

Short CV

David Roibás Alonso

Contact Address

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Education

2001: Ph.D in Economics. University of Oviedo, Spain.

1990: Graduate in Economics, University of Oviedo, Spain.

Professional Positions

2016- Associate Professor (TU), Department of Economics, University of Oviedo.

2010-2016 Associate Professor (CD), Department of Economics, University of Oviedo.

1991-2010: Assistant Professor, Department of Economics, University of Oviedo.

Research Interests / Research Profile

Efficiency and productivity analysis, agricultural economics, economics of risk and uncertainty, health economics, environment and natural resource economics.

Publications

Articles in peer-reviewed journals

García-Cornejo, B., J.A. Pérez-Méndez, **D. Roibás**, A. Wall. (2020). "Efficiency and sustainability in farm diversification initiatives in northern Spain." *Sustainability* (Switzerland) 12(10):3983. <https://doi.org/10.3390/su12103983>

Pérez-Méndez, J.A., **D. Roibás**, A. Wall. (2020). "Somatic cell counts, reproduction indicators, and technical efficiency in milk production: A stochastic frontier analysis for Spanish dairy farms." *Journal of Dairy Science* 103, 7141-7154. <https://doi.org/10.3168/jds.2019-17146>

García-Alonso, L., Moura, T.G.Z., **Roibas, D.** (2020). The effect of weather conditions on port technical efficiency. *Marine Policy*, 113, 103816. <https://doi.org/10.1016/j.marpol.2020.103816>

Perez-Mendez, J.A., **Roibas D.** Wall, A. (2019). Evaluating the effect of subsidies for rural development on agri-food and forestry firms: Technical progress and efficiency. *Applied Economic Analysis*, Vol. 27 No. 80, 150-167. <https://doi.org/10.1108/AEA-06-2019-0004>

Perez-Mendez, J. A., **Roibas, D.**, Wall, A. (2019). The influence of weather conditions on dairy production. *Agricultural Economics* (United Kingdom), 50(2), 165–175. <https://doi.org/10.1111/agec.12474>

Roibas, D., Garcia-Valiñas, M. A., Fernandez-Llera, R. (2019). Measuring the Impact of Water Supply Interruptions on Household Welfare. *Environmental and Resource Economics*, 73, 159–179. <https://doi.org/10.1007/s10640-018-0255-7>

Alvarez, A., García-Cornejo, B., Pérez-Méndez, J. A., **Roibás, D.** (2018). The profitability of value-added products in dairy farm diversification initiatives. *Spanish Journal of Agricultural Research*, 16(2), e0104. <https://doi.org/10.5424/sjar/2018162-11813>

Alvarez, A., García-cornejo, B., Pérez-méndez, J. A., **Roibás, D.** (2016). Diversification in Spanish Dairy Farms: Key Drivers of Performance. *International Food and Agribusiness Management Review*, 19(Special Issue B), 163–188 <https://doi.org/10.22004/ag.econ.244626>

Orea, L., Perez, J. A., **Roibas, D.** (2015). Evaluating the double effect of land fragmentation on technology choice and dairy farm productivity: A latent class model approach. *Land Use Policy*, 45, 189–198. <https://doi.org/10.1016/j.landusepol.2015.01.016>

Rodríguez-Álvarez, A., **Roibás, D.**, Wall, A. (2013). The response of decentralized health services to demand uncertainty and the role of political parties in the Spanish public health system. *Journal of Productivity Analysis*, 40(3), 357–365. <https://doi.org/10.1007/s11123-012-0295-x>

Rodríguez-Alvarez, A., **Roibás, D.**, Wall, A. (2012). Reserve capacity of public and private hospitals in response to demand uncertainty. *Health Economics*, 21(7), 839–851. <https://doi.org/10.1002/hec.1755>

Roibas, D., Alvarez, A. (2012). The contribution of genetics to milk composition: Evidence from Spain. *Agricultural Economics*, 43(2), 133–141. <https://doi.org/10.1111/j.1574-0862.2011.00571.x>

del Corral, J., Perez, J. A., **Roibas, D.** (2010). The impact of land fragmentation on milk production. *Journal of Dairy Science*, 94(1), 517–525. <https://doi.org/10.3168/jds.2010-3377>

Roibas, D., Alvarez, A. (2010). Impact of genetic progress on the profits of dairy farmers. *Journal of Dairy Science*, 93(9), 4366–4373. <https://doi.org/10.3168/jds.2010-3135>

