

Curriculum Vitae

Prof. INMACULADA MARTINEZ-ZARZOSO PhD

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EXPERTISE

International economics: International trade theories and empirics, gravity model of trade, integration agreements, technology and international trade, economic growth.

Development economics: Economic effects of development aid, trade and economic development, aid and growth.

Environmental economics: Economic growth and greenhouse gas emissions, the Kyoto mechanisms, regional integration processes and environmental issues.

Quantitative methods: Cross-section and panel data econometrics, generalised linear models.

Extensive teaching experience at university level.

AWARDS AND FELLOWSHIPS

Best Paper Award CREMed 2009-2010, Center for Research on the Economies of the Mediterranean (University Pompeu Fabra, Barcelona, Spain).

Fast Track two-year Fellowship Program 2009-2011, *Robert Bosch Foundation, Germany*. Fast Track provides financial support and offers intensive seminars to 20 outstanding women scientists working in the humanities and in particular, encourages them to consider their own strengths and to pursue a high-level career in science.

Spanish Ministry of Education and Sciences Fellowship, 1993-1994 and 2005-2006.

Valencian Community - Regional Government Fellowship (Generalitat Valenciana), Valencia, Spain, 01/2001-02/2001.

Deutscher Akademischer Austausch Dienst (DAAD) Fellowship, September 2000.

School of Commerce Fellowship, Department of Economics, University of Birmingham, 1995-1997.

EDITORIAL ACTIVITIES

Associated Editor *Economics-e-journal*. Since 2011.

Editorial Board Member *Natural Resources*, since 2010.

Guest Editor *ICE Revista de Economía*. Special issue on International Trade and Transport Costs 2007.

SCIENTIFIC COMMITTEES

Applied economics Meetings, <http://www.revecap.com/encuentros/english/default.html>.

Verein für Socialpolitik. Ausschuss für Entwicklungsländer.

EDUCATION

1995-1998 **PhD in Economics**, University of Birmingham, United Kingdom.

1993-1994 **Master in Economics**, University of Birmingham, United Kingdom.

1990-1993 **Postgraduate Studies in Applied Economics**, University of Valencia, Spain.
1985-1990 **Bachelor Degree in Economics, Finance and Business Administration**,
University of Valencia, Spain.

EMPLOYMENT HISTORY

Current positions

Since 04/2011 **Research associate**, Department of Economics, Georg-August-Universität
Goettingen, Germany.
Since 10/2003 **Associate professor**, Department of Economics, University Jaume I, Castellón,
Spain. *Sabbatical 2005-2006. On leave 09/2006-08/2009 and 01/2010-
02/2011. Part-time 04/2011-present.*
Since 01/1995 **Research associate**, Instituto Inter-Universitario de Economía Internacional.
Universities: Jaume I, Universidad de Alicante, and Universidad de Valencia,
Spain.

Previous positions

10/2010-03/2011 **Vertreterin des Lehrstuhls Ökonometrie (W3)**, Georg-August-Universität
Goettingen, Germany.
01/2010-09/2010 **Invited professor of International Economics**, Georg-August-Universität
Göttingen, Germany.
09/2006-08/2009 **DAAD invited professor of International Economics (W2)**, Georg-August-
Universität Göttingen, Germany.
06/2009-07/2009 **Consultant**, World Bank. Project on Uruguay – Evaluation of a Country’s
Potential to Develop as a Regional Logistics Hub.
08/2005-07/2006 **Research associate**, Ibero-America Institute for Economic Research, Georg-
August-Universität Göttingen.
08/ 2000-01/2001 **Visiting researcher**, Ibero-America Institute for Economic Research, Georg-
August-Universität Göttingen.
02/1999-10/2003 **Assistant professor**, Department of Economics, University Jaume I, Spain.
10/1995-04/1997 **Scientific assistant**, Department of Economics, University of Birmingham,
UK.

EXTERNALLY FUNDED RESEARCH PROJECTS

Ongoing projects

9/2010-9/2013 International Trade, Sustainable Development and Climate Change. Funded by
the Spanish Ministry of Science and Innovation (ECO2010-15863), €31000.
Project Leader: Prof. Inmaculada Martínez-Zarzoso PhD.
12/2010-11/2011 International Trade, Transport and the Environment in the Euro-Med Area.
Funded by *the Center for Research on the Economies of the Mediterranean*
(CREMed, University Pompeu Fabra, Barcelona), €15000. Project Leader: Prof.
Inmaculada Martínez-Zarzoso PhD.
2010-2012 Climate Change, Development, and Justice: Options for De-Carbonization of
Development Paths. Joint research project with Potsdam Institute for Climate
Change Research, funded by *the German Ministry of Science and Technology*
(BMBF), 1.1 MEUR. Project Leader: Prof. Dr. Ottmar Edenhofer.
3/2009-2/2012 Development of a Logistic Platform for Spanish External Trade Flows. Funded
by *the Spanish Ministry of Transport and Infrastructure*, 1.5 MEUR. Project
Leader: Prof. Dr. Celestino Suárez Burguet.

