

CURRICULUM VITAE

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Nationality: British, Chilean

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Economist and PhD. in Environmental Economics (University of Cambridge) with a Strong experience in Environmental Policy, with emphasis in Sustainable Development and Community Development

Education and Qualifications

University of Cambridge

1999-2003 PhD. in Environmental Economics, Department of Land Economy.

1998-1999 MPhil. in Environmental Policy, Department of Land Economy

London School of Economics.

1997-1998 MSc in Economics

University of Chile, Faculty of Economics.

1989-1993 BSc and Professional Qualification as Economist – Cum Laude Distinction

1980-1988 Primary & Secondary School: San Juan Evangelista School, Santiago, Chile.

1976-1979 Primary School at Leuven, Belgium.

Work Experience

Independent Consultant-Chile

2010 -

- Consultant for **CEPAL**, in the elaboration of “Análisis de Estrategias de Sostenibilidad Urbana en América Latina”
- Consultant of **BHP Billiton**: Advising and elaborating the Sustainability Reports 2011 for Minera Escondida, Pampa Norte, Operaciones Chile, Fundación Minera Escondida.
- Consultant of **Fundación Chile** for the formulation of the following projects: “Costo-Efectividad de la Mitigación de Emisiones de CO₂ en la Cadena de Valor de la Minería”, “Elaboración y Discusión de Impactos Económicos, Ambientales, Sociales y de Innovación de Escenarios Energéticos-Eléctricos al año 2030 en el Sistema Interconectado del Norte Grande (SING)”, “La Industria de Envases y Embalajes(E+E) de Chile en Búsqueda de las Mejores Tecnologías para Medir y Reducir la Huella de Carbono de sus Productos”, “Costo-Efectividad de la Mitigación de Emisiones de CO₂ en la Cadena de Valor de la Agroindustria”.
- Consultant of Escenarios Energéticos (AEE, CIPMA, FCH, AVINA, Futuro Latinoamericano) in: Development of an unprecedented Survey about Energetic Scenarios to 2030 in Chile, with key leaders of the sector.

Research Associate & Visiting Lecturer

2004 -

Faculty of Economics and Political Sciences, University of Chile

- Lecturer of the Postgraduate Course: “Urban Economics”
- Lecturer of the Undergraduate Course: “Economics of the Institutions”, “Microeconomics”
- Research Associate of the “Centro de Economía de los Recursos Naturales y el Medio Ambiente (CENRE)”.

Affiliated Lecturer

2004 - 2011

Department of Land Economy, University of Cambridge

- Lecturer of the Postgraduate Courses: “Environmental Economics”, “Institutions and Development”
- Lecturer of the Undergraduate Courses: “Environmental Economics”, “Urban Economics”, “Regional Economics” and “Microeconomics”
- Undergraduate and Postgraduate Dissertation Supervisor and Examiner. Topics: “*How to measure sustainable development? Indicators for community based Corporate Social Responsibility projects*”, “*Public Disclosure as a Policy Tool for Pollution Control: Theory and Evidence*”, “*Does the 'Service of Biodiversity and Protected Areas' bill respond to its objectives of 'promoting and encouraging' the creation of protected areas in private lands in Chile? The Zapallar's Mediterranean woodland case study*”, “*Voluntary Agreements for Reducing Carbon Emission in U.K.*”, “*Environmental Policy in Japan*”, “*Food Safety and Quality Requirements of the European Union: Barriers or Catalysts to Trade for Developing Countries? A Critical Review of the Literature and Case Studies*”, “*How the UK capital markets respond to environmental pollution news*”, “*Public Acceptability of Personal Carbon Trading*”, etc.
- University of Cambridge: “Examiner”.

Course Director 2007 - 2010

MSt. in Social Enterprise and Community Development, University of Cambridge

- Leads the academic team responsible for the Master of Studies degree course in Social Enterprise and Community Development.
- Is responsible for overall academic co-ordination of the course, and the maintenance of quality and standards. Liaise with the University, the Judge Business School and other potential customers for the course.

Academic Reviewer

- Reviewer of the Journal *Environmental & Resource Economics* 2007-
- Reviewer of the Journal *Environmental Values* 2001-

Institute of Continuing Education, University of Cambridge 2008

- Developed the Programme for a “Diploma on Corporate Social Responsibility” for the University of Cambridge.

International Institute for the Environment and Development (IIED) 2007

- Collaborate with the IIED in the organisation of the workshop: “NGOs, Business and the Challenges of ‘Scaling Up’: Supporting Small and Medium Enterprises in Low-Income Countries”.

Research Associate

2004 - 2005

Centre of Latin American Studies, University of Cambridge

- Lecturer of the Postgraduate Course: “Themes in Latin American Intellectual History: Thinking about the City”

Independent Consultant

2000 – 2002

- Policy adviser to the Chilean Clean Production Programme: diagnosis of the environmental management performance of manufacturing plants.
- Organised and developed the 1st Environmental Management Survey of Chilean Manufacturing Sector.

Study and Evaluation Advisor

1996 – 1997

Technologic Innovation Programme - Ministry of Economy, Santiago, Chile

- Supervised five technology development funds.
- Monitored various R&D indicators against international standards.
- Proposed economic and technological policies in the field, based on their impact on the environment from an economic viewpoint.

Research Department Economist

1993 – 1996

GEMINES S.A. – Santiago, Chile

- Consulting and studies on: Electrical Sector, Water Rights, International Trade Agreements & their impact on the Environment, Native Forest Law, Gas Pipeline Project, Telecom.
- Regular reports on regional economic activity indicators.

