria airport”, *Journal of Air Transport Management*, Vol. 16, 2, 59-64.
- Socorro, M.P. and Betancor, O. (2010). “The welfare effects of the allocation of airlines to different terminals”, *Transportation Research Part E*, Vol. 46, 2, 236-248.
- Betancor, O., and Socorro, M.P. (2009). “Internalización de los costes externos del transporte”, *Papeles de Economía. Economía y cambio climático*. 121. Madrid.
- Roman, C., Martin, J.C., Betancor, O., Espino, R. and Nombela, G.. (2008) Analyzing Mobility in Peripheral Regions of the European Union: The Case of Canarias-Madeira-Azores. In: *Networks and Spatial Economics*. 8, 2, 141-160.
- Betancor, O. (2008). “Aeropuertos españoles en la senda del cambio”, España 2007. *Un balance. Economistas*. Colegio de Economistas de Madrid.
- Betancor, O. and Martín, J.C. (2007). “Los costes del ruido en el aeropuerto de Madrid Barajas” in *Las redes de transporte desde un enfoque multidisciplinar*, edited by J.C. Martín, A. Reggiani and P. Rietveld. Thomson-Civitas. Madrid.
- Socorro, M.P. and Betancor, O. (2007). “Optimal environmental policy in transport: unintended effects on consumers’ generalized price”. Working Paper 308/2007. Fundación de Cajas de Ahorros (FUNCAS). Madrid.
- De Rus, G., Betancor, O. and Campos J. (2006). “Manual de Evaluación Económica de Proyectos de Transporte”. *Inter-American Development Bank (IDB)*.
- Betancor, O., Socorro, M.P., Jiménez, J.L., Pels, E., Behrens, C., Wieland, B., Evangelinos, C. and Bozicnik, S. (2007). Final results and recommendations for differentiated charges at airports. Deliverable 5.2 of the DIFFERENT Project. European Commission.
- Betancor, O., and Socorro, M.P. (2006). “El futuro de los aeropuertos en España”. *Infraestructuras de Transporte: la perspectiva de los economistas*. Colegio de Economistas de Madrid. Pp.6-12.(2006).
- Martin, J.C. and Betancor, O. (2006). “Evaluating different pricing policies on social welfare: an application to Madrid Barajas”. *European Transport/Trasporti Europei* n. 32: 114-135.
- Betancor, O., Macario, R., Carmona, M. and Nash C. (2005). *Operating Costs* in “Measuring the Marginal Social Cost of Transport”, edited by C. Nash and B. Matthews. Elsevier.
- Holvad, T., Hanly, M., Preston, J., Betancor, O., Campos, J., Van Elburg, J., Bauer, M. and Mendes de Leon, P. (2005). “Functioning of the Internal Market for Air Transport” AIRREG – AIR transport REGulations. Final Report. *European Commission, DG Transport*.
- Nombela, G., De Rus, G. and Betancor, O. (2004). “Internalizing Airport Congestion”. *Utilities Policy*, 12, 2004, pp.323-331.
- Betancor, O. (2004). “Desarrollos del transporte aéreo al comienzo del nuevo milenio”, *Mediterráneo Económico*, 5. Instituto Cajamar. Almería.

