

CURRICULUM VITAE
MIGUEL ANGEL QUIROGA SUAZO

February 2018

Personal Data

Current position : Associate Professor, Department of Economics, Universidad de Concepción, Chile
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E-mail : mquirog@udec.cl
Date of birth : March 23rd, 1969
Place of birth : Lota, Chile
Marital Status : Married, 2 daughters.
Citizenship : Chilean

Education:

PhD. in Economics, School of Business, Economics and Law, University of Gothenburg, Gothenburg, Sweden (2009).
MSc. in Environmental and Natural Resource Economics, University of Concepción, Chile (2001).
Commercial Engineer (Professional title), University of Concepción, Chile (1991).
B.Sc. in Economics, Department of Economics, University of Concepción, Chile (1990).
Primary and Secondary Education Colegio Salesiano de Concepción (1980-1985).
Primary Education Escuela D-648 de Coronel (1974-1979).

Academic Employment:

Department of Economics, University of Concepcion, Chile (since February 1993-)

Current Responsibilities:

- Associate Professor (since January 2013-)
- Research Fellow at the Interdisciplinary Centre for Aquaculture Research (INCAR) (since December 2012-)
- Research Fellow at the *Research Nucleus on Environmental and Natural Resource Economics* granted by the Scientific Initiative Millennium from the Ministry of Economy, Development and Tourism of the Chilean Government (since October 2011 to October 2014 and renewed since November 2014 to November 2017)). Since January 2018, Director of the Nucleus.
- Research Fellow Environment for Development (EfD) Initiative (“A capacity-building program in environmental economics focusing on research, policy interaction, and academic programs. The overall objective of EfD is to support poverty alleviation and sustainable development by building environmental economics capacity in policy making processes” – See more in <http://www.efdinitiative.org>). Since January 2018, Director of EfD Chile.

- Member of the Graduate Area Committee in Business and Economics Science, National Accreditation Board, CNA – Chile (since December 2012-) and since January 2018 Committee's Coordinator.
- Member of Advice Academic Committee in the Project “Diseño e Implementación de una Unidad de Vigilancia Estratégica para Región del Biobío” carried out by the Dirección de Vinculación Social from Vicerrectoría de Relaciones Institucionales y Vinculación con el Medio at Universidad de Concepción financed by CORFO (December 2016 to February 2018)
- Member of Academic Committee Graduate Programs: Master of Science on Environment and Natural Resource Economics and Master of Science in Applied Economics (since 2013-).
- Member of Student Awards/Scholarships Committee in INCAR (since 20015).
- Referee FONDECYT Projects (since 2010-) and FIPA (Research Funds on Fishing and Aquaculture, since 2015).
- Member of Scientific Committee of Interamerican Journal of Environment & Tourism (U. de Talca, Chile – since 2015).
- Referee of journals: *Ambio*, *Environment and Development Economics* (EAERE), *Ensayos sobre Economía Política* (Banco Central de Colombia), *Economía y Administración* (U. de Concepción, Chile), *Economía Sociedad y Territorio* (Colegio Mexiquense A.C.), *Revista de Economía Institucional* (Colombia).
- Coordinator of Department of Economics Seminars' Program (since 2014-).
- Evaluator graduate programs for Qualitas (Accreditation Agency) (since 2012-).
- Teaching undergraduate courses at the Department of Economics: Microeconomics (different levels), Development Economics, International Trade, and Development Microeconomics (since 1993-).
- Teaching graduate courses at the Master Science Programs in Environmental and Natural Resources Economics and Applied Economics: *Microeconomic Theory I* and *Natural Resource Economics* (since 2002-) and at the Doctor of Science Program in Management on Renewable Aquatic Resources: *Management of Renewable Aquatic Resources* (with Renato Quiñones, Carlos Hernández and Jorge Dresdner, since 2014 -).
- Other short courses. *Elements for fisheries socioeconomics recovery according to OCDE* OCDE (with Luis Cubillos y Sergio Neira, Austral Summer Institute XVII, Universidad de Concepción January 23rd to 27th 2017) and Monetary and Economic Integration in Europe (in Diploma en Estudios Europeos “La Unión Europea” at Programa de Estudios Europeos de la Universidad de Concepción May 13rd 2017).