- 12/2009-12/2011 Aid Effectiveness from a Donor and from a Recipient Perspective. Funded by the German Science Foundation (DFG). Project Leader: Prof. Dr. Axel Dreher.
- 1/2010-1/2011 Trade and Environmental Issues in the Framework of the Euro-Mediterranean Economic Relations. Program of Scientific Cooperation between Spain and the Mediterranean Countries. Founded by the Spanish Ministry of Cooperation and Foreign Affairs. Project Leader: Prof. Dr. Celestino Suárez Burguet.

PHD DISSERTATIONS

Principal Supervision

I am currently supervising 4 PhD Dissertations. The candidates are Florian Johannsen and Shanping Yan at Georg-August-Universität Göttingen, and Maria Dolores Parra and Rafael Morales Lage at University Jaume I.

Valenzuela Klages, Bárbara (2008), “Crecimiento y Actividad Exportadora, Política Comercial e Integración Económica en el Cono Sur Americano”, Facultad de Ciencias Jurídicas y Económicas, Universidad Jaume I, Castellón (Spain).

Márquez Ramos, Laura (2007), “New determinants of international trade flows. Analysis of effects for developed and developing countries”, Facultad de Ciencias Jurídicas y Económicas, Universidad Jaume I, Castellón (Spain). European PhD, *Best Thesis Award*.

PUBLICATIONS

Journals

“How Costly is Modern Maritime Piracy for the International Community?” (2011), with Bensassi, S., *Review of International Economics*, forthcoming.

“Economic Integration and the Two Margins of Trade: An Application to the Euro-Mediterranean Agreements” (2011), with Bensassi, S., Márquez-Ramos, L., *Journal of African Economies*, forthcoming.

“The Log of Gravity Revisited” (2011), *Applied Economics*, forthcoming.

“Does Foreign Aid Really Raise Per-Capita Income? A Time Series Perspective” (2011), with Nowak-Lehmann D., F., Herzer, D., Klasen, S. and Dreher, A., *Canadian Journal of Economics*, forthcoming.

“Determinants of Deep Integration: Examining Socio-Political Factors” (2011), with Márquez-Ramos, L. and Suárez-Burguet, C. *Open Economies Review* 22(3), 479-500.

“Maritime Networks, Services Structure and Maritime Trade” (2011), with Márquez-Ramos, L. Pérez Garcia, E. and Wilmsmeier, G., *Networks and Spatial Economics*, forthcoming. DOI 10.1007/s11067-010-9128-5.

“Regional Hub Port Development: The Case of Montevideo, Uruguay” (2011), with Fiess, N. and Wilmsmeier, G., *International Journal of Shipping and Transport Logistics* 3 (4), 475-493.

“Deeper Integration: What Effects on Trade” (2011), with Martin Clever, *Swiss Review of International Economic Relations (Aussenwirtschaft)* 66, 7-32.

“Trade Responses to Freight Rates: The Case of Intra Latin-American Maritime Trade” (2011), with Wilmsmeier, G., *European Transport* 48, 24-46.

“The Impact of Urbanization on CO₂ Emissions: Evidence from Developing Countries” (2011), with Maurotti, A., *Ecological Economics* 70, 1344-1353.

“Modelling the Dynamics of Market Shares in a Panel Data Framework: Econometric and Empirical Issues” (2011), with Herzer, D., Nowak-Lehmann D., F., and Vollmer, S., *Applied Economics* 43 (7), 823-835.

“Productivity, Trade and Institutional Quality: A Panel Analysis” (2010), with Doyle, E., *Southern Economic Journal* 77 (3), 726-752.

