

PERSONAL INFORMATION



GÓMEZ GÓMEZ Carlos Mario

📍 Facultad de Ciencia Económicas Empresariales y Turismo, Departamento de Economía, Plaza de la Victoria s/n. 28802 Alcalá de Henares (Spain)

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🌐 <http://www3.uah.es/econ>

📅 Date of birth 20/01/1959 | 🇪🇸 Nationality Spanish

WORK EXPERIENCE

15 Dec 2017–Present
February 2016- present

**Professor of Economics (Catedrático de Fundamentos del Análisis Económico)
Chair of the Department of Economics**

Universidad de Alcalá
<http://www3.uah.es/econ>

28 Sep 1995–14 Dec 2017

Professor of Economics (Profesor Titular de Fundamentos del Análisis Económico)

Universidad de Alcalá
c/ Plaza de la Victoria s/n, 28803 Alcalá de Henares (ES)
<http://www3.uah.es/econ>

1 Jan 2010–Present

Research Associate | Chair of the Area of Economic and Institutional Analysis

IMDEA Water (Madrid Institute of Advanced Studies on Water)
c/ Punto Net, 4, 28805 Alcalá de Henares (Spain)

Oct 2013–Aug 2014

University of Oxford. Santander Fellow

Lady Margareth Hall College, Oxford (United Kingdom)

1 Jan 2000–30 Jun 2000

University of California Berkeley Visiting Scholar

Institute of Business and Economic Research
University of California (Berkeley) (USA)

1 Jan 1994–31 Aug 1994

University of California Berkeley Research Associate

Institute of Business and Economic Research
University of California (Berkeley) (USA)

EDUCATION AND TRAINING

26 Aug 1988

PhD in Economics

Universidad de Alcalá

1 Aug 1993

MSc in Agricultural Economics and Development

University of London. Wye College (United Kingdom)

- 18 Jun 1986 **MSc in Public Administration**
INAP (Spain)
- 1 Feb 1988 **Bs in Economics (Licenciado en Economía)**
Ministerio de Educación (Convalidaciones) (Spain)
- 28 Dec 1982 **Bs. in Public Administration (Administrador Público)**
ESAP (Colombia)

PERSONAL SKILLS

Mother tongue(s) Spanish

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C1	C1	C1	C2
French	C1	C2	C2	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

ADDITIONAL INFORMATION

Research Projects
Proyectos de Investigación

AQUACROSS Knowledge, Assessment, and Management for AQUATIC Biodiversity and Ecosystem Services across EU policies (AQUACROSS). European Commission. Horizon 2020. 2015-2018

NWRM Project: Atmospheric Precipitation- Protection and efficient use of Fresh Water Integration on Natural Water Retention Measures in river basin management. DG ENVIRONMENT (European Commission).

Contrato Marco de Consultoría con el Banco Mundial: Framework Contract. Targeted Economic Analysis on Water Resources Management Issues. The 2030 Water Resources Group (IFC, World Bank Group)-WEF (World Economic Forum)

Contrato Marco de Consultoría con la Comisión Europea: Framework Contract to provide services to support the development and implementation of EU Freshwater Policies DG ENVIRONMENT (European Commission). 2012-2016

Potential for growth and job creation through the protection of water resources, with a special focus on the further implementation of the Water Framework Directive and Floods Directive. DG Environment (European Commission). 2014 and 2015.

ONU Agua: The Water Energy Nexus: Background and Overview for the UN-Water Annual International Conference. Preparing for World Water Day 2014: Partnerships for improving water and energy access, efficiency and sustainability. 13-16 January 2014.

EPI Water: Evaluating Economic Policy Instruments for Sustainable Water Management in Europe. European Commission. Seventh Framework Programme. 2011-2013.

ONU Agua: Coordination of the report on Valuing Water for the 4th World Water Development Report (2010-2011). United Nations. UN-Water.

ONU Agua: Background and reports for the conference "Water in the Green Economy in practice: Towards Rio+20. United Nations. Autumn 2011.

Development of a System to Renaturalize River Flows on the Basis of Physical and Economic Criteria. Ministry of Science and Innovation. CICYT. National R & D Programme. 2009-2012.

CONSOLIDER TRAGUA: Water Treatment and Reuse in Integrated Water Resource Management. Ministry of Science and Innovation. CICYT. 2007-2011.

