



## C. Dionisio Pérez-Blanco

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### ABOUT ME

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I am a Distinguished Research Fellow at Universidad de Salamanca, where I am Principal Investigator of the TALANOA-WATER (EUR 2 500 000), SWAN (total budget: EUR 500 000) and ATACC (EUR 136 000) projects. I am a successful awardee of the Marie Skłodowska-Curie, the AXA Research Fund and Ikerbasque fellowships. Overall, I have successfully applied to competitive calls worth over EUR 3.8 million during the past 5 years, including 2 Climate-KIC Sustainable Land Use calls. I lead a group of 8 researchers at USAL and I have been recently appointed coordinator of Water Future's Economic Instruments of Water Security Working Group, an international network of 25 renowned scientists co-developing the pioneering Global Water Assessment. I have published 25 scientific papers in major international peer-reviewed multi-disciplinary journals with impact factor, including top-field journals such as Nature Sustainability. All these achievements have been matured in the 6 years since I completed my PhD, which received the highest possible distinctions (summa cum laude and PhD Extraordinary Award 2016).

### WORK EXPERIENCE

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#### Distinguished Research Fellow

**Universidad de Salamanca** [ 01/06/2018 – Current ]

**Address:** Salamanca (Spain)

#### Assistant Professor

**Universidad de Alcalá** [ 01/09/2017 – 31/05/2018 ]

**Address:** Alcalá de Henares (Spain)

#### AXA Research Fund PostDoc Fellow (2016-2018) Researcher (2013-2016) Associate Researcher (2018-)

**Euro-Mediterranean Centre on Climate Change (CMCC)** [ 01/11/2013 – Current ]

**Address:** Venice (Italy)

#### Marie Skłodowska-Curie PostDoc Fellow (2015-2016) Researcher

**Fondazione Eni Enrico Mattei (FEEM)** [ 01/11/2013 – 31/12/2017 ]

**Address:** Venice (Italy)

## Lecturer

*Università Ca' Foscari Venezia* [ 31/07/2015 – 31/08/2017 ]

**Address:** Venice (Italy)

## Researcher

*Madrid Institute for Advanced Studies in Water Technologies (IMDEA-Water)* [ 01/09/2011 – 31/10/2013 ]

**Address:** Alcalá de Henares (Madrid) (Spain)

## Researcher and Lecturer

*Universidad de Alcalá* [ 01/08/2010 – 31/10/2013 ]

**Address:** Alcalá de Henares (Madrid) (Spain)

## Researcher

*Spanish Research Council - Public Goods and Policies Institute* [ 16/01/2009 – 31/07/2010 ]

**Address:** Madrid (Spain)

## Researcher

*Universidad de Alcalá* [ 01/02/2008 – 15/01/2009 ]

**Address:** Alcalá de Henares (Madrid) (Spain)

## Researcher

*Universidad de Salamanca - Inter-university Observatory for International Co-operation and Developm* [ 15/07/2008 – 15/11/2008 ]

**Address:** Salamanca (Spain)

## Volunteer

*NGO Fondo Ecuatoriano Populorum Progressio (FEPP)* [ 14/07/2007 – 03/10/2007 ]

**Address:** Quito (Ecuador)

## EDUCATION AND TRAINING

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### PhD in Economics (with honors, "summa cum laude")

*Universidad de Alcalá* [ 12/11/2009 – 07/02/2014 ]

**Address:** Alcalá de Henares (Spain)

**Field(s) of study:** Environmental economics

**Level in EQF :** EQF level 8

"Economic instruments for water management in Spanish Mediterranean basins"

Director: Carlos Mario Gómez Gómez

### MSc in Applied Economic Analysis (with honors)

*Universidad de Alcalá* [ 01/09/2007 – 11/11/2009 ]

**Address:** Alcalá de Henares (Spain)

**Field(s) of study:** Economics

**Level in EQF :** EQF level 7

## MSc in Development Economics and International Co-operation (with honors)

*Università degli Studi di Roma Tor Vergata* [ 01/09/2006 – 15/06/2007 ]

**Address:** Rome (Italy)

**Field(s) of study:** Development Economics

**Level in EQF :** EQF level 7

## Economics Degree

*Universidad de Salamanca* [ 15/09/2002 – 26/06/2006 ]

**Address:** Salamanca (Spain)

**Field(s) of study:** Economics

**Level in EQF :** EQF level 6

## LANGUAGE SKILLS

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Mother tongue(s):

### Spanish

#### English

LISTENING: C2 READING: C2 WRITING: C2

SPOKEN PRODUCTION: C2

SPOKEN INTERACTION: C2

#### Italian

LISTENING: C2 READING: C2 WRITING: C2

SPOKEN PRODUCTION: C2

SPOKEN INTERACTION: C2

#### French

LISTENING: A2 READING: B1 WRITING: A2

SPOKEN PRODUCTION: A2 SPOKEN INTERACTION: A2 SPOKEN PRODUCTION: A1 SPOKEN INTERACTION: A1

#### Japanese

LISTENING: A1 READING: A1 WRITING: A1

#### Portuguese

LISTENING: A1 READING: A1 WRITING: A1

SPOKEN PRODUCTION: A1 SPOKEN INTERACTION: A1

## DIGITAL SKILLS

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Microsoft Office / Google Docs / GDrive / Netlogo / GAMS / STATA / Demetra / Eviews / Limdep / Maple / Matlab