Past Responsibilities

- Coordinator of UdeC100 (2016-2017, academic organization at Universidad de Concepción).
- Chairman Department of Economics (from September 2009 to September 2013).
- Evaluator graduate programs for National Accreditation Boards, CNA-Chile (2011-2012).
- Thesis Coordinator at the Master of Science Program in Environmental and Natural Resources Economics and Master of Science program in Applied Economics (since 2008 to 2009).

- Editor-in-chief of peer review journal “Revista de Economía y Administración” (since March 2008 to July 2012).
- Editor-in-chief of local journal: *Informe Económico Regional* (since 1998 to September 2003).
- Teaching undergraduate courses at the Department of Economics: Industrial Organization, Natural Resource Economics, International Economics (Real Aspects), and eventually Macroeconomics.

Past Employments:

Consultant - Forestal e Industrial Santa Fé S.A. (from May to July 1992)

Vice-head of Management Unit - Transportes Innocenti Ltda. (from July 1992 to September 1992)

Head of the Commercial Development Department - ESSBIO S.A. (from September 1992 to February 1993)

Supervision of MSc. Students

MSc. in Environmental and Natural Resource Economics, University of Concepción

Ana Nava, “Análisis de corto plazo del consumo de agua para la ciudad de Chihuahua, Chihuahua”, year of graduation: 2003, country: México.

Ilya Espino, “Focalización del subsidio al pago del consumo de agua potable y servicio de alcantarillado de aguas servidas (sap) para usuarios urbanos de Chile”, year of graduation: 2009, country: Nicaragua.

Mario Velásquez, “Conservación a través del cultivo: el caso del *Abies Guatemalensis* Rehder en tres comunidades rurales de Guatemala”, year of graduation: 2010, country: Guatemala.

Roberto Portillo, “Cambios en el uso de la tierra y potencial de captura de carbono en Chile”, year of graduation: 2012, country: Honduras.

Sarah Irffi, “Cooperation in the Chilean Jack Mackerel fishery within the South Pacific Regional fisheries management organization”, year of graduation: 2012, country: Brasil. (co-supervision)

Juan Carlos Rosas, “Efecto del capital social en el desempeño económico de las organizaciones con AMERBs.”, year of graduation: 2013, country: Chile. (co-supervision)

Vanessa Cadena, “Análisis de los factores que determinan el desempeño de los países en la administración de los recursos marinos”, year of graduation: 2014, country: Ecuador.

Ilsy Hernández, “Impactos de la certificación forestal en el crecimiento de las exportaciones en Chile”, year of graduation: 2014, country: Guatemala.

Gloria Chávez, “Efectos del RAE en la eficiencia técnica del sector pesquero artesanal de Sardina común y Anchoqueta”, year of graduation: 2015, country: Ecuador.

Daniela Catalán, “Impacto en la pobreza del establecimiento de centros salmonícolas: localidades de la Región de Los Lagos”, year of graduation: 2015, country: Chile.

MSc. in Applied Economics, University of Concepción

Andrea Cayumil, “Impacto de la profundidad financiera en el desempeño industrial durante el período 2005-2010.”, year of graduation: 2012, country: Chile.

