

CURRICULUM VITAE *(Brief)*

Name Rafael de Arce Borda

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APPOINTMENTS HELD

2000- present Associate Professor of Econometrics
Universidad Autónoma de Madrid

2005- present Professor of Applied Economics
Université Paris Dauphine

2012- present Professor of Multivariate Analysis in National Centre of Social Research
(CIS) Master

1999-2014 Coordinator of UAM – Dauphine Double Degree
Universidad Autónoma de Madrid

2009- 2012 Director “Master in Economics and International Relations:
Goeconomics and Geopolitics” (UAM)

2008 - 2011 Head of Research Unit of Econometrics and Informatics
Applied Economics Department Universidad Autónoma de
Madrid

2000-2007 General Secretary Institute for Economic Forecasting Lawrence R. Klein

1996- present Researcher Institute Lawrence R. Klein

1995-2000 Assistant Professor in Econometrics

1993-1995 Internship Institute Lawrence R. Klein

UNIVERSITY EDUCATION

- 1996-2000 PhD (Economics)
ARCH and GARCH Models: An Application to IBEX-35 forecast”
Supervisors: Professors A. Pulido, A.Vicens, B. Pena, G. de los Ríos.
Director: Julian Pérez
University Autonoma de Madrid
- 1993-1995 MA Institute of forecasting Lawrence R. Klein
- 1988-1993 BA Economics and Business Administration (UAM)

FELLOWSHIPS AND VISITING SCHOLARSHIPS

University of Princeton, Centre for Migration and Development, United States (2012)
Technical University of Dresden, Germany (2008 – 2012, permanent Spring Master Class)
University of Georgetown, United States (2009)
University degli Studi de Firenze, Italy (2009)
International University of Andalusia, Spain (2006 and 2008)
University of Warsaw, Centre for Migration Research, Poland (2007).
University of Southbank, United Kingdom (2003-2004)
Université Nancy 2, France Institut de commerce de Nancy (2002-2003).
Université Paris-Dauphine, France (1999-2001)

MAIN PUBLICATIONS (LAST YEARS)

Peer reviewed papers:

1. “Reintegration upon return: insights from Ecuadorian returnees from Spain”. Anda David, Marion Mercier, Ramón Mahía and Rafael de Arce. *International Migration*. Volume 54, Issue 6 December 2016 Pages 56–73 Impact Factor (JCR): 1.618.
<http://dx.doi.org/10.1111/imig.12288>
2. “Barriers to the investment in the Concentrated Solar Power sector in Morocco: A foresight approach using the Cross Impact Analysis for a large number of events”. Eva Medina, Rafael de Arce and Ramón Mahía. *Futures* 71 (2015) Pp. 36-56. Impact Factor (JCR): 1.242. <http://dx.doi.org/10.1016/j.futures.2015.06.005>
3. “Will Energy Save FDI Inflows to Turkey from the Cool Down of EU Accession Prospects? A Case Study of How Geo-political Alliances and Regional Networks Matter”. Miguel Eduardo Sánchez-Martín, Rafael de Arce and Gonzalo Escribano. *Turkish Studies*. September, 15th (2015). Impact Factor (JCR): 0.737.
<http://dx.doi.org/10.1080/14683849.2015.1081068>
4. “Assessing the Future of a CSP Industry in Morocco”. Ramón Mahía, Rafael de Arce and Eva Medina. *Energy Policy* 69 (2014) 586–597. Impact Factor (JCR): 3.045
<http://dx.doi.org/10.1016/j.enpol.2014.02.024>.