## DRIVING LICENCE

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Driving Licence: **AM**

Driving Licence: **A1**

Driving Licence: **A2**

Driving Licence: **A**

Driving Licence: **B1**

Driving Licence: **B**



## Peer-reviewed papers

- Pérez-Blanco, C.D., Essenfelder, A., Perry, C., 2020. Irrigation technology and water conservation: from panaceas to actual solutions. *Review of Environmental Economics and Policy*, in press.
- Loch, A., Adamson, D., Pérez-Blanco, C.D., Carmody, E., Felbab-Brown, V., 2020. Assessing institutions, ineffective penalties and grand theft water. *Nature Sustainability*, in press.
- Parrado, R., Pérez-Blanco, C.D., Gutiérrez-Martín, C., Gil-García, L., 2020. To charge or to cap in agricultural water management. Insights from modular iterative modeling for the assessment of two-way micro-macro-economic feedback links. *Science of the Total Environment*, in press.
- Loch, A., Santato, S., Pérez-Blanco, C.D., Mysiak, J., 2020. Measuring the Transaction Costs of Historical Shifts to Informal Drought Management Institutions in Italy. *Water* 12, 1866.
- Sapino, F., Pérez-Blanco, C.D., Gutiérrez-Martín, C., Frontuto, V., 2020. An ensemble experiment of mathematical programming models to assess socio-economic effects of agricultural water pricing reform in the Piedmont Region, Italy. *Journal of Environmental Management* 267, 110645.
- Pérez-Blanco, C.D., Essenfelder, A.H., Gutiérrez-Martín, C., 2020. A tale of two rivers: Integrated hydro-economic modeling for the evaluation of trading opportunities and return flow externalities in inter-basin agricultural water markets. *Journal of Hydrology* 584, 124676.
- Pérez-Blanco, C.D., Standardi, G., 2019. Farm waters run deep: a coupled positive multi-attribute utility programming and computable general equilibrium model to assess the economy-wide impacts of water buyback. *Agric. Water Manag.* 213, 336–351.
- Parrado, R., Pérez-Blanco, C.D., Gutiérrez-Martín, C., Standardi, G., 2019. Micro-macro feedback links of agricultural water management: Insights from a coupled iterative positive Multi-Attribute Utility Programming and Computable General Equilibrium model in a Mediterranean basin. *J. Hydrol.* 569, 291–309.
- Essenfelder, A., Pérez-Blanco, C.D., Mayer, A., 2018. Rationalizing Systems Analysis for the Evaluation of Adaptation Strategies in Complex Human-Water Systems. *Earth's Future*, 6(9), 1181-1206.
- Rey, D., Pérez-Blanco, C.D., Escrivá-Bou, A., Girard, C., Veldkamp, T.I.E., 2018. Role of economic instruments in water allocation reform: lessons from Europe. *Int. J. Water Resour. Dev.* 0, 1–34.
- Pérez-Blanco, C.D., Gutiérrez-Martín, C., 2017. Buy me a river: Use of multi-attribute non-linear utility functions to address overcompensation in agricultural water buyback. *Agricultural Water Management*, 190, 6-20.
- Pérez-Blanco, C.D., Koks, E., Calliari, E., Mysiak, J., 2017. Economic impacts of irrigation-constrained agriculture in the lower Po basin. *Water Economics and Policy*, 3(4).
- Gómez, C.M., Pérez-Blanco, C.D., Adamson, D., Loch, A., 2017. Managing water scarcity at a river basin scale with economic instruments. *Water Economics and Policy*, 3(4).
- Pérez-Blanco, C.D., Standardi, G., Mysiak, J., Parrado, R., Gutiérrez-Martín, C., 2016. Incremental water charging in agriculture. A case study of the Regione Emilia Romagna in Italy. *Environmental Modelling and Software*, 78, 202-215.
- Pérez-Blanco, C.D., Delacámara, G., Gómez, C.M., 2016. Revealing the willingness to pay for income insurance in agriculture. *J. Risk Res.* 19, 873–893.
- Mysiak, J., Pérez-Blanco, C.D., 2016. Partnerships for disaster risk insurance in the EU. *Nat Hazards and Earth System Sciences* 16, 2403–2419.
- Santato, S., Mysiak, J., Pérez-Blanco, C.D., 2016. The Water Abstraction License Regime in Italy: A Case for Reform? *Water* 8, 1–15.
- Pérez-Blanco, C.D., Delacámara, G., Gómez, C.M., 2015. Water charging and water saving in agriculture. Insights from a Revealed Preference Model in a Mediterranean basin. *Environmental Modelling and Software*, 69, 90-100.
- Surminski, S. Aerts, J.C.J.H., Botzen, W.J.W., Hudson, P., Mysiak, J., Pérez-Blanco, C.D., 2015. Reflections on the current debate on how to link flood insurance and disaster risk reduction in the European Union. *Natural Hazards*, 79(3), 1451-1479.