Peer reviewed papers with impact

Gómez, C. M. (2018) Editorial: Economics at a River Basin Scale. Water Economics and Policy. Vol.

factor (in english)

4, No. 1. DOI: 10.1142/S2382624X1802001

Gómez, C.M.; Pérez-B., C. D.; Loch, A., and Adamson, D. (2018) Managing water scarcity at a river basin scale with economic instruments. *Water Economics and Policy*. Vol. 4, No. 1 (2018) 1750004 (31 pages)

Perez-Blanco, C.D; Delacámara, G. and Gómez, C.M. (2016) Revealing the willingness to pay for income insurance in agriculture. *Journal of Risk Research*, 2015. 19(7):873-893

Perez-Blanco, C.D; Delacámara, G. and Gómez, C.M. (2015). Water charging and water saving in agriculture. Insights from a Revealed Preference Model in a Mediterranean basin. *Environmental Modeling and Software*. Volume 69, July 2015, Pages 90–100.

Pérez-B, C. and Gomez, C.M. (2014) Drought management plans and water availability in agriculture: A risk assessment model for a Southern European basin. *Weather and Climate Extremes*. Vol. 4:11-18. DOI: 10.1016/j.wace.2014.02.003.

Gomez, C.M. and Perez, C.D. (2014) Simple Myths and Basic Maths about Greening Irrigation. *Water Resources Management*. 2014. DOI.10.1007/s11269-014-0725-9

Gomez, C.M.; Pérez, C. and Batalla, R. (2014) Tradeoffs in river restoration: Flushing flows vs. hydropower generation in the Lower Ebro River, Spain. *Journal of Hydrology*. 2014. Volume 518, Part A: 130–139. DOI: 10.1016/j.jhydrol.2013.08.029

Perez Blanco, C. and Gómez, C. M. (2014) Insuring water: A practical risk management option in water scarce and drought prone regions? *Water Policy*. Vol. 16.2: 244-263.

Perez, C. D. and Gómez, C.M. (2013) Designing optimum insurance schemes to reduce water overexploitation during drought events: a case study of La Campiña, Guadalquivir River Basin, Spain. *Journal of Environmental Economics and Policy*. Vol. 2(1): 1-15. DOI:10.1080/21606544.2012.745232

Gómez, C.M. and Pérez, C.D. (2012) Do Drought Management Plans Reduce Drought Risk? A Risk Assessment Model for a Mediterranean River Basin. *Ecological Economics*. Volume 76: 42-48 (April)

Maestu, J. and Gómez, C.M.(2011). Drivers of Economic Information in River Basin Planning. *International Journal of Water Resources Development*. Vol. 27, No.4:665–676, December.

Gutierrez, C. and Gómez, C. M. (2011) Assessing Irrigation Efficiency Improvements by Using a Preference Revelation Model. *Spanish Journal of Agricultural Research*. 9(4), 1009-1020.

Tirado, D.; Lozano, J. y Gómez, C.M. (2010) Economic Regional Impacts of Water Transfers: The Role of Factor Mobility in a Case Study of the Agricultural Sector of the Balearic Islands. *Revista de Economía Agraria y Recursos Naturales*. Vol. 10.2: 41-59.

Rey-Maqueira, J.; Lozano, J. and Gómez, C.M. (2009) Quality Standards vs Taxation in a Dynamic Environmental Model of a Tourism Economy. *Environmental Modelling and Software*. Vol. 24: 1483-1490.

Lozano, J. Gómez, Carlos M. and Rey-Maqueira, J. (2008) The TALC hypothesis and economic growth theory. *Tourism Economics*. Vol. 14. No. 4.(December).

Books and book chapters

CM Gómez, G Delacámara (2016) Perspectivas de futuro: los mercados de agua en el conjunto de la política hidráulica española. In. Gómez-Limón, J.A. and Calatrava, J. (eds.) *Los Mercados de Agua en España: Presente y Perspectivas*. Cajamar Caja Rural

Lago, M; Mysiak, J; Gómez, C.M.; Delacámara, G. and Maziotis, A. (2015) Use of Economic Instruments in Water Policy: Insights from International Experience. *Global Issues in Water Policy* 14 Springer.

Maestu, J.; Gómez, C. M. and Green, C. (2015) Economic Development. Chapter 3 of the United Nations *World Water Development Report: Water for a Sustainable World*. UN: pp:23-27.