Articles in Refereed Journals

- “*The Impact of Caligus Treatments on Unit Costs of Heterogeneous Salmon Farms in Chile*” (with Jorge Dresdner, Carlos Chávez, Daniel Jiménez, Paulina Artacho, Alfredo Tello), **Aquaculture Economics & Management** (Forthcomming).
- “*Does the location of the salmon farms contribute to the reduction of rural poverty? An impact assessment of the Chilean case*”, (with Adams Ceballos and Jorge Dresdner). **Food Policy** 75: 68-79. 2018.
- “*The Effect of Collective Rights-Based Management on Technical Efficiency: The Case of Chile’s Common Sardine and Anchovy Fishery*” (with Gloria Chávez and Jorge Dresdner). **Marine Resource Economics** 33(1): 87-112. 2018.
- “*Is Employment Adjustment in Chile Sluggish?*” (“in spanish”) (with Jorge Dresdner, Leonardo Salazar, Juan Riquelme, and Grethel Zurita). **El Trimestre Económico** 84 (333): 73-102. 2017.
- “*Effect of Social Networks on the Economic Performance of TURFs: The Case of the Artisanal Fisherman Organizations in Southern Chile*” (with Juan Carlos Rosas, Jorge Dresdner, Carlos Chavez). **Ocean and Coastal Management** 88(0):43-52. 2014.
- “*Agglomeration Economies: Influence on the Distribution of Foreign Investment in Chile*”. **Estudios de Economía** 29 (1), 139-163, Universidad de Chile, Facultad de Ciencias Económicas y Administrativas, June, 2002.
- “¿What does export the Biobío Region?” *Informe Económico Regional* , No 36 ,year 14, August, Facultad de Ciencias Económicas y Administrativas (FCEA), Universidad de Concepción. Pp. 41-48, 2000 (with H. Salgado).
- “Regional Economy and Investment”, *Informe Económico Regional* N°36, year 14, August, FCEA, Universidad de Concepción. Pp. 29-36, 2000.
- “Taxes instruments for the environmental policy”. *Panorama Socioeconómico* N°19, year 17, Facultad de Ciencias Empresariales Universidad de Talca. Pgs. 37-52, October 1999 (with E. Bobenrieth, A. Cerda, F. Vasquez).
- “In deep: characterization and analysis of regional fishing sector”, *Informe Económico Regional* N°29, year 12, April, FCEA, Universidad de Concepción. Pp. 35-47, 1998.
- “Vulnerability and Impact of Potential Environmental Constraints on the Chilean Export Sector”, *Economía y Administración*, FCEA, Universidad de Concepción, year 32, N°45, December , Pp. 25-47, 1995 (with J. Dresdner, A. Cerda, C. Chávez).
- “The impact of the mandatory environmental standards on the Chilean exports”, *Revista Ambiente y Desarrollo*, Vol. XI, N°4, pp. 19-27, December, 1995. (with J. Dresdner, A. Cerda, C. Chávez).
- “Analysis and Perspectives of the Regional Tourist Activity”, *Informe Económico Regional*, N°17, April, FCEA, Universidad de Concepción. Pp. 32-43, 1994.

“Economic Characterization of Energy Sector in the Biobío Region”, *Informe Económico Regional*, N°15, August, FCEA, Universidad de Concepción. Pp. 43-51, 1993.