- Martín, J.C., Betancor, O., Preston, J. Holvad, T., Nash, C., Johnson, D., Meersman, H., Pauwels, T., Van de Voorde, E., Vanelslander, T., Bokor, Z., Kővári, B., Mészáros, F., and P. Rónai (2004). Review of Specific Inter-urban Measures. Deliverable 3. SPECTRUM Project. European Commission.
- Betancor, O. and Rendeiro, R. (2003). *Aeropuertos*, in “Privatización y regulación de infraestructuras de transporte: una guía para reguladores”, edited by Antonio Estache and Ginés de Rus. World Bank. Editorial Alfaomega.
- Betancor, O. and Nombela, G. (2002). “Mohring Effects for Air Transport”. Annex from *Deliverable 7, Transport User Costs and Benefits*. UNITE project. European Commission, DG TREN.
- Nombela, G., De Rus, G. and Betancor, O. (2002). “Evaluation of Congestion Costs for Madrid Airport (1997-2000)”. Annex from *Deliverable 7, Transport User Cost and Benefits*. UNITE project. European Commission, DG TREN.
- Betancor, O. and Nombela, G. (2002). “The Transport Pilot Account for Spain”. Annex from *Deliverable 8*. UNITE project. European Commission, DG TREN.
- “Gran Canaria Siglo XXI. Transporte e Infraestructuras”, (2001). Plan Estratégico y Social de Gran Canaria. Cabildo de Gran Canaria. With M^a Luz Alonso, Raquel Espino, Marianela González, Marta Jacob, Juan Carlos Martín, Concepción Román and Roberto Rendeiro.
- Betancor, O. and Nombela, G. (2001). “European Airlines Marginal Costs”. Annex from *Deliverable 6, Supplier Operating Costs*. UNITE project. European Commission, DG TREN.
- Betancor, O. and Campos, J. (2000). “The First Decade of the European Air Transport Deregulation: An Empirical Note”. *Public Works Management and Policy*. Vol. 5, no.2, 135-146.
- Betancor, O. and Strong, J. (2000). “Privatization and Regulatory Experience of the Air Transport Sector in Dominican Republic”. Background Paper for the World Bank.
- Betancor, O. and Strong, J. (2000). “Privatization and Regulatory Experience of the Air Transport Sector in Bolivia”. Background Paper for the World Bank.
- Betancor, O. and Rendeiro, R. (2000). “Regulating Privatized Infrastructures and Airport Services”, *Privatization and Regulation of Transport Infrastructures: Guidelines for Policymakers and Regulators* edited by Antonio Estache and Ginés de Rus. World Bank Institute.
- Betancor, O. and Trujillo, L. (2000). “Privatización de infraestructuras: puertos y aeropuertos”. *España 1999. Un balance. Economistas*. Colegio de Economistas de Madrid.
- Betancor, O. and Jorge-Calderón, J.D. (1999). “El transporte aéreo en Europa: balance de las tendencias en el sector tras la liberalización”. *Papeles de Economía Española*. 82. Madrid.
- Betancor, O. and Rendeiro, R. (1999). “Regulating Privatized Infrastructures and Airport Services”. Working Paper 2180. World Bank.
- Betancor, O. and Rendeiro, R. (1999). “Modelos de propiedad y gestión de aeropuertos: el caso español”. *España 1998. Un balance. Economistas*. Colegio de Economistas de Madrid.
- Betancor, O. (1999). “Seguridad y tarifas aéreas: una aplicación empírica”, *XX Aniversario Facultad de Ciencias Económicas y Empresariales*.
- Betancor, O., Campos, J., de Rus, G. and Tovar, B. (1997). “Deregulation and Pricing”. *Deliverable 3, Pricing European Transport Systems*. DGVII. European Commission.
- Betancor, O. and Jorge-Calderón, J.D. (1996). "A note on fares in regulated and deregulated airline

markets: A comparison of Spain and the UK". *Transport Policy*, Vol. 2, Nº 4.

- Betancor, O. and Jorge-Calderón, J.D. (1996). "Efectos de la desregulación del transporte aéreo en España", *La Regulación de los Transportes en España*. FEDEA. Civitas. Madrid.
- Betancor, O. and Jorge-Calderón, J.D. (1995). "Iberia y el sector de transporte aéreo español durante 1994. Perspectivas para el futuro". *España 1994. Un balance. Economistas*. Colegio de Economistas de Madrid.
- Betancor, O. (1992). "El sector transporte y el grupo INI". Working Paper 9201. Fundación Empresa Pública. Madrid.

VI. Participation in Congresses/workshops

Socorro, P. and Betancor O. Subsidies to promote air transport connectivity when carriers have market power: passenger-based policies versus route-based policies. Final Conference of COST Action on the Relationship between Air Transport and Regional Development (ATARD). 18-19 March 2019.

Vasallo, J.M., Ortuño, A. and Betancor, O. Spanish Transport Accounts. COST Workshop on the Relationship between Air Transport and Regional Development (ATARD). Dublin City University. 15 November 2017.

Betancor, O., Socorro, M.P., Calderón, E. And Marmolejo, C. Assessing airport development policies: some examples from Spain. 4th COST Workshop on the Relationship between Air Transport and Regional Development. 16 November 2016, Amsterdam.

Socorro, M.P., de Rus, G. and Betancor, O. Airports' market power versus airlines' competition: the role of product substitutability. 1st COST Workshop on the Relationship between Air Transport and Regional Development. 3-4 June 2015, Amsterdam.