Delacámara, G.; Gómez, C.M. and Maestu, J. (2015) Water Trading Opportunities and Challenges in Europe. In Burnett, K.; Howitt, R.; Roumasset, J. and Wada, C. (eds) *Routledge Handbook of Water Economics and Institutions*. 2015. Chapter 17: págs. 279-293. ISBN: 978-0-415-72856-0.

Gutierrez, C.; Pérez, C.; Gómez, C.M. and Berbel, J. (2015) Price Volatility and Water Demand in Agriculture. A Case Study of the Guadalquivir River Basin (Spain) In Boumaris, T.; Berbel, J.; Manos, B. and Viaggi, D. (eds). *Economics of Water Management in Agriculture*. 2015. Págs. 319-348. CRC Press. Taylor and Francis Group. ISBN 978-1-4822-3839-6.

Gómez, C.M. Interwies, E. and Görlitz, S. (2013). Concerns About Water Trading And How We Are Dealing With Them: An Introduction. In: Maestu, J. (ed.) *Water Trading and Global Water Scarcity Resources for the Future* Press. Routledge. Taylor and Francis Group. UK.

Gómez, C.M. (2013). Reform to Overcome Legal and Institutional Barriers to Trading. An

Introduction. In: Maestu, J.(ed.) Water Trading and Global Water Scarcity Resources for the Future Press. Routledge. Taylor and Francis Group. UK

Gómez, C.M. (2013). Can we get incentives right? An Introduction. In: Maestu, J. (ed.) Water Trading and Global Water Scarcity. Resources for the Future Press. Routledge. Taylor and Francis Group. UK.

Maestu, J. and Gómez, C.M. (2012) Valuing Water. Chapter 23 of the 4th World Water Development Report. United Nations. UN-Water. Pages: 533-549.

Maestu, J. and Gómez, C.M. (2010) Water Uses in Transition. In. Garrido, R. and Llamas, R. (ed.) Water Policy in Spain. Taylor and Francis. Pags.39-48.

Gutiérrez, C. and Gómez, C.M. (2009) Efecto de la Política Agraria Sobre la Política de Agua. In. Limón, J. et. Al. (eds.) La Economía del Agua de Riego en España: Una Perspectiva Regional. Colección Economía. Fundación Cajamar. Pags. 365-382.

Gómez, C. M. and Nortes, D. (2010) Los Servicios Ambientales y el Desarrollo en las Reservas de la Biosfera de Madrid. En. Onaindía, M. (ed.) Servicios Ambientales en Reservas de la Biosfera Españolas. Ministerio de Medio Ambiente y Medio Rural y Marino. Cap. 9:185-207.

Peer reviewed papers in spanish

Pérez, C.D; Gómez, C.M. and Villar G. A. (2011) El Riesgo de Disponibilidad de Agua en la Agricultura: Una Aplicación a las Cuencas del Guadalquivir y del Segura. *Revista de Estudios de Economía Aplicada*. Vol: 29.1: 333-358.

Pérez B. Carlos D.; Gómez, C. M. Garrido, R. (2010) Cambio Estructural Regional y Agua: Escasez, Dependencia e Impactos Sobre el Tejido Económico. El Caso de Andalucía. *Revista de Estudios de Economía Aplicada*. 2.28: 423-446.

Gómez, C. M. (2009) La Eficiencia en la Asignación del Agua: Principios Básicos y Hechos Estilizados en España. *Información Comercial Española*. Vol. 847: 23-40.

Tirado, D.; Gómez, Carlos M. and Lozano, J. (2006). Un Modelo de Equilibrio General Aplicado a Baleares: Análisis Económico de la Reasignación Intrasectorial del Agua Para Uso Agrícola. *Revista Española de Estudios Agrosociales y Pesqueros*. 209 I: 75- 109

Azqueta, Diego, Gómez, Carlos M. (2004) La economía ambiental en España: los retos del futuro. *Papeles de Economía Española*. 100 (II): 264- 274.

Gómez, Carlos M. (2004) Análisis Económico de la Corrupción. *Quórum*; *Revista de Pensamiento Iberoamericano*. Volumen: 5: 264- 274. España

Gómez, Carlos M. (2001) Economía y Violencia en Colombia. *Quórum*; *Revista de Pensamiento Iberoamericano*. 159- 173.

Gómez, Carlos M. (2000) Población, Medio Ambiente y Crecimiento Económico: ¿Tres Piezas Incompatibles del Desarrollo Sostenible?. *Ekonomi Gerizan*. Volumen: 7: 242-: 260.