- “International Transport Costs and the Margins of Intra-Latin American Trade” (2010), with Wilmsmeier, G., *Swiss Review of International Economic Relations (Ausserwirtschaft)* 65, 49-71.
- “The Effect of Technological Innovation on International Trade. A Non-Linear Approach” (2010), with Márquez-Ramos, L., *Economics* 4, 2010-11.
- <http://www.economics-ejournal.org/economics/journalarticles/2010-11>.
- “Determinants of Maritime Transport Costs - A Panel Data Analysis” (2010), with Wilmsmeier, G., *Transportation Planning and Technology* 33 (1), 105-121.
- “Unit Values, Productivity and Trade” (2009), with Vollmer, S. and Nowak-Lehmann D., F., *Global Economic Journal* 9 (3), 1-19.
- “Are Regional Trading Agreements Beneficial? Static and Dynamic Panel Gravity Models” (2009), with Nowak-Lehmann D., F., and Horsewood, N., *North American Journal of Economics and Finance* 20, 46-65.
- “Does German Development Aid Promote German Exports?” (2009), with Klasen, S., Larch, M. and Nowak-Lehmann D., F., *German Economic Review* 10 (3), 317-338.
- “Aid and Trade from a Donor Perspective” (2009), with Klasen, S., Herzer, D. and Nowak-Lehmann D., F., *Journal of Development Studies* 45 (7), 1184-1202.
- “Do Transport Costs Have a Differential Effect on Trade at the Sectoral Level?” (2008), with Pérez-García, E. and Suárez-Burguet, C., *Applied Economics* 40 (24), 3145-3157.
- “The Effect of Trade Facilitation on Sectoral Trade” (2008), with Márquez-Ramos, L., *B.E. Journal of Economic Analysis & Policy (Topics)* 8 (1), 1-42.
- “Is Distance a Good Proxy for Transport Costs? The Case of Competing Transport Modes” (2007), with Nowak-Lehmann D., F., *Journal of International Trade and Economic Development* 16 (3), 411-434.
- “The Impact of Population on CO2 Emissions: Evidence from European Countries” (2007), with Bengochea-Moranco, A. and Morales-Lage, R., *Environmental and Resource Economics* 38, 497-512.
- “The Role of Distance in Gravity Regressions: Is there really a Missing Globalisation Puzzle?” (2007), with Márquez-Ramos, L. and Suárez-Burguet, C., *B.E. Journal of Economic Analysis & Policy (Topics)* 7(1), 1-25.
- “Turkey and the Ankara Treaty of 1963: What can trade Integration do for Turkish Exports?” (2007), with Herzer, D., Nowak-Lehmann D., F., and Vollmer, S., *Journal of Common Market Studies* 45 (3), 719-743.
- “Does Heterogeneity Matter in the Context of the Gravity Model?” (2005), with Márquez-Ramos, L., *Economics Bulletin* 6, <http://www.economicsbulletin.com/2005/volume6/EB-05F10089A.pdf>.
- “Infrastructure, Transport Costs and Trade” (2005), with Coca, P. and Márquez-Ramos, L., *Review of Economic Analysis* 20, 3-22.
- “Transport Costs and Trade: Empirical Evidence for Latin American Imports from the European Union” (2005), with Suárez-Burguet, C., *Journal of International Trade and Economic Development* 14 (3), 227-245.
- “Does Technology Foster Trade? Empirical Evidence for Developed and Developing Countries” (2005), with Márquez-Ramos, L., *Atlantic Economic Journal* 33, 55-69.
- “Mercosur-European Union Trade: How Important is EU Trade Liberalization for Mercosur Exports?” (2005), with Nowak-Lehmann D., F., *The International Trade Journal* 19, 1, 1-35.
- “Economic and Geographical Distance: Explaining Mercosur Exports to the EU” (2004), with Nowak-Lehmann D., F., *Open Economies Review* 15, 3, 291-314.

“Determinants of Mode Choice (Road/Shipping) for Freight Transport: Evidence for four Spanish Exporting Sectors” (2004), García Menéndez, L. and Pérez-García, E., *Journal of Transport Economics and Policy* 38, 447-466.

“Testing for an Environmental Kuznets Curve in Latin-American Countries” (2004), with Bengochea-Morancho, A., *Review of Economic Analysis* 18, 1, 3-26.

“Testing for Environmental Kuznets Curves for CO₂ Evidence from Pooled Mean Group Estimates” (2004), with Bengochea-Morancho, A., *Economics Letters* 32, 1, 121- 126.

“Gravity Model: An Application to Trade between Regional Blocs” (2004), *Atlantic Economic Journal* 31, 2, 174-187.

“The Impact of Transport Costs on International Trade. The Case of Spanish Ceramic Exports” (2003), with García-Menéndez, L. and Suárez-Burguet, C., *Maritime Economics & Logistics* 5, 2, 179-198.

“Augmented Gravity Model: An Empirical Application to Mercusur-European Union Trade Flows” (2003), with Nowak-Lehmann D., F., *Journal of Applied Economics* VI, 2, 269- 294.

“Does Hysteresis Occur In Trade? Some Evidence for Bilateral Export Flows at a Disaggregated Level” (2001), *The International Trade Journal*, 57-88.

“Economic Growth and CO₂ Emissions in the European Union” (2001), with Bengochea-Morancho, A. and Higón-Tamarit, F., *Environmental & Resource Economics* 19 (2), 165-172.

“The Determinants of Trade Performance: Influence of R&D on Export Flows” (2000), with Suárez-Burguet, C., *Applied Economics* 32, 1939-946.

