

Roxana Juliá

January 2018

Office

726 Broadway, 6th Floor, Room 654
Liberal Studies/Global Liberal Studies Program
New York University
New York, NY
9205571724 E-mail: rj34@nyu.edu

EDUCATION

Ph.D. in Economics, August 2004. Rensselaer Polytechnic Institute, Troy, NY. Ecological Economics Program. Dissertation: Adapting to Climate Change, Global Agriculture and Trade: A Structural Approach. GPA: 4.0

M.S. in Agricultural Economics and Rural Sociology, August 1997. University of Idaho, Moscow, Idaho. Thesis: A Computable General Equilibrium Analysis of a Property Tax Reform in the State of Idaho. GPA: 4.0.

B.S. in Agricultural Engineering, Major in Plant Genetics, March 1992. University of Buenos Aires, Buenos Aires, Argentina.

WORK

EXPERIENCE

Clinical Assistant Professor of Economics
Liberal Studies/Global Liberal Studies Program, College of Arts and Science,
New York University, New York. September 2016-Present.

Master Teacher of Economics. Liberal Studies/Global Liberal Studies Program,
College of Arts and Science, New York University, New York. September 2010-
September 2016

Visiting Assistant Professor. Economics Program, Bard College,
Annandale-on-Hudson, NY. September 2009-June 2010.

Visiting Assistant Professor. Department of Economics, Skidmore College,
Saratoga Springs, NY. September 2007-May 2009.

Adjunct Professor. Department of Economics, Rensselaer Polytechnic Institute,
Troy, NY. September 2004-2007.

Research Assistant (to Prof. Faye Duchin). Department of Economics, Rensselaer
Polytechnic Institute, Troy, NY. September 2000-2004.

Statistical Analyst, Welfare Reform Project. The Nelson A. Rockefeller Institute
of Government. Albany, NY. January 2000-September 2000.

Research Associate. Department of Agricultural Economics and Rural Sociology,
University of Idaho, Moscow, Idaho. March 1998 - December 1999

Research Associate. Department of Agricultural and Natural Resource Economics, Washington State University, Pullman, WA. January 1998-March 1998.

Regional Director. Urban Agriculture Program, Municipality of the City of Buenos Aires, Argentina. March 1990-December 1992.

Extension Agent. Department of Rural Sociology, University of Buenos Aires, Argentina. March 1988-December 1992.

PEER
REVIEWED
PUBLICATIONS

Roxana Juliá and Duchin, F. (2007), 'World Trade as the Adjustment Mechanism of Agriculture to Climate Change', *Climatic Change*, **82** (3-4), June, 393-409. Reprint in: The International Library of Critical Writings in Economics 293: *Climate Change and the World Economy*, David I. Stern, Frank Jotzo and Leo Dobes (Eds.). Summer 2014.

Roxana Juliá and Faye Duchin. "Land Use Change and Global Adaptations to Climate Change". *Sustainability* 2013, 5(12), 5442-5459; doi:10.3390/su5125442

John Gowdy and Roxana Juliá. "Global Warming Economics in the Long Run: A Conceptual Framework". *Land Economics* 86, 2010, 117-130.

Roxana Juliá and Faye Duchin. "World Trade as the Adjustment Mechanism of Agriculture to Climate Change". 2007. *Climatic Change* 82: 393-409.

John Gowdy and Roxana Juliá. "Technology and Petroleum Exhaustion: Evidence from Two Mega-Oilfields". 2007. *Energy* 32(8): 1448-145.

Roxana Juliá, David Holland and Joseph Guenther. "Assessing the Economic Impact of Noxious Weeds: The Case of Yellow Starthistle (*Centaurea solstitialis*, L.) in the Rangelands of Idaho, United States." 2007. *Journal of Environmental Management* 85: 876-882.

Juliá, Roxana, Stephen C. Cooke, and David Holland. "A Computable General Equilibrium Analysis of a Property Tax Limitation in the State of Idaho." 2002. *Land Economics* 78(2): 207-227.

OTHER
PUBLICATIONS

Roxana Juliá and Faye Duchin. "Food Security, Population Growth and Climate Change: Implications for Forestland Conversion and Global Food Prices". Paper prepared for presentation at the International Society for Ecological Economics Biannual Meeting, Rio de Janeiro, Brazil, June 16-19 2012

John Gowdy and Roxana Juliá. "The Economics of the Mega-Greenhouse Effect: A Conceptual Framework." *Rensselaer Working Papers in Economics* No. 0711. December 2007.

James R. Nelson, Roxana Juliá, Robert R. Fletcher. 2002. "Impacts of Education of State and Local Economies: Don't Ignore the Value of Education", *Fact Book 2002*, University of Idaho, March 2002.

James R. Nelson and Roxana Juliá. " Higher Education and the Labor Market in Idaho". *Idaho Economics, Vol 1*, August 1999.

Nelson, James and Juliá, Roxana. Higher education and the Labor Force in the State of Idaho. A. E. Research Series No. 99-01. Dept. of Ag. Economics and Rural Sociology, University of Idaho. January 1999.

Nelson, James, Juliá, Roxana and Schnabel, Barbara: Idaho's Labor Force and the University of Idaho. A. E. Research Series No. 99-02. Dept. of Ag. Economics and Rural Sociology, University of Idaho, January 1999.

WORK IN PROGRESS

The Human Domination of the Biosphere: from Hunter-Gatherers to Industrial Agriculture.

The State of Land Grabbing in Brazil and Argentina and Implications for Food Security and Climate Change.

Book Draft: *Economía Ecológica en el Cono Sur (Ecological Economics in the Southern Cone)*.