Book, articles in books and other official documents

- “The Differentiated Impact of Sea Lice Treatments on Salmon Centers Unit Production Costs”. Challenging New Frontiers in the Global Seafood Sector: Proceedings of the Eighteenth Biennial Conference of the International Institute of Fisheries Economics and Trade, July 11-15, 2016. Compiled by Stefani J. Evers and Ann L. Shriver. International Institute of Fisheries Economics and Trade (IIFET), Corvallis, 2016. Proceedings of the Eighteenth Biennial Conference of the International Institute of Fisheries Economics and Trade, held July 11-15, 2016 at Aberdeen Exhibition and Conference Center (AECC), Aberdeen, Scotland, UK. (with Jorge Dresdner y Carlos Chávez)
- “The Bío Bío Region, Chile: Self-Evaluation Report”, OECD Reviews of Higher Education in Regional and City Development, IMHE. OECD/Bío Bío’s Regional Steering Committee. <https://www.oecd.org/chile/43694606.pdf>
- “Conclusiones Mesa de trabajo: Los temas económico financieros de la descentralización y la Regionalización”. Presentación de conclusiones de mesa de trabajo. In: summary book of the seminar “A diez años de la creación de los gobiernos regionales- evaluaciones y proyecciones”. SUBDERE, Programa Universidades – Gobiernos Regionales. Ministerio del Interior, Subsecretaría de Desarrollo Regional y Administrativo, octubre, pages 175-178, 2003.
- "Key Issues of Tariff Reform in the Water Sector in Eastern Europe, Caucasus and Central Asia". EAP Task Force, OECD - Organization for Economic Co-operation and Development (with other authors), 2003.
- “*Regulating Tariffs in the Chilean Water Industry: Assessment and Challenges*”, (Background document for Conference Proceedings) International Conference on Tariff Regulation in the Water and Sanitary Sector of Chile: Recent Experience and Challenges, Universidad de Concepción, Chile, June 20th 2003 (con C. Chávez).
- “Biobío Region: Analysis of Regional Exports 1993-2000”, Published by Prochile Biobío Region, October, 62 pages, 2001 (with H. Salgado).

Research Projects

- FIPA N°2016-57 (2016). Determination of potential benefits from seaweed bonification law in the aquaculture sector from Biobío and Los Lagos Regions. Main Researcher. (October 2016-November 2017).
- IFOP (2015). Estimation of Indirect Employment from the Chilean Fishing Sector. Instituto de Fomento Pesquero (IFOP). Main-researcher. Finished (Oct 2015 - May 2016).
- SUBPESCA Project 2013-3-DAS-2 (2013). *Socio-economic Evaluation of the Management Measures Applied over the Mixed Small Pelagic Fishery in the Centre-South Zone*. Departamento de Análisis Sectorial, Subsecretaría de Pesca del Gobierno de Chile. Co-researcher. Finished.

- SUBPESCA Project 2012-15-DAS-1 (2012). *Diagnosis of the Main National Fisheries from the Perspective of the Fishery Economic Recovery Model proposed by the Organisation for Economic Co-operation and Development (OECD)*. Subsecretaría de Pesca del Gobierno de Chile. June-December. Main-researcher. Finished.
- PNUD Project 62347 Program of Public Policy on Employment (2010 – 2011). *Update of a predictive econometric model of employment generation by region and productive sector* (“in spanish”). December – June. Co-researcher. Finished.
- FNE Project (2009-2010). *Analysis of the production and commercialization chain in the Chilean forest sector: structure, agents and practices* (“in spanish”). Fiscalía Nacional Económica. Co-researcher. Finished.
- FIP Project 2008-31 (2009). *Socioeconomic evaluation of the Concholepas-Concholepas fishery in the management areas of benthonic resources (AMERBs), as a decision element for the fishery management* (“in spanish”). Fondo de Investigación Pesquera. Co-researcher. Finished.
- FIP Project 2008-56 (2009). *Economic evaluation of the environmental assets in the Chilean marine reserves decreed under the aquaculture and fishery general law* (“in spanish”). Fondo de Investigación Pesquera. Co-researcher. Finished.
- OECD Project (january-july 2009). *Contribution of the Higher Education Institutions (HEI) to the Development of the Bío Bío Region: Self-Evaluation Report for the Bío Bío Region*. Organization for Economic Cooperation and Development. Co-researcher. Finished.
- CHILECALIFICA Project (2008). *Employment generation at the occupational level in the short and medium run from the programmed and realized investment in the productive sector 2006 –2007* (“in spanish”). Co-researcher. Finished.
- CONAMA Project (1998-1999). *Taxes instruments for the environmental policy: proposal and applicability analysis*. Corporación Nacional del Medio Ambiente (“in spanish”). Co-researcher. Finished.
- CONAMA Project (1994). *Diagnosis of the impact of possible environmental constraints on the Chilean exporter sector*. Corporación Nacional del Medio Ambiente (“in spanish”). Co-researcher. Finished.

