

CV, JESSICA CORIA

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OFFICE ADDRESS, PHONE & E-MAIL:

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DATE OF BIRTH: 05/19/1979

CITIZENSHIP: Chilean

AREAS OF INTERESTS

Environmental economics, industrial organization, regulatory economics and applied microeconomics,

EDUCATION:

Ph.D. in Economics at Pontificia Universidad Católica de Chile, 2007
M.A. Public Policy, Pontificia Universidad Católica de Chile, 2003
BSc Economics, Pontificia Universidad Católica de Chile, 2002
BSc Business, Pontificia Universidad Católica de Chile, 2002

ACADEMIC AND PROFESSIONAL ACTIVITIES

2008- Current Position: Research Fellow, Department of Economics and Law, University of Gothenburg, Sweden.
Fall 2010 Visiting Researcher, Universidad Nacional de Colombia, Sede Medellín.
Spring 2009 Visiting Scholar, Resources for the Future, United States.
2007 Assistant Professor, Department of Business and Economics, Universidad Diego Portales, Santiago, Chile.
2002- 2006 Instructor, Department of Economics, Pontificia Universidad Católica de Chile.
Fall 2004 Visiting Fellow, Economics Department of the Graduate School of Arts and Sciences, Harvard University, United States.
1999- 2004 Research Assistance in many projects at the Economics Institute and School of Business, Pontificia Universidad Católica de Chile

PUBLICATIONS:

- Coria, J. and E. Calfucura (2011): “Biodiversity Conservation and the Development of Indigenous Communities: the good, the bad and the ugly”, forthcoming in *Ecological Economics*.
- Coria, J. and M. Hennlock (2011): “Emission Taxes, Tradable Permits and Costly Policy Response to Technological Change”, forthcoming in *Environmental Economics and Policy Studies*.
- Coria, J. and T. Sterner (2011): “Natural Resource Management: Challenges and Policy Options”, forthcoming in *Annual Review of Resource Economics*.
- Coria, J. (2011): “Environmental Crises’ Regulations, Tradable Permits and the Adoption of New Technologies”, *Resource and Energy Economics* 33(3): 455-476.
- Villegas C. and J. Coria (2010): " On the Interaction between Imperfect Compliance and Technology Adoption: Taxes vs. Tradable Emissions Permits", *Journal of Regulatory Economics* 38(3): 274-291.
- Coria, J., Å. Löfgren and T. Sterner (2010). Trade or Not to Trade: An Analysis of Trading Schemes at the Firm Level, *Journal of Environmental Management* 91: 2126-2133.
- Coria, J. and T. Sterner (2010): “Tradable Permits in Developing Countries: Evidence from Air Pollution in Santiago, Chile”, *Journal of Environment and Development* 19(2), pp 145-170.
- Coria, J. (2009): “Environmental Policy, Fuel Prices and the Switching to Natural Gas in Santiago, Chile”. *Ecological Economics*, 68 (11), pp. 2877-2884.
- Coria, J. (2009): “Taxes, Permits and the Diffusion of a New Technology”, *Resource and Energy Economics* 31 (4), pp. 249-271.
- Sánchez, J.M. and Coria, J. (2003): “Using a Hypothetical – Efficient Firm to Benchmark Water Utilities”. *Latin American Journal of Economics (formerly Cuadernos de Economía)*, December.

OTHER PUBLICATIONS (IN SPANISH)

- Calfucura, E.; Coria, J. and J.M. Sánchez (2009): “Permisos Transables De Emisión En Chile: Lecciones, Desafíos Y Oportunidades Para Países En Desarrollo”, *El Trimestre Económico* 304, pp. 1027-1069.
- Sánchez, J.M.; Coria, J. and G. Lagos (2005): “Metodología Para La Elaboración De Una Norma De Calidad Ambiental: El Caso De La Fundación Paipote”. *Minería y Desarrollo*, September.
- Coria, J. and P. Marshall. (2001): “Análisis Conjunto: Una Aplicación Al Caso de Ingenieros Comerciales en Chile”. *ABANTE*, May.

WORKING PAPERS

- Coria, J. and C. Villegas-Palacio. Targeted enforcement and aggregate emissions with uniform emission taxes.
- Ambec, S. and J. Coria. Prices vs Quantities with Multiple Pollutants.
- Coria, J., C. Villegas-Palacio and J.C. Cárdenas. Should we tax or let firms to trade emissions? An experimental analysis. Developed with FORMAS grant 2010.

WORK IN PROGRESS

- Coria, J. Market-Based Environmental Regulations and Industrial Turnover.
- Villegas-Palacio, C., J. Coria and J.C. Cárdenas. Regulatory Dealing in a Developing Country: Technology Adoption vs. Enforcement Stringency. Developed with FORMAS grant 2010
- J. Coria, C. Villegas-Palacio and J.C. Cárdenas. Do Environmental Taxes Work Better in Developed Countries? Developed with FORMAS grant 2010
- Bonilla, J., J. Coria and T. Sterner. Policy Implications of Technical Trade-Offs between CO₂ and NO_x Abatement in Sweden.