PRESENTATIONS AND CONFERENCE PARTICIPATION

International Society of Ecological Economics (ISEE) 2016 Conference: Transforming the Economy: Sustaining Food, Water, Energy and Justice Washington DC, USA. Peer-reviewed selected presentation: "The Human Domination of the Biosphere: from Hunter-Gatherers to Industrial Agriculture" (Joint with John Gowdy). June 2016.

2nd International Conference on Global Food Security. Ithaca, New York, USA. Peer-reviewed selected poster presentation: "Land Use Change and Global Adaptations to Climate Change". October 2015.

The International Society for Input-Output Economics Conference. Lisbon, Portugal. Peer-reviewed selected oral presentation (Faye Duchin officiating): "Population Growth and Climate Change: Implications for Forestland Conversion and Global Food Prices ". July 2014.

SUNY New Paltz, Latin American & Caribbean Studies Program, New Paltz, New York, by invitation. "Potential Impacts of Climate Change on Latin America's Agriculture: An Economic Analysis of The Region's Vulnerability to Global Adaptations". April 2014.

The International Society for Ecological Economics and Rio+20 Conference, Rio de Janeiro, Brazil, peer-reviewed selected oral presentation. "Population Growth

and Climate Change: Implications for Forestland Conversion and Global Food Prices". June 2012.

The International Society for Ecological Economics and Rio+20 Conference, Rio de Janeiro, Brazil, Session Chair: "Models of Green Growth". June 2012.

Bard College, Department of Economics, Annandale-on-Hudson, NY, by invitation. "Global Warming Economics in the Long Run: A Conceptual Framework." May 2010.

Ecological Economics Seminar presentation, by invitation. Rensselaer Polytechnic Institute, Department of Economics, Troy, NY. "Population Growth and Climate Change: Economic Implications". April 2009.

Food Security and Environmental Change Conference, by invitation. St. Catherine's College, Oxford, UK. "Trade as the Adjustment Mechanism of Agriculture to Climate Change". April 2008.

Ecological Economics Seminar Presentation, by invitation. Rensselaer Polytechnic Institute, Department of Economics. "Trade as the Adjustment Mechanism of Agriculture to Climate Change". April 2008.

Panelist, "Energy Policy in the 2008 Presidential Elections". Skidmore College, Saratoga Springs, NY. October 27, 2008.

A Scoping Session Linking Behavioral Research and Energy Related Decision Making, by invitation. NYSERDA, Albany, NY. December 5-6, 2007.

Ecological Economics Seminar Presentation, by invitation. Rensselaer Polytechnic Institute, Department of Economics, by invitation. "*Technology and Petroleum Exhaustion: Evidence from Two Mega-Oilfields*". April 2007.

Skidmore College, Department of Economics. "Climate Change, Global Agriculture and Trade: A Structural Approach." April 2007.

Colorado State University, Department of Agricultural and Resource Economics. "Assessing the Economic Impact of Noxious Weeds: The Case of Yellow Starthistle (*Centaurea solstitialis*, L.) in the Rangelands of Idaho, United States." March 2006.

Dissertations Initiative for the Advancement of Climate Change Research (DISCCRS) 2nd Symposium: Selected to participate. March 26-April 3 2006.

2004 International Society of Ecological Economics Conference. July 11-14. Montreal, Canada. Poster Presentation: "Climate Change, Global Agriculture and Trade: A Structural Approach."

Global Economic Modeling, Special Workshop, by invitation. October 11-14, 2004. Maastricht, The Netherlands.

GRANTS

Research Challenge Grant, Summer 2015 (\$6,000). An empirical investigation of the effect of “global land grabbing” on future food availability and greenhouse gas emission rates.

Rensselaer Polytechnic Institute Human and Social Sciences Flash Grant. October 2013. Publication grant (\$2,000).

Research Challenge Grant, Spring 2012 (\$6,000). Future Food Security and Global Climate Change: Prospects and Implications for Food Prices and Deforestation Rates.

COURSES TAUGHT

Junior Independent Research Seminar_(New York University, Spring 2018)

Principles of Macroeconomics (New York University, September 2010-Present; Rensselaer Polytechnic Institute, Fall 2004-Spring 2006).

Principles of Microeconomics (New York University, September 2010-Present; Bard College, Fall 2009-Spring 2010; Skidmore College, Fall 2007-Spring 2009; Rensselaer Polytechnic Institute, Fall 2004-Spring 2006).

The Global Economy: Growth, Sustainability and the Environment_(New York University, Spring 2012, Spring 2013, Spring 2014).

The Political Economy of the Global Food System (New York University, Spring 2012; Fall 2014; Bard College, Spring 2011).

Mathematical Economics (Bard College, Spring 2010)

The Economics of Climate Change (Bard College, Spring 2010; Skidmore College, Spring 2009).

Environmental and Natural Resource Economics (Skidmore College, Fall 2007 - Spring 2009).

Managerial Economics_(Rensselaer Polytechnic Institute, Fall 2006-Spring 2007)

International Economics (TA, Rensselaer Polytechnic Institute, Fall 2006-Spring 2007).

AREAS OF SPECIALIZATION

Ecological Economics, Sustainable Development, World Food Issues, Climate Change Economics, Economic Modeling

PROFESIONAL AFFILIATIONS

The International Society for Ecological Economics
Asociación Argentino-Uruguaya de Economía Ecológica

COMPUTER
SKILLS

GAMS, SPSS, STATA, IMPLAN.

LANGUAGES

English (fluent)
Spanish (native)
French (basic)