- Pérez-Blanco, C.D., Gómez, C.M., 2014. Insuring water: a practical risk management option in water-scarce and drought prone regions? *Water Policy* 16(2), 244-263.
- Pérez-Blanco, C.D., Thaler, T., 2014. An input-output assessment of water productivity in the Castile and León Region (Spain). *Water* 6(9), 929-944.
- Pérez-Blanco, C.D., Gómez, C.M., 2014. Drought management plans and water availability in agriculture. A risk assessment model for a Southern European Basin. *Weather and Climate Extremes* 4, 11-18.
- Gómez, C.M., Pérez-Blanco, 2014. Simple Myths and Basic Maths About Greening Irrigation. *Water Resources Management* 28(12), 4035-4044.
- Gómez, C.M., Pérez-Blanco, C.D., Batalla, R.J., 2014. Tradeoffs in river restoration: Flushing flows vs. hydropower generation in the Lower Ebro River, Spain. *Journal of Hydrology* 518(A), 130-139.
- Pérez-Blanco, C.D., 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. *J. Environ. Econ. Policy* 2, 1-15.
- Gómez, C.M., Pérez-Blanco, C.D., 2012. Do drought management plans reduce drought risk? A risk assessment model for a Mediterranean river basin. *Ecol. Econ.* 76, 42-48.
- Pérez-Blanco, C.D., 2012. La dinámica del subdesarrollo y su relación con el deterioro ambiental. *Econ. Soc. Territ.* XII, 81-105.
- Pérez-Blanco, C.D., Gómez, C.M., del Villar, A., 2011. El riesgo de disponibilidad de agua en la agricultura: una aplicación a las cuencas del Guadalquivir y del Segura. *Estud. Econ. Apl.* 29, 12-25.
- Pérez-Blanco, C.D., Gómez, C.M., Garrido-Yserte, R., 2010. Cambio estructural regional y agua: escasez, dependencia e impactos sobre el tejido económico. El caso de Andalucía. *Estud. Econ. Apl.* 28, 423-446.

## BOOKS AND BOOK CHAPTERS

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### Books and book chapters

- Berbel, J., Expósito, A., Gutiérrez-Marín, C., Pérez-Blanco, C. D., 2020. Water, where do we stand? in: Environmental Management of Air, Water, Agriculture, and Energy, CRC Press - Taylor & Francis Group, Boca Raton (US), in press.
- Pérez-Blanco, C.D., Gutiérrez-Martín, C., 2019. Los mercados del agua en el sureste español: límites y oportunidades para mejorar la seguridad hídrica del sector agrícola, in: Congreso Nacional del Agua Orihuela, Orihuela (Spain), pp. 395-426.
- Loch, A., Pérez-Blanco, C.D., Rey, D., O'Donnell, E., Adamson, D., 2018. Regulatory and Economic Instruments: A Useful Partnership to Achieve Collective Objectives?, in: Reforming Water Law and Governance. Springer, Singapore, pp. 123–139.
- Pérez-Blanco, C.D., Adamson, D., Loch, A., 2018. Economic Resilience, in: Fuchs, S., Thaler, T. (Eds.), Vulnerability and Resilience to Natural Hazards. Cambridge University Press, Cambridge (UK), pp. 214–236.
- Pérez-Blanco, C.D., Gómez, C.M., 2018. Diseño innovador de tarifas: De la recuperación de costes a la seguridad hídrica, in: Libro blanco de la economía del agua. McGraw Hill, Madrid.
- Pérez-Blanco, C.D., Delacámara, G., Gómez, C.M., 2017. Crop insurance in drought conditions, in: Eslamian, S., Eslamian, F. (Eds.), Handbook of Drought, Environmental Impacts and Analysis of Drought and Water Scarcity. CRC Press, Taylor & Francis, Boca Raton (US).
- Mysiak, J., Bresch, D., Pérez-Blanco, C.D., Simmons, D., Surminski, S. (2017). Risk transfer and financing, in: Science for disaster risk management 2017: knowing better and losing less, Disaster Risk Management Knowledge Centre (DRMKC) - Publication Office of the European Union, pp. 489-499.
- Delacámara, G., Pérez-Blanco, C.D., Rodríguez, M., Gómez, C.M. (2015). Water Trading in the Tagus River Basin (Spain), in: Use of economic instruments in water management – insights from international experience, Springer, pp. 249-263.
- Gómez, C.M., Delacámara, G., Pérez-Blanco, C.D., Ibáñez, E. (2015). Voluntary Agreement for River Regime Restoration Services in the Ebro River Basin (Spain), in: Use of economic instruments in water management – insights from international experience, Springer, pp. 365-378.
- Gutiérrez-Martín, C., Pérez-Blanco, C.D., Gómez, C.M., Berbel, J., 2014. Price Volatility and Water Demand in Agriculture. A Case Study of the Guadalquivir River Basin (Spain), in: Economics of Water Management in Agriculture, CRC-Taylor & Francis Group, pp. 319-348.
- Pérez-Blanco, C.D., Viavattene, C., Gómez, C.M., 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: Spatial Techniques Applied to Environmental Hydrology. IMDEA-Water, Centro para el Conocimiento del Paisaje, Centro de Investigaciones sobre Desertificación (CSIC-UV-ES), Madrid (Spain), pp. 37–56.
- Pérez-Blanco, C.D., Alfaro, A.K., 2013. ¿Cuánto vale el agua? Modelo input-output para el cálculo de la productividad sectorial del agua. El caso de Castilla y León, in: Libro de Resúmenes de las IV Jornadas de Jóvenes Investigadores de la UAH. Universidad de Alcalá, Alcalá de Henares (Spain).
- Miguel, L.P., Domenech, L., Carracedo Bustamante, M., Miguel González, L.J., Aguado de la Fuente, G., Celave Fernández, A., Germán Doldán, A., González Bouab, A., Pérez-Blanco, C.D., Ubierna Aparicio, M., 2009. Informe sobre la cooperación internacional al desarrollo en Castilla y León 2005-2007: un proceso en crecimiento. Observatorio Interuniversitario de la Cooperación Internacional al Desarrollo de Castilla y León.