REPORTS

Coria, J., M. Hennlock, Å. Löfgren, M. Persson, Patrik Söderholm, T. Sterner and M. Wråke. (2010): “*The Progress of GHG Markets: Opportunities and Risks*”, Report for the Swedish Environmental Protection Agency.

BOOKS

Co-author of the second edition of the book “*Policy Instruments for Environmental and Natural Resource Management*” (by Professor Thomas Sterner), to be published in October 2011.

BOOKS CHAPTERS

“Fuel Taxes in Europe”, in: *Cars and Carbon - Automobiles and European Climate Policy in a Global Context*, Zachariadis T. (ed.), Springer Science+Business Media, 2012. ISBN 978-94-007-2122-7, to be published in 2011.

MAIN CONFERENCES

2011

Invited Guest Speaker Centre for Environmental and Resource Economics Seminar Series, Umeå University.

EAERE 18th Annual Conference, Rome, Italy.

2010

Invited presenter at the Beijing Forum, University of Beijing, China

Fourth World Congress of Environmental and Resource Economists, Montreal, Canada.

2009

Invited Guest Speaker UK Network of Environmental Economists 2009 Seminar Series: “Meeting Carbon Budgets – the need for a step change and the opportunity to use a mix of instruments”

EAERE 17th Annual Conference, Amsterdam, the Netherlands.

IV Congress of the Latin American and Caribbean Association of Environmental and Natural Resources Economists, Heredia, Costa Rica.

2008

EAERE 16th Annual Conference, Gothenburg, Sweden.

2007

III Congress of the Latin American and Caribbean Association of Environmental and Natural Resources Economists, Talca, Chile.

12th Annual Meeting of the Latin American and Caribbean Economic Association, Bogotá, Colombia.

2006

11th Annual Meeting of the Latin American and Caribbean Economic Association, Mexico City, Mexico.

RESEARCH GRANTS, AWARDS AND FELLOWSHIPS:

- Göteborg Energi AB Research Grant. Project: Multi-Pollutant Abatement and Policy Interactions: CO₂ and NO_x Emissions in Sweden.
- Formas Grant 2010 (The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning). Main Applicant. Project: The Choice of Environmental Policies in Developing Countries and the Incentives to Comply and to Invest in Abatement Technology
- Adlerbertska Forskningsstiftelsen 2010.
- Universidad Diego Portales's research grant, 2007.
- LACEEP (Latin American and Caribbean Environmental Economics Program) research grant, 2006
- MECESUP (The Chilean Education Council) grant for international studies at Harvard University, 2004
- MECESUP (The Chilean Education Council) grant for postgraduate studies, 2002

TEACHING EXPERIENCE: (U: undergraduate, G: graduate)

Environmental Economics (U, G)

Econometrics (G)

Microeconomics (U)

Industrial Organization (U, G).

Teaching hours (in front of desk):

Undergraduate level: 311 hours

Graduate level: 192 hours

Total: 503 hours

I have taught at the Department of Economics at the University of Gothenburg and Physical Resource Theory at Chalmers University of Technology in Sweden and at Pontificia Universidad Católica de Chile and Universidad Diego Portales in Chile.

SUPERVISION OF PhD CANDIDATES AND UNDERGRADUATE STUDENTS

Department of Economics, University of Gothenburg, Sweden. PhD Level.

Assistant supervisor for:

Kristina Mohlin: "On the links between climate change and agriculture".

Jorge Bonilla: "On the effect of driving restrictions on pollution in Bogota, Colombia"

Clara Villegas: "Formal and informal regulations: enforcement and compliance".

Universidad Diego Portales, Santiago, Chile. Undergraduate Level.

Main supervisor for:

Nicolas Ricardi ("Efectos de la Educación Pre-Escolar en el Desempeño Escolar y la Superación de la Pobreza").

PROFESIONAL SERVICES AND ASSOCIATIONS

- Member of the Program Committee of the EAREE conference 2009
- Member of the Program Committee of the IV Congress of the Latin American and Caribbean Association of Environmental and Natural Resources Economists, Heredia, Costa Rica, 2009
- Member of the Program Committee of the EAREE conference 2008

- Member American Economics Association (AEA)
- Member Latin American and Caribbean Economic Association (LACEA)
- Member Association of European Environmental and Resource Economists (EAERE)

REFEREE

Journal of Environmental Economics and Management

Journal of Public Economic Theory

Journal of Environment and Development

Resources and Energy Economics

Energy Policy

Cuadernos de Economía

ADMINISTRATIVE ACTIVITIES

Coordinator at the Department of Economics, University of Gothenburg of the BECC (Biodiversity, Ecosystems and Climate Change) Research Program funded by the Swedish Research Council Formas 2010-2014

In charge of the seminar series at the Environmental Economic Unit, Department of Economics, University of Gothenburg (2009-2011)