

JESUS ARELLANO GONZALEZ

Department of Agricultural and Resource Economics
University of California, Davis
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EDUCATION

University of California, Davis

Ph. D. Agricultural and Resource Economics, expected in June 2020.

Fields of specialization: Environmental and Natural Resource Economics, Climate Change Economics, Development Economics, Applied Econometrics.

El Colegio de México

M. S. Economics, 2005 – 2007.

Universidad Autónoma Chapingo

B.S. Agricultural Economics, 2001 – 2005.

PEER-REVIEWED PUBLICATIONS

Aburto-Oropeza O., J. Arellano Gonzalez, A. Yunez-Naude, A. Lopez-Feldman, J. Medellin-Azuara, S. Sandoval Solis, J.P. Ortiz-Partida, J. E. Taylor et al. 2018. **Harnessing cross-border resources to confront climate change.** *Environmental Science and Policy* 87: 128-132.

Mora Rivera J.J. and J. Arellano Gonzalez. 2016. **Remittances as expenditures drivers in rural Mexico.** *Estudios Fronterizos, nueva epoca*, vol. 17, num. 33.

Arellano Gonzalez J. 2015. **Efectos de los cambios en el programa Procampo en la economía rural del sureste mexicano.** *Economía Sociedad y Territorio*, vol. XV, núm. 48.

Yúnez-Naude A., J. Arellano Gonzalez and J. Méndez Navarro. 2013. **Dinámicas del bienestar territorial en México basadas en municipios: 1990-2005-2010.** Documento de Trabajo 24. Serie *Estudios Territoriales. Programa Cohesión Territorial para el Desarrollo*. Rimisp, Santiago, Chile.

Mora Rivera J.J. and J. Arellano Gonzalez. 2012. **Migration and Remittances Effects on Consumption of the poorest: the Mexican Case.** *Panorama Económico*, número 14, vol. 7.

Yúnez-Naude A., J. Arellano Gonzalez and J. Méndez Navarro. 2010. **Cambios en el bienestar de 1990 a 2005: un estudio espacial para México.** *Estudios Económicos*, vol 25. No. 2.

Mendelsohn R., J. Arellano Gonzalez and P. Christensen. 2009. **A Ricardian Analysis of Mexican Farms.** *Environment and Development Economics*, vol. 15, issue 02.

WORKING PAPERS

The impact of climate change in Mexican agriculture: evidence from the association between weather and Maize yields (Job Market Paper).

Estimating climate change damages in data scarce and non-competitive settings: an application to Mexico (Dissertation paper).

The adaptive benefits of agricultural water markets in California with F. Moore, A. AghaKouchak, M. C. Levy, Y. Qinc, J. Burney and S. J. Davis.

BOOK CHAPTERS

Ortiz-Partida J. P., S. Sandoval Solis, J. Arellano Gonzalez, J. Medellin Azuara and J.E. Taylor. 2019. **Managing water differently: Integrated Water Resources Management as a framework for adaptation to climate change in Mexico.** Chapter 6 of *Integrated Water Resource Management. Cases from Africa, Asia, Australia, Latin America and the US.* E. de Oliveira Veira, S. Sandoval-Solis, V. de Albuquerque Pedrosa and J.P. Ortiz-Partida (eds). Switzerland, Springer.

Yúnez-Naude A., J. Arellano Gonzalez and J. Méndez Navarro. 2016. **Dinámica del consumo, la pobreza y la desigualdad municipal en México (1990-2005).** Chapter 3 in *Los dilemas territoriales del desarrollo en América Latina*, F. Modrego Benito y J. A. Berdegué (eds). Universidad De Los Andes, Bogotá, D. C., Colombia.

WORK IN PROGRESS

Security of Property Rights and Long-Term Agricultural Investments: Drought, Water Rights, and Perennial Cropping Decisions in California with F. C. Moore.

The spillovers of climate change in rural economies: a general equilibrium approach with D. Manning and J. E. Taylor.

Migration and climate change in rural Mexico: the role of land certification with K. K. Jessoe, F. Aragon and M. Gonzalez-Navarro.

RESEARCH EXPERIENCE

Graduate Student Researcher (Winter 2016-Present)

University of California-Davis

Agricultural and Resource Economics and Environmental Science and Policy departments.

Supervisors: Frances Moore and J. Edward Taylor

Research Consultant (Summer 2009)

International Food Policy Research Institute (IFPRI)

Academic Researcher (Fall 2008-Spring 2009)

El Colegio de México, Centro de Estudios Económicos

Supervisor: Antonio Yunez-Naude

Short Term Consultant (Winter and Summer 2008)

The World Bank

Supervisor: Robert Mendelsohn

Research Consultant (Spring 2008 -Spring 2009)

Yale University, The MacMillan Center

Supervisor: Gustav Ranis

TEACHING EXPERIENCE

Agribusiness Instructor (Summer 2017 and 2018)

UC Davis Continuing and Professional Education

Guest Lecturer on Topics in Econometrics (Fall 2009)

COLMEX-PRECESAM

PUBLIC OFFICE EXPERIENCE

Program Coordinator (Summer 2009- Summer 2014)

Financiera Nacional de Desarrollo Agropecuario, Rural, Forestal y Pesquero

PRESENTATIONS

2019

Agricultural and Applied Economics Association Annual Meeting (AAEA) (paper)

Association of Environmental and Resource Economists (AERE) Summer conference (paper)

The 10th Annual Interdisciplinary Ph.D. Workshop in Sustainable Development at Columbia University (paper)

2018

The 17th Occasional Workshop in Environmental and Resource Economics at UC Santa Barbara (paper)

Agricultural and Applied Economics Association Annual Meeting (AAEA) (paper)

American Geophysical Union (AGU) Fall Meeting (poster)

The 13th Summer Institute on Migration and Global Health at UC Berkeley (paper)

PEER REVIEW

Environment and Development Economics (Cambridge University Press)

Economía Agraria y Recursos Naturales (Spanish Association of Agricultural Economics)

Economía Teoría y Práctica (Universidad Autónoma Metropolitana)

AWARDS

Henry Jastro Graduate Research Scholarship Award (2019-2020)

Doctoral Fellowship UCMEXUS-CONACYT (2014-2019)

Yale University Fox International Fellowship Award (2007 - 2008)

Master scholarship CONACYT (2005 - 2007)

COMPUTING AND PROGRAMMING SKILLS

R, Matlab, Stata, ArcGIS, LATEX

DISSERTATION COMMITTEE MEMBERS

Katrina Jessoe (kkjessoe@ucdavis.edu, +1 530-752-6977)

Associate Professor, University of California, Davis Department of Agricultural and Resource Economics

J. Edward Taylor (jetaylor@ucdavis.edu, +1 510-388-0773)

Professor, University of California, Davis Department of Agricultural and Resource Economics

Pierre Merrel (merel@primal.ucdavis.edu, +1 530-752-8276)

Professor, University of California, Davis Department of Agricultural and Resource Economics

Frances Moore (fmoore@ucdavis.edu, +1 617-233-3380)

Assistant Professor, University of California, Davis Department of Environmental Science and Policy