## OTHER PUBLICATIONS

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### Other publications

- Pérez-Blanco, C.D., Gutiérrez-Martín, C., 2017. Water buyback in agriculture: what can we expect? European Water, 59, 261-268
- Mysiak, J., Pérez-Blanco, C.D., 2017. Rischio Assicurato. Equilibri 2, 291-306.

## RESEARCH PROJECTS (PI)

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### Research Projects (PI)

-*Adaptación Transformativa al Cambio Climático en el regadío (ATACC)*, Fundación Biodiversidad. 01/07/2019-30/06/2021. EUR 136 000.

-*Sustainable Watersheds - Emerging Economic Instruments for Water and Food Security (SWAN)*, Programa de Atracción al Talento FECYT-Fundación Salamanca Ciudad de Cultura y Saberes. 01/04/2018-01/04/2021. EUR 500 000.

-*Economic Instruments for Sustainable Water Management and Resilient Growth in Water Stressed Areas - BOOSTER BLUE*, AXA Research Fund. 01/10/2016-31/03/2018. EUR 120 000.

-*Economic instruments for realizing welfare enhancing opportunities of water efficiency improvements in agriculture - WATER REALIZE* (relinquished due to incompatibility with the SWAN Project). Fundación Ikerbasque. 01/03/2018-01/03/2018. EUR 240 000.

-*Service for local and economy wide assessment of adaptation actions in agriculture - AGRO ADAPT*. European Institute of Technology - Climate KIC. 01/10/2016-31/12/2017. EUR 186 000.

-*Building lasting collaborative arrangements on water scarcity management between Australia and the EU*. EU Centre for Global Affairs Annual Grant Program 2017. 30/06/2017-31/12/2017. AUD 15 000. Project with Dr. Adam Loch and Dr. David Adamson (University of Queensland).

-*Economic Instruments for Sustainable Water Management in Water Scarce and Drought Prone Areas - WATER INCENT*. European Commission Horizon 2020 Marie Skłodowska Curie Action Individual Fellowship. 01/06/2015-30/09/2016. EUR 168 000.

## CONSULTANCY PROJECTS (PI)

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### Consultancy projects (PI)

-*Análisis de viabilidad económico-financiero de las presas de Las Cuezas (Palencia)*, Douro River Basin Authority. 01/07/2020-31/12/2020. EUR 10 000

-*Estudio para la aplicación de la metodología de recuperación de costes de los servicios del agua*, WWF. 01-10-2019-31/07/2020. EUR 9 000

-*Análisis de viabilidad económico-financiero de las presas de La Rial y Los Morales (León)*, Douro River Basin Authority. 01/03/2019-30/04/2019. EUR 9 676

-*Análisis de viabilidad económico-financiero del embalse de Lastras de Cuéllar*, Douro River Basin Authority. 01/06/2019-31/12/2019. EUR 8 203

-*Evaluación ambiental del "Análisis de soluciones para el objetivo del vertido cero al Mar Menor proveniente del Campo de Cartagena"*, Spanish Ministry of Agriculture, Food and the Environment. 01/11/2017-31/12/2017. EUR 10 000

## OTHER GRANTS

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### Other grants

-01/11/2016 - 31/12/2016. Giner de los Ríos Fellowship, Universidad de Alcalá - Visiting Fellowship grant.

-22/01/2016 - 28/01/2016. University of Queensland Search and Visitors Committee - Visiting Fellowship grant.

-01/05/2011 - 31/07/2011. Fórmula Santander Fellowship - Visiting Fellowship grant, Middlesex University.

-16/11/2008 - 15/01/2009. University of Alcalá and Ministry of Environment Scholarship.

-15/07/2008 - 15/11/2008. University of Salamanca Research Scholarship.