Consultancies

- Review of the Training Program in Economics in Cuba*, Universidad de la República, Uruguay, December 2015. Finished.
- SUBPESCA Project 2013-29-DAS- (2013). *Sistema de Seguimiento de Precios de Primera Venta o Playa en el Sector Pesquero (FASE I)*. Departamento de Análisis Sectorial, Subsecretaría de Pesca del Gobierno de Chile. Advisor. Finished.
- Conceptual aspects and empirical evidence on design and performance of fishery individual transferable quotas (ITQ): proposal for the Chilean case* (“in spanish”) (Causa ROL NC No. ERN 12-10 Tribunal de Defensa de la Libre Competencia), July 2010.
- Regulatory Schemes for Water Provision in Theory and Practice* (OECD), 2001.
- Water Metering Successful Story: Chile* (OECD), 2001-2002.
- Economic evaluation: Port and Industrial Park* (“in spanish”) (Catholic University, Chile), 1998.

Economic valuation of wetlands, Sector Rocuant, Talcahuano (“in spanish”) (COREMA - Regional Environmental Corporation), 1996.

Macroeconomic variables that determines export and national consumption of newsprint paper (“in spanish”) (Papeles Bío-Bío S.A.), 1996.

Forecasting of macroeconomic variables 1995-2010 (“in spanish”) (Papeles Bío-Bío S.A.), 1996.

Export evolution of derived products from Rosehip (“in spanish”) (CIDERE Bío-Bío), 1991-1994.

Consumption structure, willingness to pay and price elasticity of water demand (“in spanish”) (ESSBIO S.A.), 1993-1994.

Working Papers

“Pending Issues and Challenges of Salmon Farming in Chile: A Socioeconomic Perspective”, (with Carlos Chávez, Jorge Dresdner and Yanina Figueroa). In evaluation **Reviews in Aquaculture**.

“Poverty Impact of Salmon Growth Centers in Los Lagos’s Region in Chile” (with Daniela Catalán y Jorge Dresdner), Departamento de Economía, Universidad de Concepción (2015). In evaluation **Journal of Development Studies** (revise and resubmit).

“Análisis de los factores que determinan el estado de explotación de los recursos marinos” (with Vanessa Cadena y Carlos Chávez), Departamento de Economía, Universidad de Concepción (2013). (In progress)

“Community watershed management in Guatemala” (Mario Velasquez e Ignacio Schiappacasse). LACEEP Working Paper Series WP54, 2013.

“Exploring Intertemporal Values of Ecosystem Services: Evidence from a Marine Protected Area Network” (with Moises Carrasco, Felipe Vasquez, Roberto Ponce, José Ignacio Hernández), Departamento de Economía, Universidad de Concepción (2013). In evaluation **Marine Resource Economics** (revise and resubmit).

“A Bioeconomic Analysis of International Cooperation in the Southern Pacific Jack Mackerel Fishery” (with Sarah Irffi and Hugo Salgado), Departamento de Economía, Universidad de Concepción. In evaluation (second round) **Ocean and Coastal Management**.

“Socioeconomic Analysis of TURFs in Chile” (with Hugo Salgado, Mónica Madariaga and Miguel Moreno), DT 2013-01, Departamento de Economía, Universidad de Concepción (2013).

“Can Local Financial Depth Impact Regional Development? Evidence for Chile” (with Andrea Cayumil, Gabriel Pino and Ivan Araya), Departamento de Economía, Universidad de Concepción. In progress **Papers in Regional Science** (revise and resubmit)

“Chile: Land Change Use and Potential Carbon Sequestration” (“in spanish”) (with Roberto Portillo), DT 2011, Departamento de Economía, Universidad de Concepción (2011).