“Contabilidad financiera y social de la alta velocidad en España”. Ofelia Betancor y Gerard Llobet. Seminario FEDEA “Economía de las Infraestructuras de Transporte”. Madrid, 17 December 2014

“Regulación y competencia aeroportuaria: experiencia internacional”. Ofelia Betancor y M^a Paz Espinosa. Seminario FEDEA “Economía de las Infraestructuras de Transporte” Madrid, 17 December de 2014.

“Impacts of infrastructure projects on competitiveness”, with Jan Kiel, Barry Ubbels, Joko Purwanto, Christophe Heyndrickx, Ofelia Betancor, Pilar Socorro, Aday Hernández, Martijn Smit, Barbara Pawlowska, Ralf Fiedler. *Transport Research Arena*, 14-17 April 2014. Paris (France).

“Subsidies for resident passengers in air transport markets”, with Jorge Valido, Pilar Socorro and Aday Hernández. *Workshop prior to the European Aviation Conference, University of St. Gallen*. 13th November 2013.

“The role of wider economic impacts in the assessment of transport infrastructure investments in Europe”, with Aday Hernández and Pilar Socorro, *IATA workshop on The Effects of Air Transport on the Economy – How can we evaluate them?* 11-12 November 2013, Geneva (Switzerland).

“Subsidies for resident passengers in air transport markets”, with Jorge Valido, Pilar Socorro and Aday Hernández. *13th World Conference on Transport Research (WCTR). 15-18 July 2013*. Rio de Janeiro (Brazil).

“Trade-offs between environmental regulation and market competition: airlines, emission trading systems and entry deterrence”, with Cristina Barbot, Pilar Socorro and Fernanda Viacens. *13th World Conference on Transport Research (WCTR). 15-18 July 2013*. Rio de Janeiro (Brazil).

“Trade-offs between environmental regulation and market competition: airlines, emission trading systems and entry deterrence”, with Cristina Barbot, Pilar Socorro and Fernanda Viacens. *III Workshop on Transport Economics Economic analysis of transport and the environment*. Barcelona (Spain), 27 May 2013.

“Optimality of environmental policies in air transport markets and changes in the schedule delay: a theoretical approach”, with Pilar Socorro. *19th International Symposium on Transportation and Traffic Theory*

(ISTTT). 18-20 July 2011. Berkeley (USA).

“Optimality of environmental policies in air transport markets and changes in the schedule delay: a theoretical approach”, with Pilar Socorro. *IDEAS 20 years*. 11th June 2011. Barcelona (Spain).

“When trains go faster than planes: the strategic reaction of airlines in Spain”, with Juan Luis Jiménez. *51st European Congress of the Regional Science Association International and 37th Spanish Regional Science Association Conference*. 30 August - 3 September 2011. Barcelona (Spain).

“Subsidies to air transport passengers: efficiency of the European policy practice”, with María Cabrera. *7th International Forum on Air Transport in Remoter Regions*. 5-7 April 2011. Newquay (United Kingdom).

“Optimal environmental policy in air transport markets”, with Pilar Socorro. *GARS TU Dresden Workshop: Airports and the environment. How to balance economic and environmental concerns*. 23-24 November 2010. Dresden (Germany).

“Air transport and high speed rail: assessment of cooperation and competition strategies under a cost benefit approach”, with Agustín Alonso. *European Transport Conference*. 11-13 October 2010. Glasgow (United Kingdom).

“Optimal environmental policy in air transport markets”, with Pilar Socorro. *12th World Conference on Transport Research (WCTR)*. 11-15 July 2010. Lisbon (Portugal).

“When trains go faster than planes: the strategic reaction of airlines in Spain”, with Juan Luis Jiménez. *14th Air Transport Research Society (ATRS)*. 6-9 July 2010. Porto (Portugal).

“Air transport and high speed rail: assessment of cooperation and competition strategies under a cost benefit approach”, with Agustín Alonso. *14th Air Transport Research Society (ATRS)*. 6-9 July 2010. Porto (Portugal).

“Subsidies to air transport passengers: efficiency of the European policy practice”, with María Cabrera. *14th Air Transport Research Society (ATRS)*. 6-9 July 2010. Porto (Portugal).

“Air transport and high speed rail: assessment of cooperation and competition strategies under a cost benefit approach”, with Agustín Alonso. *2010 German Aviation Research Society (GARS) Junior Researchers' Workshop at the VU University Amsterdam*. 1-3 July 2010. Amsterdam (Netherlands).

