### David García-León

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> 30175 Venice (Italy) www.davidgl.eu

**PERSONAL** Born: Cabo de Palos, 9 June 1983 INFORMATION

Nationality: Spanish

**CURRENT** Marie Skłodowska-Curie Postdoctoral Research Fellow (2018-)

**APPOINTMENT** Ca' Foscari University and Euro-Mediterranean Center on Climate Change (Venice, Italy)

Project: WATER DROP - Droughts and Water Scarcity in the EU: Economic Impacts,

Adaptation, Policy Implications and Integrated Assessment Modelling

**EDUCATION** Ph.D., Quantitative Economics. University of Alicante, Spain (2012-2017)

Dissertation: Three Essays in Climate Change Economics

M.Sc., Economics and Finance. CEMFI, Madrid, Spain (2007-2009)

M.Sc., Finance. ESCP-EAP, Madrid, Spain (2007)

B.A., International Economics. Manchester Metropolitan University, United Kingdom (2006)

B.A., Economics. University of Murcia, Spain (2006)

**PUBLICATIONS** García-León, D., Contreras, S., and J. Hunink. (2019). Comparison of meteorological and satellite-

based drought indices as yield predictors of Spanish cereals. Agricultural Water Management,

213, 388-396

SUBMITTED WORK "Local-scale cereal yield forecasting in Italy: Lessons from different statistical models and spatial

aggregations", with R. López-Lozano, A. Toreti and M. Zampieri. Submitted to Agricultural and

Forest Meteorology

"An integrated approach for the estimation of agricultural drought costs", with G. Standardi and

A. Staccione. Submitted to Land Use Policy

WORK IN PROGRESS "Multiway forecast combination of process-based and statistical crop models at the local level",

with A. Ceglar (JRC-Ispra)

"Assessment of local-level crop yield seasonal forecasts in different climates", with C. Álvarez-

Castro (CMCC)

"Heatwaves and worker productivity in Europe: Economic assessment of past events and long-

term projections under climate change", with M. Mistry (Ca' Foscari University) and G. Standardi

(CMCC)

**WORKING PAPERS** "Adapting to Climate Change: An Analysis under Uncertainty", Nota di Lavoro 10.2016, Milan, Italy:

Fondazione Eni Enrico Mattei, 2016

"Weather and Income: Lessons from the main European Regions", Nota di Lavoro 39.2015, Milan,

Italy: Fondazione Eni Enrico Mattei, 2015

"Stock accumulation in the euro area during the Great Recession", ("La acumulación de existencias en el Área del Euro durante la Gran Recesión.") with Pablo Burriel. Bank of Spain's Economic

Bulletin, February 2011

"Pension system reforms in some EMU countries", ("Reformas de los sistemas de pensiones en algunos países de la UEM.") with Esther Gordo and Marta Manrique. Bank of Spain's Economic

Bulletin, July-August 2011

"A state-space approach to the evolution of house prices in Spain", 2009

#### VISITING POSITIONS

Joint Research Centre (European Commission), Food Security Unit. Ispra, Italy (Sep-Dec 2017, Jun 2019)

## Previous Appointments

2016.10-2018.04: MSCA Postdoctoral Research Associate

Fondazione Eni Enrico Mattei, Venice, Italy

Project: WATER DROP - Droughts and Water Scarcity in the EU: Economic Impacts, Adaptation, Policy Implications and Integrated Assessment Modelling

2009.12-2011.12: Research Assistant

Bank of Spain, DG Research, Madrid, Spain

Euro area real-time GDP forecast

Fiscal developments monitoring in the euro area

Pension system reforms assessment

2008.06-2008.09: Research Assistant (Summer Internship)

Bank of Spain, DG Research, Madrid, Spain

#### **TEACHING**

2019-20 Statistics II [ET2022], Department of Economics, Ca' Foscari University of Venice 2019-20 Macroeconomics [ET2029], Department of Management, Ca' Foscari University of Venice 2018-19 Mathematical Methods for Climate Change Analysis [PHD087], Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice 2018-19 Statistics I [ET2022], Department of Economics, Ca' Foscari University of Venice 2018-19 Macroeconomics I-II [ET2017], Department of Economics, Ca' Foscari University of Venice 2016 Tools for Applied Statistical Analysis, Department of Economics, UCAM University

2013-14 Introduction to Statistics and Econometrics, Department of Economics, University of Alicante

2013 Introduction to GAUSS: An application for cointegrated variables detection, Department of Economics, Technical University of Cartagena

# SEMINARS AND CONFERENCES

2019 Italian Association of Environmental and Resource Economists (Udine, Italy); JRC Alumni Association (Brussels, Belgium); Marie Curie Alumni Association (Vienna, Austria); CMCC - Euro-Mediterranean Center on Climate Change (Bologna, Italy); Drought and Water Scarcity: Addressing current and future challenges (Oxford, UK); Leibniz-Institut für Ost- und Südosteuropaforschung Summer Academy (Tutzing, Germany); BC3 - Basque Centre for Climate Change (Bilbao, Spain) 2018 Italian Association of Environmental and Resource Economists (Turin, Italy); Euro-Mediterranean Center on Climate Change (Venice, Italy); European Society for Agronomy (Geneva, Switzerland); Spanish-Portuguese Association of Natural and Environmental Resource Economics (Madrid, Spain); 3rd Conference on Econometric Models of Climate Change (Rome, Italy); X Jornadas de Usuarios de R (Murcia, Spain)

2017 Fondazione Eni Enrico Mattei (2); Joint Research Centre (Ispra, Italy)

2016 Spanish Economic Association (Bilbao, Spain)

2015 European Association of Environmental and Resource Economists (Helsinki, Finland); University of Cardiff; International conference on drought: Research and science-policy interfacing (Valencia, Spain)

2013 Technical University of Cartagena (Spain)

2011 Bank of Spain (2); European Central Bank (Frankfurt, Germany)

2010 Bank of Spain

2009 CEMFI

#### **GRANTS AND AWARDS**

Assistant Professorship Positive Evaluation (PEP, ANECA), 2019

Marie Curie Alumni Association, Micro Media Grant, 2017

Marie Skłodowska-Curie European Fellowship, Individual Fellowship, 2016 (168.277€)

Exemption of tuition fees, CEMFI, Madrid, 2007

Stephen Jones' Memorial prize for excellence, Manchester Metropolitan University, UK, 2006

Premio Extraordinario Fin de Carrera (Excellence Award), University of Murcia, 2006

Fellowship member, Socrates-Erasmus programme, Manchester, United Kingdom, 2005

Grant for living expenses abroad, Fundación Cajamurcia, 2005

REFEREE SERVICE Agricultural Water Management, Climatic Change, Science of the Total Environment

LANGUAGES Spanish: Native

English: Advanced (C2). CPE, University of Cambridge (2013)

Italian: Advanced (C1)

German: Intermediate (B1). Zertifikat Deutsch (2011)

COMPUTER SKILLS Programming: R, Matlab, Stata, Python, GAMS, Visual Basic

Remote Sensing: GIS, pyQGIS, ENVI, IDL, Google Earth Engine

Web: Jekyll, Html5, CSS, Javascript, d3.js Typography: LaTeX, Markdown, knitr

Typography. Ligx, Markdown, Kir

REFERENCES Jaroslav Mysiak Francesco Bosello Stefan Niemeyer
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