“Pollution Haven Evidence in Polluting Industries” (with Thomas Sterner, Martin Persson), DT 2011, Departamento de Economía, Universidad de Concepción (2011). (**In progress**)

- “Proposal for Sustainable Management of the Industrial Fishery in Chile based in Individual Transferable Quotas”* (“in spanish”) (with Carlos Chávez, Jorge Dresdner and Hugo Salgado), DT 15-2010, Departamento de Economía, Universidad de Concepción (2010).
- “Determinants for community participation in conservation efforts of an endemic species through cultivation: the experience in three rural communities of Guatemala”* (with Mario Velasquez and José Pablo Prado). DT 06-2010, Departamento de Economía, Universidad de Concepción (2010).
- “Targeting Water Subsidies for Urban Consumers in Chile”* (with Ilya Espino). Departamento de Economía, Universidad de Concepción (2010).
- “Absenteeism and Time-Inconsistent Behavior. Should we make lecture attendance compulsory?”*. DT 03-2010, Departamento de Economía, Universidad de Concepción (2010). **(In progress)**
- “Do Countries with Lax Environmental Regulations Have a Comparative Advantage in Polluting Industries?”* (with T. Sterner and M. Persson). DT 03-09, Departamento de Economía, Universidad de Concepción (2009).
- “Poor Areas or Poor People: Decomposing differences in living standards and poverty”* DT 01-08, Departamento de Economía, Universidad de Concepción (2008).
- “Have Countries with Lax Environmental Regulations a Comparative Advantage in Polluting Industries?”* (with T. Sterner and M. Persson). RFF Discussion Paper 07-08, Resources for the Future, Washington, DC -April (2007).

Specialized Congress, Conferences and Seminars Presentations

- Environment for Development Initiative (EfD) 11th Annual Meeting, October 27-31 2017, Addis Ababa, Ethiopia. Paper presented: “The Effect of Collective Right-Based Management on Technical Efficiency: The Case of the Chilean’s Common Sardine and Anchovy Fishery”.
- Fifth Workshop in Natural Resources and Environmental Economics, Research Nucleous ICM Environmental and Natural Resource Economics, Termas de Catillo, Chile, October 5-6, 2017. *“Determination of potential benefits from seaweed bonification law in the aquaculture sector from Biobío and Los Lagos Regions”*. In: Panel “Política de incentivo al repoblamiento y cultivo de algas”.
- 9th Annual Meeting of Chilean Society of Regional Studies (SOCHER), September 27-29 2017, Universidad de Concepción y Universidad del Bío-Bío, Termas de Chillán, Chile. Paper presented: “The Impact of Caligus Treatments on Unit Costs of Heterogeneous Salmon Farms in Chile”.
- Environment for Development Initiative (EfD) Tenth Annual Meeting, November 10-13 2016, Pucón, Chile. Paper presented: “What factors influences the status of exploitation of marine resources at the country level? An empirical analysis using country level data”.
- 8th Annual Meeting of Chilean Society of Regional Studies (SOCHER) “Cities and Regions in Transformation”, September 7-10 2016, Pontificia Universidad Católica de Chile, Santiago. Paper presented: “Poverty Impact of Salmon Growth Centers in Los Lagos’s Region in Chile”.