“Subsidies to air transport passengers: efficiency of the European policy practice”, with María Cabrera. *2010 German Aviation Research Society (GARS) Junior Researchers' Workshop at the VU University Amsterdam*. 1-3 July 2010. Amsterdam (Netherlands).

“Welfare effects of the allocation of airlines in different terminals”, with Pilar Socorro. *1st Madrid Workshop on Transport Economics*. 10th October, 2008. Madrid.

“Welfare effects of the allocation of airlines in different terminals”, with Pilar Socorro. *35 Conference of the European Association for Research in Industrial Economics*. 4-6th September 2008. Toulouse (France).

“The costs of a peak load demand: an application to Gran Canaria Airport”, with Juan Luis Jiménez and Pilar Socorro. *12th Air Transport Research Society World Conference*. 6-10th July 2008. Athens (Greece).

“The costs of a peak load demand: an application to Gran Canaria Airport”, with Juan Luis Jiménez and Pilar

Socorro. *XI Encuentro de Economía Aplicada*. 5-7th June 2008. Salamanca (Spain).

“The costs of a peak load demand: an application to Gran Canaria Airport”, with Juan Luis Jiménez and Pilar Socorro. *Competition and Regulatory Policy Workshop*. Fundación Rafael del Pino. April 2008. Madrid. (poster).

“The costs of the no differentiation: an application to Gran Canaria Airport pricing policy”, with Juan Luis Jiménez and Pilar Socorro. *Competition and Regulatory Policy Workshop*. University of Las Palmas de Gran Canaria. 25-26th January 2008. Las Palmas de Gran Canaria.

“Welfare effects of the allocation of airlines in different terminals”, with Pilar Socorro. *Competition and Regulatory Policy Workshop*. University of Las Palmas de Gran Canaria. 25-26th January 2008. Las Palmas de Gran Canaria.

“Pricing and user behaviour: the DIFFERENT project. Conclusions from Airport Case Studies”. *IMPRINT-NET Second Conference*. Implementing Pricing Reforms in Transport. 16th October 2007. Brussels.

“Optimal environmental policy in transport: unintended effects on consumers’ generalized price”, with Pilar Socorro. *The 11th World Conference on Transport Research*. 24-28th June 2007. University of California, Berkeley.

“Optimal environmental policy in transport: unintended effects on consumers’ generalized price”, with Pilar Socorro. *XXXI Simposio de Análisis Económico Oviedo*. 14-16th December 2006.

“Optimal environmental policy in transport: unintended effects on consumers’ generalized price”, with Pilar Socorro. *4th Annual Conference on Railroad Industry Structure*. 19-21th October 2006. Madrid.

“Optimal environmental policy in transport: unintended effects on consumers’ generalized price”, with P. Socorro. *5th Conference on Applied Infrastructure Research (INFRADAY)*. 6-7th October 2006. Berlin.

“Dealing with externalities at airports”. *IMPRINT-NET Air Transport Expert Group*. 29th September 2006. Brussels.

“Analysing mobility in peripheral regions of the European Union: the case of Canarias-Madeira-Azores”. With C. Román, J.C. Martín, R. Espino and G. Nombela. *XIV Congreso Panamericano de Ingeniería de Tránsito y Transporte*. 20-23th September 2006. Las Palmas de Gran Canaria.

Participation in panel at the *European Conference on ASD (air services development)*. 3-4th November 2005. Santa Cruz de Tenerife (Spain).

“Airport charges: an application of Madrid Barajas”, with Juan Carlos Martín. Italian Regional Science Association. *AISRe XXVI Conferenza Italiana di Scienze Regionali*. 17-19th October 2005. Naples.

“Social costs of noise at Madrid-Barajas airport”, with Juan Carlos Martín. Seminar from Institute for Transport Studies. 7th October 2005. University of Leeds.

“Social costs of noise at Madrid-Barajas airport”, with Juan Carlos Martín. *European Transport Conference*. 3-5th October 2005. Strasbourg.

“Social costs of noise at Madrid-Barajas airport”, with Juan Carlos Martín. *8th NECTAR Conference*. 2-4th

June 2005. Las Palmas de Gran Canaria (Spain).

“Evaluating different pricing policies on social welfare. An application to Madrid Barajas”, with Juan Carlos Martín. *8th NECTAR Conference*. 2-4th June 2005. Las Palmas de Gran Canaria.