5. "How regional integration and transnational energy networks have boosted FDI in Turkey (and may cease to do so)". Miguel Eduardo Sánchez-Martín, Gonzalo Escribano and Rafael de Arce. *World Bank Group Policy Research Working Paper series*, 6970. Washington July 2014.
6. "Do changes in the rules of the game affect FDI flows in Latin America? A look at the macroeconomic, institutional and regional integration determinants of FDI in the region". Miguel Ángel Sánchez-Martín, Rafael de Arce and Gonzalo Escribano. *European Journal of Political Economy* 34 (2014) 279–299. Impact Factor (JCR): 1.248 <http://dx.doi.org/10.1016/j.ejpoleco.2014.02.001>.
7. "Trade liberalization and poverty reduction in Africa: computable general equilibrium models approach. Literature review". Rafael De Arce, Saúl de Vicente, Ramón Mahía, Eva Medina. *International Journal of Political Science and Development*, 2014. Vol. 2(5): 90-96.
8. "An Estimation of the Economic Impact of Migrant Access on GDP: the case of the Madrid Region". Rafael de Arce and Ramón Mahía. *International Migration*, Volume 51, Issue 1, pages 169–185, February 2013. Impact Factor (JCR): 1.618. <http://dx.doi.org/10.1111/j.1468-2435.2010.00641.x>.
9. "A Simulation of the Economic Impact of Renewable Energy Development in Morocco". Rafael de Arce, R. Mahía, E. Medina and G. Escribano. *Energy Policy* Vol. 46 (2012) Pp 335–345. Impact Factor (JCR): 3.045 <http://dx.doi.org/10.1016/j.enpol.2012.03.068>.
10. "Have Migrants Bought a Round-Trip Ticket? Determinants in Probability of Immigrants' Return in Spain". Rafael de Arce and R. Mahía. *Global Economy Journal*, June 15th, 2012 <http://dx.doi.org/10.1515/1524-5861.1831>.
11. "El impacto económico de la inmigración en España 2000-2009: antes y después de la crisis" (*Economic Impact of Immigration in Spain 2000-2009: before and after the crisis*) Rafael de Arce. *Información Comercial Española, ICE*. Número especial "Retos económicos derivados de la inmigración en España. Revista de economía, núm. 854. ISSN 0019-977X, June 2010.
12. "¿Cuáles son las prioridades económicas de desarrollo de los MPC ante una potencial área de libre comercio agrícola con la UE? Claves cuantitativas para el diseño de una hoja de ruta por país" (Which are the priorities of the Mediterranean Partner Countries toward a potential Free trade Area with the EU: Quantitative Keys for a Road Map Design). Rafael de Arce y Ramón Mahía *Información Comercial Española, ICE: Revista de economía*, ISSN 0019-977X, Enero-febrero de 2009.
13. "Análisis de similitud relativa entre la estructura de exportación de los países mediterráneos y la Unión Europea (ISREE). El caso especial de España" Ramón Mahía Casado y Rafael de Arce Borda. *Papeles de economía española*, ISSN 0210-9107, Nº 113, 2007, pags. 51-60.
14. "La protección arancelaria al comercio agrícola mundial diez años después de la firma del acuerdo sobre agricultura de la Ronda Uruguay". Ramón Mahía Casado, Rafael de Arce Borda y Gonzalo Escribano Francés. *Información Comercial Española, ICE: Revista de economía*, ISSN 0019-977X, Nº 820, 2005, pags. 223-234.
15. "Supresión del apoyo interno a la agricultura y liberalización comercial

euromediterránea: Implicaciones en materia de precios agrícolas”. Rafael de Arce, Ramón Mahía Casado, Alejandro V. Lorca Corrons y Gonzalo Escribano Francés. *Papeles de economía española*, ISSN 0210-9107, Nº 103, 2005, pags. 285-302.

16. “20 años de modelos ARCH: una visión de conjunto de las distintas variantes de la familia” Rafael de Arce Borda. *Estudios de economía aplicada*, ISSN 1133-3197, Vol. 22, Nº 1, 2004 (Ejemplar dedicado a: Renta: Generación y Dtribución), pags. 157-158.
17. “Inversión y comercio entre la unión Europea y Latinoamérica: pasado, presente y geoestrategia en el futuro”. Rafael de Arce Borda, Ramón Mahía Casado. *Cuadernos de economía*, ISSN 0210-0266, Vol. 26, Nº. 72, 2003, pags. 153-187.
18. “Condicionantes de la crisis latinoamericana actual y perspectivas futuras”. Ramón Mahía Casado, Rafael de Arce Borda. *Cuadernos de economía*, ISSN 0210-0266, Vol. 26, Nº. 71, 2003, pags. 47-82.

Books and chapters:

1. “A Dynamic Input–Output Scheme for the Estimation of Labour Migration Impact on GDP and Employment in Receiving Countries with an Application for Spain”. Rafael de Arce and Ramón Mahía. Chapter 7th in “The Socio-Economic Impact of Migration: Effects on Trade, Remittances, Output, and the Labour Market”. Edited by Artal-Tur, Peri and Requena. SPRINGER, Population Economics. London, June, 2014. http://dx.doi.org/10.1007/978-3-319-04078-3_7
2. “Inmigración y Pobreza” (Immigration and Poverty), Ramón Mahía and Rafael de Arce en “Anuario de la Inmigración en 2013”, coordinated by Joaquín Arango, Josep Oliver y Elieso Aja. CIDOB, Barcelona. June, 2014.
3. “Immigration Policy and its Impact: a Comparative Study with a Focus on Spain”. Rafael de Arce et Al. LSE Migration Studies Unit and CIEES. London School of Economics, 2011. ISBN: 978-84-615-8469-7
4. “Determinants of Bilateral Immigration Flows Between The European Union and some Mediterranean Partner Countries: Algeria, Egypt, Morocco, Tunisia and Turkey”. Rafael de Arce and Ramón Mahia. LAP Lambert Academic Publishing, Germany 2010. ISBN: 978-3-8383-2413-5. November 2010.
5. “Energy Security for the EU in the 21st Century: Markets, geopolitics and Corridors”. Chapter 11th: “The Europeanization of EU Member States’ Energy Policies: Convergence Patterns”. Contributors: G.Escribano, R. de Arce and R. Mahía. Routledge Editions. Group Francis & Taylor, November 2011.
6. “Direct and indirect contribution of immigrants' workers to value added in the Madrid region: a dynamic input-output approach”. Rafael de Arce Borda, Ramón Mahía Casado. *Proceedings VI Congreso sobre las migraciones en España: A Coruña*, 17-19 de septiembre de 2009, 2010, ISBN 978-84-9749-399-4, págs. 775-788.
7. “El impacto de la adhesión de Turquía a la Unión Europea” Rafael de Arce y Ramón Mahía Biblioteca Nueva. Instituto Universitario de Estudios Europeos. ISBN: 978-84-9742-849-1. Pgs: 177-223. Junio de 2008.
8. “El impacto macroeconómico de la inmigración en la Comunidad de Madrid”. Coord. Ramón Mahia. Autores: Rafael de Arce et al. 2006. ISBN 84-451-2886-8. Ed: Consejería

de Economía e Innovación Tecnológica. Comunidad de Madrid.

9. "La agricultura y la asociación euromediterránea: retos y oportunidades: hacia un pacto agrícola euromediterráneo". Rafael de Arce, Gonzalo Escribano, Ramón Mahía y Alejandro Lorca 2006. ISBN 84-393-6986-7. Hacia un pacto agrícola Euromediterráneo. Ed: Institut Europeu de la Mediterrania IEMED Madrid.
10. "Estimación del impacto económico global de la inmigración sobre el valor añadido y el empleo en la comunidad de Madrid". Rafael de Arce Borda, Ramón Mahía Casado. "Abstracción y realidad en la economía: ensayos en homenaje al profesor Alejandro Lorca Corrons", coord. por María Lucía Cabañes, 2007, ISBN 978-84-88123-66-4, págs. 561-582.
11. "Impacto económico de la inmigración femenina latinoamericana femenina en la economía española". Ramón Mahía, José Vicéns, Rafael de Arce y Eva Medina. Junio 2006 - INSTITUTO DE LA MUJER. Estudios e Investigaciones. Electronic publication.
12. "Estudios en Economía: en memoria de Lourdes Barriga Rincón". Rafael de Arce. 2006. ISBN 84-8344-038-5 .Ed: Ediciones UAM.
13. « Les Enjeux des Échanges Agricoles Euro-Méditerranéens. THE EUROPEAN UNION AND THE MEDITERRANEAN. The Mediterranean's European Challenge". Rafael de Arce, Gonzalo Escribano, Ramón Mahía y Alejandro Lorca. ISBN 99909-67-34-2 .Ed: European Documentation and Research Centre.

Working papers:

1. "La inversión española directa en Latinoamérica: un enfoque de gobernabilidad y gestión de riesgos". M. Sánchez-Martín, G. Escribano y R. de Arce. ARI 13/2013 - 25/4/2013. Real Instituto Elcano. ARI 13/2013 - 25/4/2013.
2. "The Impact of a Renewable Energies Cluster in Southern Countries: Viability and Economic Impact in Morocco". FEM35-05. Directed by Rafael de Arce and Alejandro Lorca. Femise-European Commission. May, 2013.
3. "Renewable Energies and Sustainable Development in the Mediterranean" FEM34-02. Femise- European Commission. Directed by Rafael de Arce and Alejandro Lorca. January, 2012.
4. "Impacto de la crisis laboral sobre la población inmigrante". Ramón Mahía and Rafael de Arce. ARI, 21/2010, Real Instituto Elcano, ISSN: 1696-3466 enero 2010.
5. "The Europeanization of Member States' Energy Security Policies" REACCES: Risk of Energy Availability. Common Corridors for Europe Supply Security. VIIth FP Grant Agreement no.: 212011. Gonzalo Escribano, Rafael de Arce and Ramón Mahía. June, 2009.
6. "The Design of a Road Map for Agricultural Liberalization in the Euro-Mediterranean Region: the need for prioritisation". Rafael de Arce y Ramón Mahía. Chapters 3 and 4. Femise FEM 31-03. September 2007.
7. "An equilibrium model for Free Trade Area creation economic impacts estimation" Rafael de Arce and Ramón Mahía. Econpapers, 10455.