- 36th Congreso Chileno de Ciencias del Mar (SuMAR UdeC 2016), May 23rd to 27th at Universidad de Concepción, Concepcion, Chile. Presentation titled: “Recovery of Fisheries: Socioeconomics Aspects” in Symposium “Recovery of Fisheries”.
- Environment for Development (EFD), Ninth Annual Meeting, November 5 to 8, 2015, Shanghai Marriott Hotel Changfeng Park, China. Paper presented: “*Poverty Impact of Salmon Growth Centers in Los Lagos’s Region in Chile*” (with Daniela Catalán and Jorge Dresdner).
- Four Workshop in Natural Resources and Environmental Economics, Research Nucleous ICM Environmental and Natural Resource Economics, Termas de Catillo, Chile, March 18 to 20, 2015. Paper presented “*What factors do influence sustainability of marine resources? An empirical analysis using country level data*” (with Vanessa Cadena and Carlos Chávez).
- Third Workshop in Natural Resources and Environmental Economics, Research Nucleous ICM Environmental and Natural Resource Economics, Termas de Chile, Chile, March 22 to 24, 2013. Paper presented “*Community Watershed Management in Guatemala*” (with Mario Velasquez and Ignacio Schiappacasse).
- Environment for Development (EFD), Seventh Annual Meeting, October 24 to 27, 2013, Monkey Valley, South Africa. Paper presented: “*Effect of Social Networks on the Economic Performance of TURFs: The Case of the Artisanal Fisherman Organizations in Southern Chile*” (with Juan Carlos Rosas, Jorge Dresdner and Carlos Chávez).
- Workshop in Gestión del Espacio Marino y su Recursos Naturales a través de Modelos de Derechos de uso Territorial y Áreas Protegidas, Hotel Puerta del Sur, Valdivia; November 26 to 29, 2012, organized by The Nature Conservancy (TNC). Presentation: “*Aspectos económicos y sociales de las AMERBs*”.
- Environment for Development (EFD), Sixth Annual Meeting; October 25 to 29, 2012; Arenal Manoa Hotel, Costa Rica. Paper presented: “*Determinants for community participation in conservation efforts of an endemic species through cultivation: the experience in three rural communities of Guatemala*” (with Martin Velasquez and José Pablo Prado).
- Annual Meeting of the Chilean Economic Society (SECHI); September 27 to 28, 2012, Campus Universidad Adolfo Ibañez, Viña del mar, Chile. Paper presented: “*Pollution Haven Evidence in Polluting Industries*” (with Thomas Sterner and Martin Persson).
- Fourth Annual Meeting of the Chilean Society of Regional Studies (SOCHER), Universidad Católica del Norte, Coquimbo, Chile, August 9 to 10, 2012. Paper presented: “*Pollution Haven Evidence in Polluting Industries*” (with Thomas Sterner and Martin Persson).
- 19th Annual Conference of the European Association of Environmental and Resource Economists, Prague, Czech Republic, June 27 to 30, 2012. Paper presented: “*Pollution Haven Evidence in Polluting Industries*” (with Thomas Sterner and Martin Persson).
- First Workshop in Natural Resources and Environmental Economics, Research Nucleous ICM Environmental and Natural Resource Economics, Termas de Catillo, Chile, March 22 to 24, 2012. Papers presented: “Costo de Captura de Carbono: Una aplicación para Chile utilizando el Censo Agrícola” (with Roberto Portillo) and “Propuesta para una Administración Sustentable de la Pesca Industrial en Chile basada en Cuotas Individuales Transferibles (CIT)” (with Carlos Chávez, Jorge Dresdner and Hugo Salgado).