Roibás, D., García-Valiñas, M. Á., Wall, A. (2007). Measuring welfare losses from interruption and pricing as responses to water shortages: An application to the case of Seville. *Environmental and Resource Economics*, 38(2), 231–243. <https://doi.org/10.1007/s10640-006-9072-5>

Roibas, D. (2005). Dynamic factor demand and irreversible adjustment in the Spanish milk sector. *Spanish Economic Review*, 7(4), 289–306. <https://doi.org/10.1007/s10108-005-0105-y>

Álvarez, A., Arias, C., **Roibás, D.** (2005). Análisis de la calidad de la leche en un modelo microeconómico multi-output: El papel de la genética. *Economía Agraria y Recursos Naturales*, 5(10), 3. <https://doi.org/10.7201/earn.2005.10.01>

Orea, L., **Roibás, D.**, Wall, A. (2004). Choosing the Technical Efficiency Orientation to Analyze Firms' Technology: A Model Selection Test Approach. *Journal of Productivity Analysis*, 22(1/2), 51–71. <https://doi.org/10.1023/b:prod.0000034691.84524.b2>

Books

Orea, L., Pérez, J.A., Roibás, D. and Wall, A. (2015) *Comportamiento medioambiental y competitividad de las explotaciones lecheras asturianas*, Ediciones de la Universidad de Oviedo, ISBN: ISBN: 978-84-16343-29-4.

Recent Research Projects

Title: Nudges for Economics of Water Tariffs (NEWTS)
 Sponsor: Water JPI/Spanish Ministry of Economy and Competitiveness
 Period: 2019-2022
 Principal researcher: García-Valiñas, M.A.

Title: *Transformation of the labour market following the great recession*
 Sponsor: Spanish Ministry of Economy and Competitiveness.
 Period: January 2018- December 2020
 Principal Researcher: Ana Rodríguez Álvarez and César Rodríguez Gutiérrez

Title: Strategies for guaranteeing the survival and sustainability of agricultural production: investment, organic production and land concentration.

Sponsor: Spanish Ministry of Economy, Industry and Competitiveness

Period, December 31, 2017 – December 31, 2020

Principal Researcher: Alan Wall

Title: Oviedo Efficiency Group.

Sponsor: Ministry of Economics and Employment of Principality of Asturias, FEDER Funds

Period, December 31, 2014 – December 31, 2017

Principal Researcher: Luis Orea

Title: Sustainability and competitiveness of the Spanish dairy farms and their link to the rural environment within the new agricultural policy.

Sponsor: Spanish Ministry of Science and Innovation

Period, October 2014 - October 2017

Principal Researcher: Alan Wall

Title: Productive and environmental performance of dairy farms: determinants, type of holdings and compatibility of economic and environmental objectives.

Sponsor: Spanish Ministry of Science and Innovation.

Period: January, 2010 – December, 2013.

Principal Researcher: Luis Orea

Title: Análisis de los factores clave para el éxito en la elaboración y comercialización de productos en las ganaderías. El caso de la leche ecológica.

Sponsor: Principado de Asturias.

Period: Marzo, 2011 – December, 2012.

Principal Researcher: José Antonio Pérez.

Title: Evolución del valor añadido y otros indicadores de competitividad en la industria agroalimentaria y forestal en Asturias en el período 2006-2010. Efecto de las ayudas de la Medida 123.

Sponsor: Consejería de Medio Rural y Pesca del Principado de Asturias.

Period, 2011.

Principal Researcher: José Antonio Pérez Méndez.

Title: New models to measure regional productivity growth and its determinants

Sponsor: Spanish Ministry of Science and Innovation.

Period: October 1, 2007 – September 30, 2010

Principal Researcher: Antonio Álvarez

Title: Análisis de los factores explicativos del nivel de eficiencia económica observado en las explotaciones lecheras.

Sponsor: FICYT, CAPSA, Caja Rural de Asturias, ASCOL.

Period, December, 2006 – December, 2008.

Principal Researcher: José Antonio Pérez Méndez.

Title: Aplicación de un modelo de eficiencia económica para el análisis de la calidad de la leche.

Sponsor: Consejería de Medio Rural y Pesca del Principado de Asturias.

Period, May, 2002 – December, 2003.

Principal Researcher: José Antonio Pérez Méndez.