-14/07/2007 - 03/10/2007. Università degli studi di Roma, Tor Vergata, Scholarship.



## VISITING FELLOW

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### Visiting Fellow

- Universidad de Alcalá (Alcalá, Spain). 01/11/2016 - 31/12/2016
- University of Queensland (Brisbane, Australia). 22/01/2016 – 28/01/2016
- University of Middlesex-Flood Hazard Research Centre (London, UK). 27/04/2011 – 30/06/2011.
- University of Middlesex-Flood Hazard Research Centre (London, UK). 20/07/2012 – 25/08/2012.

## AWARDS

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### Awards

- 2016 *PhD Extraordinary Award*, Universidad de Alcalá
- 2006 *Horizontes de Europa Award*, European Centre of the University of Salamanca.

## RESEARCH PROJECTS (RESEARCHER)

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### Research Projects (researcher)

- Green Infrastructures for disaster risk reduction protection: evidence, policy instruments and marketability (GREEN)*, European Commission - Directorate-General for European Civil Protection and Humanitarian Aid Operations (ECHO), 01/01/2017 - 31/12/2018.
- Enhancing risk management partnerships for catastrophic natural disasters in Europe (ENHANCE)* (GA n° 308438). European Union Seventh Framework Programme (FP7). 01/01/2012 - 31/12/2016.
- Evaluating Economic Policy Instruments for Sustainable Water Management in Europe (EPI-Water)* (GA n° 265213). European Union Seventh Framework Programme (FP7). 01/01/2011 - 31/12/2013.
- GEMINA* (F.I.S.R. - CIPE n. 42/2010). Interministerial Italian Project 2005-2010. 03/05/2001 - 31/12/2013.
- Capacity Development for Hazard Risk Reduction & Adaptation (CATALYST)* (GA n° 283177). European Union Seventh Framework Programme (FP7). 01/10/2011 - 30/09/2013.
- 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* (Contract N° 07.0307/2012/635866/D1). EC Freshwater Policy Framework ENV.D.1/FRA/2012/0014. 14/01/2013 - 31/04/2013.
- Contrato entre la Universidad de Alcalá y la Agrupación Española de Entidades Aseguradora de los Seguros Agrarios Combinados SA, para el estudio de las probabilidades de restricción del agua para riego en las demarcaciones hidrográficas españolas*. Privately funded research project awarded by Agroseguro S.A. 14/04/2012 - 30/09/2012.
- Contrato entre la Universidad de Alcalá y la Agrupación Española de Entidades Aseguradora de los Seguros Agrarios Combinados SA, para la elaboración de un estudio sobre la sequía hidrológica*. Privately funded research project awarded by Agroseguro S.A. 13/09/2010 - 28/02/2011.
- Valoración de la Renta y el Capital de los Montes de Andalucía (RECAMAN)*. Junta de Andalucía. 01/01/2008 - 01/01/2012.
- Tratamiento y Reutilización de Aguas Residuales para una Gestión Sostenible (TRAGUA)* (Ref. CSD-2006-00044). Spanish R+D National Plan. 01/01/2007 - 01/06/2011.
- Metodología para el Análisis Económico de los Programas de Regeneración de Ríos Altamente Modificados* (Ref. CGL2006-11679-C02-02). Spanish R+D National Plan. 16/10/2006 - 16/01/2009.
- Realización actuaciones fijadas de acuerdo con la cláusula tercera del convenio de colaboración entre el M° de Medio Ambiente y la UAH para el desarrollo de herramientas de análisis y estudios piloto de economía del agua* (Ref. 130/2006). Spanish Ministry of Environment. 16/09/2007 - 16/01/2009.

## ORGANIZATION OF EVENTS

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### Organization of events

-*I+D+i en Economía, Políticas y Gestión del agua 2019*. Alcalá de Henares (Spain), 24/06/2019.

-*I+D+i en Economía, Políticas y Gestión del agua 2018*. Valencia (Spain), 26/07/2018.

-*Efficiency oriented water management: From panaceas to actual solutions*. Venice (Italy), 12/10/2017 - 13/10/2017.

-*Efficiency-oriented water management - Follow-up workshop*. Alcalá de Henares (Spain), 31/10/2017.