“Multicriteria approach to analyse the relationship between service and safety quality in the US airline industry”, (with Juan Carlos Martín and Concepción Roman). *XXIX Reunión de Estudios Regionales*. 27-28th November 2003. Santander (Spain).

“La cuenta social de la carretera en España: metodología y resultados”, with Gustavo Nombela. *Jornada Española para la difusión del Transporte Marítimo de Corta Distancia en el Sector del Transporte Terrestre*. 21th October 2003. Valencia (Spain).

“Airport Congestion in the EU: More Investment or Better Pricing?”, with Gustavo Nombela and Ginés de Rus. *2nd Berlin Workshop on Applied Infrastructure Research*. 11th October 2003. University of Technology. Berlin.

“Multicriteria approach to analyse the relationship between service and safety quality in the US airline industry”, (with Juan Carlos Martín and Concepción Roman). *7th World Conference of Air Transport Research Society*. 10-12th July 2003. Toulouse (France).

“La Cuenta Social de la Carretera en España: ¿permiten impuestos y peajes cubrir los costes?”, with Gustavo Nombela). *Seminario sobre Road pricing: de la teoría a la práctica*. September 2002. University of Valencia.

“Mohring effects for Air Transport”, with Gustavo Nombela. *XXVII Reunión de Estudios Regionales*. 28-30th November 2001. Madrid.

“Evaluation of Congestion Costs for Madrid Airport (1997-2000)”, with Gustavo Nombela and Ginés de Rus. *IV Encuentro de Economía Aplicada*. 2001. Reus (Spain).

“European Airlines Marginal Costs”, with Gustavo Nombela. *IV Encuentro de Economía Aplicada*. 2001. Reus (Spain).

“Infrastructures Privatization: New Options for Competition in Ports and Airports”, with Lourdes Trujillo. *40th Congress of the European Regional Science Association*. 2000. Barcelona (Spain).

“European Air Transport Deregulation: A Panel Data Approach”, with Javier Campos. *8th World Conference on Transport Research*. 1998. Antwerp (Belgium).

“Seguridad en transporte aéreo, tarifas y beneficios empresariales: un análisis empírico”. *I Encuentro de Economía Aplicada*. 1998. Barcelona (Spain).

“Las infraestructuras aeroportuarias: una visión de los diferentes modelos de propiedad y gestión”, with Roberto Rendeiro. *1^a Conferencia Internacional sobre Transporte Aéreo en los Territorios Insulares*. 1998. Gran Canaria (Spain).

“An empirical model of Air Transport Safety”. *Second World Congress. Safety of Transportation*. 1998. Delft University of Technology. Delft.

“Safety and Air Fares”. *First Air Transport Research Group Conference*. 1997. Vancouver (Canada).

"European Air Transport Deregulation: A Panel Data Approach", with Javier Campos. *First Air Transport Research Group Conference*. 1997. Vancouver (Canada).

"Economic Aspects of Air Transport Safety". *3rd NECTAR Euroconference*. 1996. Mons (Belgium).

"Un modelo de seguridad en transporte aéreo". *V Congreso de Economía Nacional*. 1995. Las Palmas de Gran Canaria (Spain).

"Efectos de la desregulación del transporte aéreo en España", con J.D. Jorge-Calderón. *XX Reunión de Estudios Regionales*. 1994. Las Palmas de Gran Canaria (Spain).

VII. Participation in Conferences and Seminars

Connectivity for regional development. The Mesoamerican experience

Institution: International Transport Forum (OECD). Side event organized by the IADB
Date: 23-05-2019
Place: Leipzig (Germany)
Activity: Panel

Ensuring access for remote and rural regions

Institution: International Transport Forum (OECD).
Date: 23-05-2019
Place: Leipzig (Germany)
Activity: Fishbowl session

Cost-Benefit Analysis (CBA): an introduction

Institution: University of Ruse
Date: 18 April 2018
Place: Ruse (Bulgaria)
Activity: Seminar

Assessing regulatory changes in the transport sector

Institution: International Transport Forum (OECD)
Date: 6-7 October 2016
Place: Stockholm (Sweden)
Activity: Round table

La conectividad, un desafío de los destinos insulares

Institution: III Foro Internacional de Turismo
Date: 10 December 2015
Place: Maspalomas, Gran Canaria, (Spain)
Activity: Round table

Markets, Risks and State: What Policy Mix will work best?