Awards and Grants

- **Highly Commended Award Winner** at the Literati Network Awards for Excellence 2009, for the paper “Patterns of Environmental Management in the Chilean Manufacturing Industry: An Empirical Approach”, *Management of Environmental Quality*, May 2008.
- Fieldwork Research Grant: Centre of Latin American Studies, University of Cambridge, 2000 and 2001 (“*New Approaches in Environmental Regulation in Less Developed Countries: The Case of Chile*”), 2007 (“*Allocation and Localisation of Landfills in Chile*”), 2008 (“*Academic Networking with Programmes of Corporate Social Responsibility (CSR) in Chile*”), 2009 (“*Is There any Ethical Consumerism in Chile: Particularly in the Food Industry? How has it Changed in the Last Decade? Compare it with the Trend in the UK in Recent Years*”), 2010 (“*Identifying Climate Change Mitigation and Adaptation Policies in Chile: What is Chile Currently Doing and Evaluating Regarding Climate Change?*”).
- Best Economist Graduate of the Year 1993, Economists’ Association of the University of Chile.
- Fulbright Scholarship for Post-Graduate Studies in the USA, 1997
- British Council Scholarship for Post-Graduate Studies in the UK, 1997
- Chilean Government Scholarship for Post-Graduate Studies, 1997-2000
- University of Cambridge: *Travel awards: Jesus College*, 1999, 2000, 2001 and 2002. *Cambridge Journal of Economics Grant*, 2000, 2002. *Cambridge Overseas Trust Scholarship*, 2000. *Land Economy Grant*, 2000, 2001.

Work Presentations and Conferences

- “*Patterns of Environmental Management in the Chilean Manufacturing Industry: An empirical Approach*” . Conference Title: 16th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Gothenburg-Sweden, 2008.
- “*Filling the Gap in Scaling Up Social Enterprises Teaching Social Enterprise: MSt. in Social Enterprise and Community Development (SECD)*”. Social Enterprise Workshop. Cambridge, UK, 2008.
- “*Analysing the Impact of Inspections and Enforcement on Industrial Water Pollution in Laguna de Bay, Philippines*”, with U. Pascual and L. Montenegro. Conference Title: 15th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Thessaloniki-Greece, 2007.
- “*Why Do Plants Invest in Environmental Management?: a Chilean Case Study*”. Conference Title: “The Potential of CSR to Support Implementation of the EU Sustainability Strategy”, Milan-Italy, 2007. Conference Title: Latin American and Caribbean Economic Association (LACEA), Puebla-Mexico, 2003. Conference Title: The 2003 Corporate Social Responsibility and Environmental Management Conference, Leeds-UK, 2003.
- “*What are the Determinants of Environmental Compliance in the Chilean Manufacturing Industry?: A Case Study*”, Conference Title: Latin American and Caribbean Economic Association (LACEA), Paris-France, 2005.
- “*How Capital Markets Respond to Environmental News*”, Cambridge Research for the Environment Workshop, Cambridge-UK, 2002. Conference Title: Latin American and Caribbean Economic Association (LACEA), San Jose-Costa Rica, 2004. Conference Title: 13th Annual Conference of the European Association of Environmental and Resource Economists, Budapest-Hungary, 2004.
- “*Determinants of Environmental Compliance: An analysis of the Chilean Industry*”, Conference Title: Latin American

Meeting of the Econometric Society, Sao Paulo-Brazil, 2002. Conference Title: "Environmental Policy: Assessing the Costs of Compliance", LSE, London-UK, 2001.

- "Using Factor Analysis to Identify Problems of Improving Environmental Performance by Manufacturing Plants", Cambridge Research for the Environment Workshop, Cambridge-UK, 2001.

Affiliation and Membership

- Senior Fellow of Wolfson College, University of Cambridge, United Kingdom (2008-...)
- Fellow of Downing College, University of Cambridge, United Kingdom (2007-...)
- Affiliation: Member of the *Environmental Economy and Policy Research Group* (EEPRG). There are two research centres within the group: *Rural Business Unit* (RBU) and *Cambridge Centre for Climate Change Mitigation Research* (4CMR). Member of the *Cambridge Centre for Economic and Public Policy* (CCEPP), University of Cambridge, UK. Research Associate of the *Centro de Economía de los Recursos Naturales y el Medio Ambiente* (CENRE), Faculty of Economics and Political Sciences, University of Chile, Chile.
- Membership: *European Association of Environmental and Resource Economists* (EAERE), *Royal Economic Society* (RES), *Latin American and Caribbean Economist Association* (LACEA).

Languages

- Spanish: First Language; English: Fluent; French: Intermediate.

List of Publications

- "Patterns of Environmental Management in the Chilean Manufacturing Industry: An Empirical Approach", *Management of Environmental Quality*, May 2008. **Highly Commended Award Winner at the Literati Network Awards for Excellence 2009.**
- "What are the Determinants of Environmental Compliance in the Chilean Manufacturing Industry? A Case Study": <http://www.landecon.cam.ac.uk/research/eeprg/pdf/200617.pdf>.
- "Why Do Manufacturing Plants Invest in Environmental Management?": <http://www.landecon.cam.ac.uk/research/eeprg/pdf/200620.pdf>.
- "How Capital Markets Respond to Environmental News": <http://www.landecon.cam.ac.uk/research/eeprg/pdf/200622.pdf>
- Book Review: Paul Koutstaal: *Economic Policy and Climate Change: Tradable Permits for Reducing Carbon Emissions*, Edward Elgar. Published in *Environmental Values*, Volume 10, Number 2, May 2001.
- Millán, I. and Ruiz-Tagle, M.T. (1995), "The Electrical Transmission System in Chile, Distribution Concessions of Electricity: Overlapping and Conflicts", *Cuadernos de Estudios EAC* 1, pp. 93-122.