8. "L'impact de la libéralisation agricole dans le contexte du partenariat euro-méditerranéen" Rafael de Arce et al. Rapport FEMISE novembre 2003.
9. "A Euro-Mediterranean Agricultural Trade Agreement: Benefits for the South and Costs for the EU". Rafael de Arce y Ramón Mahía. MPRA, Econpapers 12721.
10. "Las relaciones de la Unión Europea con Latinoamérica". Rafael de Arce. CESLA Working Papers, Marzo, 2003.

RESEARCH PROJECTS (LAST YEARS):

"The Jean Monnet Network on Atlantic Studies" 2016-2019. ERASMUS +. Led by John Hopkins University and sponsored by European Commission. *Jean Monnet Chair*.

"NO-POOR: Enhancing Knowledge for Renewed Policies against Poverty". 2012-2016. Workpackage Leader. Seventh Framework Programme EU. Grant Agreement no.: 290752.

"Resistencia a las nuevas tecnologías representaciones sociales de las innovaciones tecnocientíficas dinámicas de la opinión pública". 2013. R+D+i Projects. Ministerio de Economía y Competitividad. Grant Agreement no. CSO2012-35688.

World Seaborne Trade Forecast 2015-2030 (2014) Sponsored by Ingeniería de Sistemas para la Defensa de España, ISDEFE.

"The impact of a Renewable Energies Cluster in southern countries: viability and economic impact in Morocco" (2012-2013). Contract N. FEM35-05. Sponsored by European Commission – FEMISE.

"Renewable Energies and Sustainable Development in the Mediterranean: Morocco and the Mediterranean Solar Plan (MSP)", 2011-2012 sponsored by European Commission – FEMISE.

"REACCESS: Energy corridors Risk Evaluation" (2008-2009), Seventh Framework Programme EU. Grant Agreement no.: 212011

"A dynamic long and short term approach to migration between MPC's and the EU: demographical framework and the role of economic and social reforms" (2008), sponsored by European Commission – FEMISE.

"Migration Impact in Pension System in Spain" (2008), sponsored by Social and Economic Council (Spain).

"GO-EUROMED: The Political Economy of Governance in the Euro-Mediterranean Partnership" (2007), Sixth Framework Programme EU. Grant Agreement No. 028386.

"Trade Impact of Turkey Accession to EU" (2007), sponsored by European Commission FEMISE and Chair Jean Monnet University San Pablo CEU.

"Decision Tree of the Roadmap For Agricultural Liberalization in The Euro-Mediterranean Zone" (2006), sponsored by European Commission FEMISE.

"Estimation of a tariff only level to replace the current European protection system for the

banana market” (2006), sponsored by Canary Islands Government.

“A box evaluation tool for Alternatives Mediterranean Agricultural Policy” (2005-2006), sponsored by European Commission FEMISE.

CONSULTANCY AND EXTERNAL ACTIVITY

Rafael de Arce has participated as technical consultant in several studies for ENEL-Endesa, IBM, ENAGAS, Iberdrola, REPSOL, France Telecom, Telefónica International, Canary Islands Government, Red Eléctrica de España, Government of the Autonomous Community of Madrid, Ministry of Health (Spain), Spanish Council of Chambers of Commerce, SANITAS, United Nations (LINK Project), ISDEFE, ...

REFEREEING ACTIVITY

Revista de Estudios Regionales
Journal of Applied Economics
International Political Science Review
Estudios de Economía Aplicada
Economic Modeling
Renewable and Sustainable Energy Review
Energy Policy
HORIZON 2020 Evaluator (2015)

OTHER

Member of Royal Economic Society, UK.
Member of LINK Project Expert Group (United Nations).
Consensus Forecast and Price Waterhouse and Coopers Panellist.
Member of EUROMESCO (Barcelona Conference and European Commission).
Member of FEMISE (Barcelona Conference and European Commission).

September, 2016