Gómez, Carlos M.: (2000) Teoría Económica de los Impuestos Pigouvianos: Información y Eficiencia. *Lecturas de Economía*. Volumen: 53:: 93-123. Colombia

Gómez, Carlos M. (1998) La Gestión Económica de los Recursos Naturales y sus Críticos. *Revista Asturiana de Economía*. Vol.: 13:: 7- 25.

Gómez, Carlos M. (1995) Los Instrumentos de Política Ambiental en España y la Unión Europea. *Economistas*. Vol. 64: 435-

Technical reports and working papers

CM Gómez, G Delacámara, J Arévalo-Torres, J Barbière, AL Barbosa, B Boteler, F Culhane, M Daam, MP Gosselin, T Hein, A Iglesias-Campos, S Jähmig, M Lago, S Langhans, J Martínez-López, A Nogueira, A Lillebø, T O'Higgins, G Piet, F Pletterbauer, M Pusch, P Reichert, L Robinson, J Rouillard, M Schlüter The AQUACROSS Innovative Concept. Deliverable 3.1. European Union's Horizon 2020 Framework Programme for Research and Innovation Grant Agreement No. 642317.

Drought Management Plans and Water Availability in Agriculture. A Risk Assessment Model for a Southern European Basin. Nota di Lavoro, Fondazione Eni Enrico Mattei - FEEM. 2014-057.

The Flushing Flow Cost: A Prohibitive River Restoration Alternative? The Case of the Lower Ebro River. Nota di Lavoro, Fondazione Eni Enrico Mattei - FEEM. 068.2014

An Integrated Risk Assessment Model for the Implementation of Drought Insurance Markets in Spain. Nota di Lavoro, Fondazione Eni Enrico Mattei - FEEM. . 062-2014

Design and Development of Economic Policy Instruments In European Water Policy. EPI-Water - Evaluating Economic Policy Instruments for Sustainable Water Management in Europe. December 2013.

Evaluating Economic Policy Instruments for Sustainable Water Management in Europe. EPI-WATER Synthesis Report . European Union EPI Water, D5.1 – December 2013.

Changing current practice in the application of EPIs to achieve the objectives of the WFD: Issues and Options. EPI-Water Discussion Paper. 1. February 2013

A methodology to assess long term effect of land use change on annual runoff and infiltration rates in semi-arid areas. An application to Mar Menor catchment (Spain). In: Pascual, J.A.; Sanz, J. and Bustamante, I. Cuadernos de Geomática (1). IMDEA Agua. 2013. ISBN 978-84-695-6936-8. Págs. 37–55.

Evaluating Economic Policy Instruments for Sustainable Water Management in Europe. EPI-Water: Case Studies' Inception Report. European Union, EPI Water, D4.1 – March 2012.

Evaluating Economic Policy Instruments for Sustainable Water Management in Europe: Review of the Assessment Framework and Toolbox. In European Union. EPI Water, D2.3 – February 2012.

Water planning in the transition towards a green economy. Water in the Green Economy in Practice: Towards Rio+ 20. UN Water Conference: Water in the Green Economy.. June 2012. Págs. 46.

Evaluating Economic Policy Instruments for Sustainable Water Management in Europe. EPI-Water: WP3 EX-POST Case studies Lower Ebro (Spain): Voluntary agreement for river regime restoration services. European Union. EPI Water, D3.1 – Review Reports. 2011. Págs 41.

Evaluating Economic Policy Instruments for Sustainable Water Management in Europe. EPI-Water: Water transfers in the Tagus River Basin. European Union. EPI Water, D3.1 – Review Reports. 2011. págs. 53.

Lectures, Conferences and Seminars (To be updated)

Good Water Governance and Transparency. 23rd OSCE Economic and Environmental Forum. Water Governance in the OSCE Area: Increasing Security and Stability Through cooperation. Vienna Austria. 26-27 January. 2015.

Financial and Economic Instruments for a Sustainable Water Future. 2015 UN-Water Annual International Zaragoza Conference. Water and Sustainable Development: From Vision to Action. 15-17 January 2015

SPADIS: Smart Pricing and Drought Insurance Systems II EIPWater Annual Conference.. Barcelona, Spain. November 2014.

Water Flooding and Water Scarcity: How do we address a future paradox?. The Gaudy Sunday. LMH - Lady Margaret Hall. University of Oxford, United Kingdom. June 2014

Mainstreaming water trading in water policy International Conference on Policy Mixes in Environmental and Conservation Policies. Leipzig, Germany. February 2014.