Institution: European Aviation Conference
Date: 15 November 2013
Place: St. Gallen (Switzerland)
Activity: Round table

When trains go faster than planes: the strategic reaction of airlines in Spain

Institution: Institut d'Economia de Barcelona
Date: 13 March 2012

Place: Barcelona
Activity: Seminar

Las infraestructuras de transporte en Canarias: el papel de la evaluación económica

Institution: Real Sociedad Económica de Amigos del País de Tenerife. Seminar Planeta Tierra
Date: 14 June 2010
Place: Santa Cruz de Tenerife
Activity: Conference

Las conexiones de Canarias con el exterior. ¿Qué podemos decir los economistas?

Institution: Asociación para el Progreso de la Dirección. La Estratégica Autopista Aérea de Canarias: Nuestra Dependencia Exterior.
Date: 24th April 2009
Place: Santa Cruz de Tenerife
Activity: Conference

Los modos de transporte: sus cuentas

Institution: Universidad de verano Rovira i Virgili
Date: 4th July 2005
Place: Reus
Activity: Conference

Política y regulación en transporte aéreo

Institution: Universidad de verano de Maspalomas
Date: 16th July 2004
Place: Maspalomas
Activity: Conference

El transporte aéreo civil en las islas.

Institution: II Jornadas Aeronáuticas de Gran Canaria (Real Sociedad Económica de Amigos del País de Gran Canaria)
Date: 20th May 2004
Place: Las Palmas de Gran Canaria
Activity: Conference

Desarrollos del transporte aéreo al comienzo del nuevo milenio.

Institution: Foro TRANSNOVA (Gobierno de Canarias. Consejería de Turismo y Transportes)
Date: 28th April 2004
Place: Santa Cruz de Tenerife
Activity: Conference

El Mercado de Transporte Aéreo: Proceso Desregulador, Papel de la Competencia y Situación Actual

Institution: University of Sevilla

Date: 7th May 2003
Place: Seville
Activity: Conference

El Transporte en Canarias: Un análisis del modo aéreo

Institution: Parlamento de Canarias
Date: 2nd December 2002
Place: Tenerife
Activity: Parliamentary Hearing

Curso sobre Privatización y Regulación de Servicios e Infraestructuras de Transporte

Institution: University of Las Palmas de Gran Canaria and World Bank Institute
Date: April 1999 (1st edition); April 2000 (2nd edition)
Place: Las Palmas Gran Canaria
Activity: Presentation of case study and Transport Quality Regulation Lecture.

Las Infraestructuras Aeroportuarias: Una Visión de los Diferentes Modelos de Propiedad y Gestión

Institution: 1^a Conferencia Internacional sobre Transporte Aéreo en los Territorios Insulares
Date: 1998
Place: Las Palmas de Gran Canaria
Activity: Conference (with Roberto Rendeiro)

El Transporte en Canarias: cómo Combinar Criterios de Eficiencia y Equidad

Institution: Foro del Transporte en las Regiones Ultraperiféricas de la Unión Europea
Date: 2001
Place: Las Palmas de Gran Canaria
Activity: Conference

Una Evaluación del Sistema de Transporte Aéreo Canario

Institution: VII Congreso Ordinario de CCOO. Sector aéreo
Date: 2001
Place: Lanzarote
Activity: Conference

VIII. Teaching Experience (University of Las Palmas de Gran Canaria)

Date	Subjects	Degree
2012-2019	Principles of Microeconomics	Degree in Economics
2012-2019	Economic evaluation of projects	Degree in Industrial Engineering
2011-2012	Principles of Microeconomics	Degree in Economics and degree in Engineering
2010-2011	Principles of Macroeconomics Principles of Microeconomics	Degree in Economics
2008-2010	Introduction to Macroeconomics Introduction to Microeconomics	Degree in Economics
2002-2008	Introduction to Macroeconomics Introduction to Microeconomics Pricing and Regulation of Transport Services and Infrastructures	Degree in Economics Degree in Business Administration
2001-2002	Introduction to Macroeconomics Microeconomics	Ph.D. in Economics Degree in Economics Degree in Business Administration
2000-2001	Introduction to Macroeconomics Microeconomics II	Degree in Economics
1999-2000	Introduction to Macroeconomics Microeconomics II Advanced Microeconomics: Information Economics	Degree in Economics Ph.D. in Economics
1998-1999	Microeconomics Advanced Microeconomics: Information Economics	Degree in Business Administration Ph.D. in Economics
1996-1998	Introduction to Macroeconomics Microeconomics II	Degree in Economics
1995-1996	Introduction to Macroeconomics Introduction to Microeconomics	Degree in Economics
1994-1995	Political and Financial Economics Introduction to Microeconomics	MSc in Accounting and Auditing Degree in Economics and Degree in Business Administration
1989-1992	Economic Theory	Licenciatura en CC. Económicas y Empresariales (Plan Antiguo)