## Conferences

- Irrigation technology and water conservation: from panaceas to actual solutions. Event: *Italian Association of Environmental and Resources Economics (IAERE)*, Brescia (Italy), 6/02/2020 - 7/02/2020.
- From end to end: Assessing adaptation responses to water scarcity in agriculture through modular recursive hydro-micro-macro-economic modeling. Event: *American Geophysical Union Fall Conference*, Washington DC (US), 9/12/2018-13/12/2018.
- To Dam or not to Dam? Microeconomic ensemble modeling to inform robust adaptation to water scarcity in the Órbigo Catchment, Spain. Event: *Decision Making Under Deep Uncertainty Society Annual Meeting*, Delft (Netherlands), 6/11/2019-7/11/2019.
- Los mercados del agua en el sureste español: límites y oportunidades para mejorar la seguridad hídrica del sector agrícola. Event: *Congreso Nacional del Agua*, Orihuela (Spain), 21/02/2019-22/02/2019.
- A tale of two rivers: a hydroeconomic model for the assessment of trading opportunities and return flow externalities in inter-basin water markets. Event: *American Geophysical Union Fall Conference*, Washington DC (US), 10/12/2018-14/12/2018.
- Navigating deep uncertainty in water resources management. Event: *Decision Making Under Deep Uncertainty Society Annual Meeting*, Culver - Los Angeles (US), 14/11/2018-15/11/2018.
- Farm waters run deep: A coupled Revealed Preference and CGE model to assess the economy-wide impacts of water buyback. Event: *International Conference of Agricultural Economists*, Vancouver (Canada), 28/07/2018 - 02/08/2018.
- From holistic to heuristic: Assessing transformational responses to water scarcity in agriculture through modular hydro-micro-macro-economic modeling. Event: *Annual Conference of the Italian Association of Agricultural and Applied Economics*, Conegliano Veneto (Italy), 14/06/2018 - 15/06/2018.
- Rationalizing Systems Analysis for the Evaluation of Adaptation Strategies in Complex Human-Water Systems. Event: *XXI Applied Economics Meeting*, Alcalá de Henares (Spain), 06/07/2018 - 07/07/2018.
- Farm waters run deep: A coupled Revealed Preference and CGE model to assess the economy-wide impacts of water buyback. Event: *13th Annual Meeting of the International Water Resource Economics Consortium (IWREC)*, Waterloo (Canada), 10/09/2017 - 13/09/2017.
- Water buyback in agriculture: what can we expect? Event: *10th World Congress on Water Resources and the environment*, Athens (Greece), 05/07/2017 - 09/07/2017.
- Sustainable watersheds: Emerging economic and financial instruments for water security (session organizer & chair). Event: *XVI World Water Congress*, Cancún (Mexico), 29/05/2017 - 03/06/2017.
- Water scarcity and drought management: the role of economic instruments in the EU and Australia (session organizer). Event: *XVI World Water Congress*, Cancún (Mexico), 29/05/2017 - 03/06/2017.
- Payment for Ecosystem Services and voluntary agreements. Insightful results from Europe. Event: *XVI World Water Congress*, Cancún (Mexico), 29/05/2017 - 03/06/2017.
- Economic impacts of irrigation-constrained agriculture in the lower Po basin. Event: *Italian Association of Environmental and Resources Economics (IAERE)*, Rome (Italy), 16/02/2017 - 17/12/2017.
- Why do economic instruments fail? Managing scarcity at a basin scale. Event: *AGU 2016 Fall Meeting*, San Francisco (US), 12/12/2016 - 16/12/2016.
- Economic costs of water restrictions in agriculture. Event: *FEEM 2016 Convention*, Milano (Italy), 10/10/2016 - 12/10/2016.
- Drought response and irrigation: Overcoming lacunae in impact assessment and decision making. Event: *International Conference on Sustainable Development 2016 (ICSD2016)*, New York (USA), 21/09/2016 - 22/09/2016.
- Water buyback in agriculture. What can we expect? Event: *12th Annual Meeting of the International Water Resource Economics Consortium (IWREC)*, Washington, DC (USA), 11/09/2016 - 13/09/2016.
- Can crop income insurance work: A view from the demand side. Event: *European Association of Environmental and Resource Economists (EAERE) 22nd Annual Conference*, Zurich (Switzerland), 22/06/2016 - 25/06/2016.