Simple Myths and Basic Maths about Greening Irrigation EGU (European Geophysical Union) General Assembly. Viena. 2014.

The Water Energy Nexus: Scenarios for the future. El nexa agua energía: Escenarios futuros de demanda de agua y energía Seminario sobre Energía, Cambio Climático y Cooperación para el Desarrollo. Bilbao, España. Octubre 2014.

Myths and Maths of Water Efficiency: An Analytical Framework to Assess the Real Outcome of Water Saving Technologies in Irrigation. 87th Annual Conference of the Agricultural Economics Society. Warwick, United Kingdom. April 2013.

Scarcity and Droughts. Frontiers in Economics of Natural Hazards and Disaster Risk Reduction. Financing Disaster Risk Reduction and Climate Adaptation. Belpasso, Sicily, Italy. September 2013

Economic Instruments (Payment for ecosystem services, Water Markets, Pricing Water-Related Services) 6th World Water Forum, Marsella Francia. March 2012. Water Markets and Other Market-based Policy Instruments for Addressing Water

Belpasso International Summer School on Environmental and Resource Economics(2013).Frontiers in Economics of Natural Hazards and Disaster Risk Reduction Financing Disaster Risk Reduction and Climate Adaptation. 1st- 7th September 2013, Belpasso, Italy.

La Crisis Europea(2013) Doctorado en Ciencias Económicas. Universidad Nacional de Colombia. Bogotá.

87th Annual Conference of the Agricultural Economics Society, University of Warwick, United Kingdom.8 - 10 April 2013

Economic Policy Instruments for Water Policy: the EPI Water Project. Special Session convened by the OCDE at the **6th World Water Forum**. Marseille, France. March 13th 2012.

Development of private insurance schemes as a means to reduce water overexploitation during droughts. **European Association of Agricultural Economists. 123rd Seminar**, February 23rd - 24th, 2012 Dublin. Ireland.

Voluntary Agreement for River restoration in the Lower Ebro (Spain). **Conference: Understanding the Application of Economic Policy Instruments (EPIs) in Water Management Review of Empirical Evidence, Experiences and Lessons Learned from Europe and Elsewhere.** Berlin, 26 - 27 January 2012

Water Planning: an international perspective. **Conference: Water in the Green Economy: paving the Road to Río+20.** United Nations (UN-Water). Zaragoza. 3-5 October 2011.

Water Planning Towards a Green Economy in the Ebro River Basin. **Conference: Water in the Green Economy: paving the Road to Río+20.** United Nations (UN-Water). Zaragoza. 3-5 October 2011.

Enhancing Irrigation Efficiency but Increasing the Demand for Water: The Jevons' Paradox. **Conference of the European Association of Agricultural Economists.** Zurich. August 29- September 2, 2011.

The MODERE Model and the Economic Analysis of Farmers' Decisions. **107th European Agricultural Economics Society Seminar**, January 30-February 1, 2008, Seville, Spain.

The MODERE Model and The Economic Analysis of Farmers' Decisions. 107th Seminar, January 30-February 1, 2008, Sevilla, Spain

Memberships

Member of the scientific council of the Man and Biosphere MaB Program UNESCO. UNESCO. from 2008 to March 2017.

Member of the Board of Trustees of the University of Alcalá. 2006-2008.

Member of the Government Council of the University of Alcalá. Since 2017 and from 2002-2008

Member of the Directive Committee of the International Association for Tourism Economics (IATE). 2009-2011.

Member of the Direction Board of AERNA (Spanish Portuguese Association of Environmental and Resource Economists (2006-2012)

Guest Editor of Water Economics and Policy (2014-2017)

Reviewer and member of the scientific committee of various peer reviewed journals and international conferences.

Honours and awards

2013 Award of the University of Alcalá Board of Trustees for the transfer of knowledge to society. 2013

Alcalá Santander Fellowship of the University of Oxford. Fellow of the Lady Margaret Hall College. Michaelmas and Trinity terms 2013-2014.

4 Sexenios (3 de investigación + 1 transferencia de conocimiento)

Leader of Innovation Groups in the European Union:

SPADIS: Smart Pricing And Drought Insurance Schemes in Mediterranean Countries.

An Action Group within the European Innovation Partnership for Water

Others:

Twitter Research Gate Linkedin Google Scholar Citations