IX. Other Activities

- Expert evaluator in Cost Benefit Analysis for the Innovation and Networks Executive Agency (INEA). Horizon2020. European Commission.
- Evaluator for Social Sciences and Humanities Research Council of Canada (SSHRC).
- Member of the Organizing Committee of:
 - All ATARD workshops and Schools.
 - Seminario sobre Evaluación Económica de Proyectos de Transporte. CEDEX, Madrid, 15 and 16 November 2010.
 - I Encuentro de Economía del Transporte. “Desafíos de la política de transportes en España”. FEDEA, Madrid 14 March 2011.
 - Seminario Internacional sobre Gestión Privada de Aeropuertos. RACC, Madrid 24 May and 15 June 2011.
 - II Workshop on Transport Economics. “Competition and Regulation in Railways”. FEDEA, IEB, Madrid 12 March 2012.
 - Conference on airports competition. FEDEA, IEB, Barcelona 19 November 2012.
 - III Workshop on Transport Economics. “Economic analysis of transport and the environment”. FEDEA, IEB, Barcelona, 27 May 2013.
 - IV Workshop on Transport Economics. “Tendering transport services”. FEDEA, IEB, Barcelona, 19 May 2014.
- Leading the “Observatory of Transport” at Fundación de Estudios de Economía Aplicada (FEDEA) in Madrid. 2010-2014.
- Referee of Transport Policy, Economía Aplicada, Journal of Air Transport Management, Business and Society, Cuadernos de Gestión, International Journal of Transport Economics, Research in Transportation Business & Management, Transportation Research A, Transportation Research C, Annals of Tourism Research, Aviation, International Journal of Transport economics, Research in Transportation Economics, Applied Acoustics.
- Member of expert group in Air Transport of European project IMPRINT-NET.
- Lecturer in Cost Benefit Analysis. Evaluación Económica de Infraestructuras Portuarias. Máster en Gestión Portuaria y Logística. Universidad de Cádiz.
- Lecturer in “Cost Benefit Analysis. Cost-Benefit Analysis (CBA) of EU-financed projects – why and how?” Course organized by EIPA European Institute of Public Administration European. Centre for the Regions.
- Lecturer in “Cost Benefit Analysis Cost-Benefit Analysis (CBA)” at School COST action ATARD in Bergamo (February 2017) and Dublin (November 2017).
- Lecturer at “Experto en Gestión Aeronáutica y Aeroportuaria”. ULPGC and RSEAPGC. 2010-2011
- Lecturer at “Curso sobre Economía Canaria”. RSEAPGC. 2008-2009.

- Lecturer at “Master en Estudios Políticos y Sociales”. Subject: Economic Policy of European Countries. University of Madeira. November 2005.
- Lecturer at “Master in Industrial Economics” Universidad Carlos III de Madrid since 2006 till now.
- EPSRC Scholarship for PhD studies (part time) at *Institute of Transport Studies* of University of Leeds (UK).
- February-June 2004. Visitor at Institute of Transport Studies of University of Leeds (UK).
- Scientific Committee member *Congreso Panamericano de Ingeniería de Tránsito y Transporte*. Las Palmas de Gran Canaria 20-23th September 2006.
- Scientific Committee member *8th NECTAR Conference*. 2005.
- Scientific Committee member *Foro Transnova* 2005.
- Scientific Committee member *Foro Transnova* 2004.
- Special prize to PhD Thesis. Universidad de Las Palmas de Gran Canaria. Social Sciences (year 2000-2001).
- October 1992-June 1993: Departmental Assistant. Queen Mary and Westfield College. Economics Department.
- January-March 1992: Visitor. College of Aeronautics. Cranfield Institute of Technology.
- June 1991 and June 1993: Research Fellowships. Beca de la Fundación Universitaria de Las Palmas para el profesorado universitario.