- Water scarcity and drought management: the role of economic instruments in the EU and Australia (session organizer & chair). Event: *European Association of Environmental and Resource Economists (EAERE) 22nd Annual Conference*, Zurich (Switzerland), 22/06/2016 - 25/06/2016.
- Coupled mathematical programming and CGE modelling for drought policy assessment. Event: *Understanding Risk Forum 2016*, Venice (Italy), 18/05/2016-20/05/2016.
- Incremental water charging in agriculture. A case study of the Regione Emilia Romagna in Italy. Event: *60th Annual Conference of the Australian Agricultural and Resources Economics Society*, Canberra (Australia), 02/02/2016 - 05/02/2016.
- Water buyback in Spain: what should we expect? Event: *60th Annual Conference of the Australian Agricultural and Resources Economics Society*, Canberra (Australia), 02/02/2016 - 05/02/2016.
- Incremental water charging in agriculture - a case study in the Regione Emilia Romagna (Italy). Event: *Society for Risk Analysis World Congress*, Singapore (Singapore), 19/07/2015 - 23/07/2015.
- Water charging and water saving in agriculture. Insights from a revealed preference model in a Mediterranean basin. Event: *European Association of Environmental and Resource Economists (EAERE) 21st Annual Conference*, Helsinki (Finland), 24/06/2015 - 27/06/2015.
- Incremental water pricing. Lessons from the Regione Emilia Romagna in Italy. *European Climate Change Adaptation Conference (ECCA) 2015*, Copenhagen (Denmark), 12/05/2015-14/05/2015.
- Incremental water pricing in agriculture. Event: *Second Solutions for Agri-food Sustainability in the Mediterranean Conference*, Siena (Italy), 05/03/2015-06/03/2015.
- Water pricing and water saving in agriculture. Insights from a revealed preference model in a Mediterranean basin. Event: *Third Annual Conference of the Green Growth Knowledge Platform*, Venice (Italy), 29/01/2015 - 30/01/2015.
- Revealing the Willingness To Pay for income insurance in agriculture. Event: *Society for Risk Analysis Annual Meeting 2014*, Denver (USA), 7/12/2014 - 10/12/2014.
- What role for income stabilisation insurance in EU agriculture? The case of the Regione Emilia Romagna in Italy. Event: *FEEM-CMCC Convention 2014*, Venice (Italy), 24/11/2014 - 26/11/2014.
- Revealing the Willingness to Pay for Income Insurance in Agriculture. Event: *Society for Risk Analysis-Europe Conference 2014*, Istanbul (Turkey), 16/06/2014 - 18/06/2014.
- Water saving and water pricing in agriculture. Insights from a revealed preference model in a Mediterranean basin. Event: *Adaptation Policies and Practices in the Mediterranean Basin (MetAdapt)*, Venice (Italy), 19/05/2014 - 23/05/2014.
- An Agent Based Model to simulate an Inter-basin Water Market. The case of the interconnected Segura and Tagus River Basins in Spain. Event: *Italian Association of Environmental and Resources Economics (IAERE)*, Milan (Italy), 13/02/2014 - 15/02/2014.
- Insuring water: A practical risk management option in water scarce and drought prone regions? Event: *Frontiers in Economics of Natural Hazards and Disaster Risk Reduction - Financing Disaster Risk Reduction and Climate Adaptation*, Belpasso (Italy), 01/09/2013 - 07/09/2013.
- An Agent Based Model to simulate an inter-basin water market in the Segura and Tagus interconnected river basins in Spain. Event: *Royal Geographical Society Annual International Conference*, London (UK), 27/08/2013-30/08/2013.
- Simple myths and basic maths about greening irrigation. Event: *New Directions in the Economic Analysis of Water*, Lisbon (Portugal), 18/07/2013 - 19/07/2013.
- Water flows in the economy. An input-output framework to assess water productivity in the Castile and León Region (Spain). Event: *New Directions in the Economic Analysis of Water*, Lisbon (Portugal), 18/07/2013 - 19/07/2013.
- Water efficiency and water conservation in irrigated agriculture. Event: *Encuentro: Instrumentos económicos para la gestión del agua en España*, Alcalá de Henares (Spain), 20/06/2013 - 21/06/2013.
- Simple myths and basic maths about greening irrigation. Event: *5th EAAE PhD Workshop*, Leuven (Belgium), 29/05/2013 - 31/05/2013.

- Myths and Maths of Water Efficiency: An Analytical Framework to Assess the Real Outcome of Water Saving Technologies in Irrigation. Event: *87th Annual Conference of the Agricultural Economics Society*, Warwick (UK), 08/04/2013 - 10/04/2013.
- A general equilibrium model for the assessment of water productivity dynamics. A case study of Castile and León Region (Spain). Event: *envecon 2013: Applied Environmental Economics Conference*, London (UK), 15/03/2013 - 15/03/2013.
- Cuánto vale el agua? Modelo Input-Output para el cálculo de la productividad sectorial del agua. El caso de Castilla y León. Event: *IV Jornadas de Jóvenes Investigadores de la Universidad de Alcalá*, Alcalá de Henares (Spain), 28/11/2012 - 30/11/2012.
- Can Markets Save Water? Towards a Methodological Framework to Develop a Private Drought Insurance System in Semi-arid Basins: An Application to a Mediterranean Catchment. Event: *International Water Resource Economics Consortium (IWREC) 10th Annual Meeting*, Stockholm (Sweden), 26/08/2012 - 31/08/2012.
- An input-output framework to assess water productivity dynamics. An application to Castile and León Region (Spain). Event: *XXth International Input Output Conference*, Bratislava (Slovakia), 25/06/2012 - 29/06/2012.
- Design of optimum private insurance schemes as a means to reduce water overexploitation during drought events. A case study in Campo de Cartagena (Segura River Basin, Spain). Event: *ISEE 2012 Conference – Ecological Economics and Rio+20*, Rio de Janeiro (Brazil), 16/06/2012 - 19/06/2012.
- Do drought management plans reduce drought risk? A risk assessment model for the Segura River Basin. Event: *ISEE 2012 Conference – Ecological Economics and Rio+20*, Rio de Janeiro (Brazil), 16/06/2012 - 19/06/2012.
- Design of optimum private insurance schemes as a means to reduce water overexploitation during drought events. A case study in Campo de Cartagena (Segura River Basin, Spain). Event: *AERNA Vth Annual Conference*, Faro (Portugal), 31/05/2012 - 02/06/2012.
- Design of optimum private insurance schemes as a means to reduce water overexploitation during drought events. A case study in Campo de Cartagena. Event: *86th Annual Conference of the Agricultural Economics Society*, Warwick (UK), 16/04/2012 - 18/04/2012.
- Do drought management plans reduce drought risk? A risk assessment model for the Segura River Basin. Event: *86th Annual Conference of the Agricultural Economics Society*, Warwick (UK), 16/04/2012 - 18/04/2012.
- Design of optimum private insurance schemes as a means to reduce water overexploitation during drought events. A case study in La Campiña (Guadalquivir River Basin, Spain). Event: *UACES Collaborative Research Network "The Governance of Sustainability" and the COST Action "Transformation of Global Environmental Governance"*, Cambridge (UK), 11/04/2012 - 12/04/2012.