Selected Book Chapters

Nowak-Lehmann D., Felicitas, Vollmer, Sebastian and Martínez-Zarzoso, Inmaculada (2010), “Competitiveness - A Comparison of China and Mexico” in *Dimensions of Competitiveness*, De Grauwe, P. (Ed.), MIT Press.

Martínez-Zarzoso, I. (2009), “On Transport Costs and Sectoral Trade: Further Evidence for LA Imports from the European Union” in *The European Union and Emerging Markets*, G. Tondl, (Ed.), Springer-Verlag, Vienna/New York.

Vollmer, S., Nowak-Lehmann D., F., and Martínez-Zarzoso, I. (2009), “Comparing French and Spanish Exports to Emerging and Developed Markets” in *The European Union and Emerging Markets*, G. Tondl, (Ed.), Springer-Verlag, Vienna/New York.

Márquez-Ramos, L. and Martínez-Zarzoso, I. (2008), “El Efecto de la Innovación Tecnológica sobre el Comercio Internacional” in *Nuevas Estrategias de Gestión en la Economía de la Innovación*, Edited by Sergio A. Berumen, Chapter 4, 61-79, Marcial Pons, Madrid, Spain.

Nowak-Lehmann D., F., Herzer, D., Vollmer, S. and Martínez-Zarzoso, I. (2008), “Chile’s Market Share in the EU Market: The Role of Price Competition in a Panel Analysis Setting” in *Trade Integration and Economic Development. The EU and Latin America*, G. Tondl, (Ed.), pp. 189-220. ISBN: 9783211751497. Springer-Verlag, Vienna/New York.

Márquez-Ramos, L. and Martínez-Zarzoso, I. (2008), “On Distance Effects on Gravity Models. Short versus Long Distances” in *Trade Integration and Economic Development. The EU and Latin America*, G. Tondl, (Ed.), ISBN: 9783211751497. Springer-Verlag, Vienna/New York.

INVITED TALKS

24/05/2011 “CEECs Integration into Regional and Global Production Networks” Universität Osnabrück, Institut für Empirische Wirtschaftsforschung, Volkswirtschaftliches Forschungsseminar.

15/07/2010 “Economic Integration and the Two Margins of Trade: An Application to the Euro-Mediterranean Agreements” Valencian Institute of Economic Research (BBVA Foundation).

- 27/05/2009 “Regional Integration and Economic Development in Latin America” Lateinamerika Institut, Freie University Berlin, Germany.
- 04/11/2008 “The Role of Transport Costs and Distance for Trade and Trade Analysis” National Board of Trade, Stockholm, Sweden.
- 05/11/2008 “How Important are Transport Costs for International Trade? An Empirical Study for Spanish Exporting Sectors” Jönköping International Business School, Jönköping, Sweden.
- 16/02/2007 “Relating Productivity and Trade 1980-2000: A Chicken and Egg Analysis”, Department of Economics, University of Birmingham, UK.
- 04/12/2007 “The Productivity, Trade and Institutional Quality Nexus: A Panel Analysis” University of Hamburg, “Forschungsseminar Quantitative Wirtschaftsforschung”.
- 24/03/2004 “La Globalización en el Contexto Económico Actual” Valencia City Council, Valencia, Spain.
- 03/01/2002 “Flujos de Comercio y Especialización en el Corredor Mediterraneo” Fundació Valenciaport, Valencia, Spain.

REFEREE ACTIVITIES

Canadian Journal of Economics, Review of International Economics, World Development, Journal of Development Studies, African Economics Review, Journal of Environment and Development, Journal of Comparative Economics, Journal of Economic Integration, Journal of Common Market Studies, Economics of Transition, Environmental and Resource Economics, Economics Letters, Review of Income and Wealth, Journal of Applied Economics, BE Journals of Economic Policy, Journal of International Trade and Economic Development, Applied Economics Quarterly, Environmental Science & Policy, Revista de Economía Mundial and Revista de Economía Aplicada.

Expert Reviewer of Working Group III (Mitigation and Climate Change) of the *Intergovernmental Panel on Climate Change (IPCC)*.

PRESS ARTICLES

El País – ¿Estamos ante una Crisis de la Democracia? 03-03-2011.

Europe’s World – On-line Comment on Carlo Secchi’s “Is Latin America Europe’s Next Big Missed Business Opportunity?”, Spring (2008).

El Mundo – Coverings (2005) “Competitividad de las Empresas Exportadoras del Sector Cerámico: Efectos del Nuevo Entorno Económico Internacional”.

El Mundo – Cevisama (2004) “El Impacto de los Costes de Transporte en el Comercio Internacional: El Caso de las Exportaciones Españolas de Cerámica”.

PROFESSIONAL MEMBERSHIP

Canadian Economic Association, American Economic Association, Econometric Society, International Economics and Finance Society, Development Economics Research Network, Asociación Libre de Economía, Forum Iberoamericano de Economía Marítima and INFER Research Group.