## Seminars and Workshops

- Lessons from a review of over 240 case studies on irrigation modernization. Event: *Can Water Productivity Improvements Save us All from Water Scarcity?*, Bari (Italy), 25/2/2020-27/2/2020
- The SWAN Project. Event: *Faculty of Economics - USAL Seminar*, Salamanca (Spain), 11/02/2019.
- The SWAN Project. Event: *Programme for the Attraction of Scientific Talent Projects Presentation*, Salamanca (Spain), 13/02/2019.
- Los mercados del agua en el sureste español: límites y oportunidades para el sector agrícola. Event: *Jornadas Agua, Economía y Sociedad*, Seville (Spain), 28/10/2018.
- La gestione economica dei servizi ecosistemici. Event: Ciclo di Incontri 2017/2018 di Formazione per i Delegati Regionali Ambiente e Paesaggio FAI. Bologna (Italy), 10/11/2017 - 12/11/2017.
- PLACES - Pluvial flood hazard and risk assessment and mitigation in European cities. Event: *Climate-KIC Demonstrator Day*. Bologna (Italy), 18/07/2017.
- Climate Smart Agriculture. Un'agricoltura che guarda al clima che cambia: dalla ricerca esempi di mitigazione e adattamento. Event: *Green Week - Festival della Green Economy*. Trento (Italy), 03/03/2017-05/03/2017.
- The BOOSTER BLUE Project. Event: *AXA POP Days*. Paris (France), 15/11/2016-18/11/2016.
- Insights from EPI-Water and ENHANCE projects. Event: *Water JPI Exploratory Workshop*. Dublin (Ireland), 14/11/2016.
- The AGRO ADAPT Project. Event: *Climate Innovation Summit 2016*. Frankfurt (Germany), 08/11/2016.
- How to jointly implement such agenda? - Roundtable (speaker). Event: *WATER JPI Conference*. Rome (Italy), 19/05/2016.
- Tariffe idriche vs. buyback: chi paga il ripristino dei servizi ecosistemici?- Roundtable (coordinator). Event: *Acqua Risorsa Globale - Implicazioni socio-economiche e ambientali del commercio mondiale di cibo*. Torino (Italy), 05/05/2016-06/05/2016.
- Adaptation policies to climate change in the Mediterranean Region. Event: *Quelles Politiques d'Adaptation au Changement Climatique et de Preservation de l'Empreinte Ecologique de la Planete?* Rabat (Morocco), 02/05/2016.
- Water Buyback in Agriculture: what can we expect? Event: *FEEM Seminars*, Venice (Italy), 24/03/2016.
- Revealing the Willingness To Pay for income insurance in agriculture. Event: *Marie Curie Alumni Association Annual Conference*, Venice (Italy), 04/03/2016.
- Incremental Water Charging in Agriculture – a case study in the Regione Emilia Romagna (Italy). Event: *Risk assessment and adaptation strategies Division (CMCC) Internal Meeting*, 18/12/2015.
- Incremental Water Charging & Income insurance in agriculture. The case of the Regione Emilia Romagna. Event: *COST ADAPT Seminar on climate change impacts on agriculture*, Venice (Italy), 28/09/2015.
- Modelli per la gestione delle risorse idriche: il contributo della statistica ufficiale. Event: *I dati delle acque in Veneto*, Padova (Italy), 09/06/2015.
- The costs of neglecting adaptation options. Event: *ECRAN - TAIEX Workshop on risk and vulnerability assessment and adaptation planning in the energy sector*, Tirana (Albania), 16/04/2015 - 17/04/2015.
- The costs of neglecting adaptation options. Event: *ECRAN - TAIEX Multi-beneficiary Workshop on Risk and Vulnerability Assessment and Adaptation Planning in the Water Management Sector*, Ankara (Turkey), 19/01/2015 - 20/01/2015.
- Revealing the Willingness to Pay for income insurance in agriculture. Event: *FEEM Seminars*, Venice (Italy), 04/09/2014.
- Prima de riesgo y disponibilidad a pagar. Event: *Seminario - Seguro de Riesgo para el regadío*, Madrid (Spain), 06/05/2014 - 06/05/2014.
- Development of private insurance schemes as a means to reduce water overexploitation during drought events. A case study in Campo de Cartagena (Segura River Basin, Spain). Event: *123rd EAAE Seminar. Price volatility and farm income stabilization*, Dublin (Ireland), 23/02/2012 - 24/02/2012.