- Seminar “Development Strategies in front of crises”, 5 and 6 December 2011, Facultad de Ciencias Sociales, Universidad de la República, Montevideo, Uruguay. Presentation: *“Decomposing poverty differences at the regional level”*.
- International Forest Seminar, XXV SILVOTECNA 2010, November 10th 2010, organized by CORMA. Presentation: “Erosion, poverty and agro productivity”,
- Presentation of research project “Social capital and community watershed management in Guatemala” in the X Workshop organized by LACEEP in Quito, Ecuador, 19 and 20 September 2010.
- Annual Meeting of the Chilean Economic Society, 3 and 4 September 2010, Talca, Chile. Presentation: *“Absenteeism and Time-Inconsistent Behavior. Should we make lecture attendance compulsory”*
- Fourth World Conference on Environmental and Natural Resource Economists, June 28th to July 2nd 2010 in Montreal, Canadá. Presentation: *“Determinants for community participation in conservation of an endemic species (Abies guatemalensis Rehder) through cultivation: the experience in three rural communities of Guatemala”* (with Mario Velasquez).
- Symposium The Porter Hypothesis at 20: How Can Environmental Regulation Enhance Innovation and Competitiveness?, 27 to 28 August 2010 in McGill University, Montreal Canadá. Presentation: *Effect of Environmental Regulation on Productivity and Competitiveness*.
- Meeting of the Chilean Chapter of LACEA/IDB/WB/UNDP Network on Inequality and Poverty (NIP). Presentation: *“Poor Areas or Poor People? Decomposing differences in living standards and poverty”*, Universidad de Chile, Santiago, Chile. December 2009.
- Annual Meeting of the Chilean Economic Society, 4 to 5 September 2008, Reñaca, Viña del Mar, Chile. Presentation: *“Poor Areas or Poor People: Decomposing differences in living standards and poverty”*
- XVI Annual Conference of the European Association of Environmental and Natural Resource Economists, 25-29 June 2008 in Gothenburg, Sweden. Presentation: *“Have Countries with Lax Environmental Regulations a Comparative Advantage in Polluting Industries?”*
- VII Nordic Conference in Development Economics, 16 - 17 June 2008 in Stockholm University, Stockholm, Sweden. Presentation: *“Poor Areas or Poor People: Decomposing differences in living standards and poverty”*
- Third World Conference on Environmental and Natural Resource Economists, 3 - 7 July 2006, Kyoto, Japan. Presentation: *“Have Countries with Lax Environmental Regulations a Comparative Advantage in Polluting Industries?”*
- International Conference on Tariff Regulation in the Chilean Sanitary Sector: Recent experiences and challenges, June 20th 2003, Universidad de Concepción, Concepción, Chile (with C. Chávez). Presentation: *“Regulating Tariffs in the Chilean Water Industry: Assessment and Challenges”*.
- Conference in Development Economics, Technology and Human Resources, 13 - 14 December 2001, Taquí del Valle, Tucumán, Argentina. Presentation: *“Economics of Agglomeration: Implications on the Distribution of Foreign Direct Investment in Chile”*.

- Annual Meeting of the Chilean Economic Society, September 2000, Punta de Tralca, Chile. Presentation: *"Economías de Aglomeración: Su Influencia en la Distribución Regional de la Inversión Extranjera en Chile"*.
- Fifth Scientific Meeting about Environment, "Global Insertion and Environment", 1 - 4 August of 1995 in Temuco, Chile. Papers presented: *"The international environment and the environmental constraint to the Chilean export: a reference approach"*, *"Impact of the potencial environmental constraints on the employment and export of the chilean industry"*, *"Vulnerability of the Chilean exporter sector due to potential environmental constraints"* y *"Methodology proposal to value the Chilean forest resources"*.
- Internacional Seminar "Valuation and National Accounting of Natural Resources and the Environment", 24 - 25 August 1994, University of Concepción, Concepción, Chile. Presentation: *"Estimación de la disposición a pagar por descontaminación del Río Biobío"*

Older Discussion Papers

- "Regulatory Schemes for Water Provision in Theory and Practice", Background Document presented in Second Meeting on Tariff Reform in Urban Water Sector Reform of the NIS, Moscow, Russian Federation, June 2-4, 2002 (with C. Chávez).
- "Water Metering Successful Story: Chile", Background Document presented in Tariff Reform in the Municipal Water Supply, First Expert Workshop, Paris, February 25-26, 2002 (with C. Chávez).
- "Valoración Económica del Recurso Humedal Sector Rocuant, Talcahuano - VIII Región: ejercicio preliminar", Departamento de Economía, Universidad de Concepción, enero, 1997.
- "El entorno internacional y las restricciones ambientales a las exportaciones chilenas: un marco de referencia". En: *5º Encuentro Científico Sobre el Medio Ambiente, "Inserción Global y Medio Ambiente"*, Ponencias Tomo I. Organiza: CIPMA. Temuco, del 1 al 4 de agosto, 1995 (with J. Dresdner, A. Cerda, C. Chávez).
- "Impacto de potenciales restricciones ambientales sobre el empleo y las exportaciones en la industria exportadora chilena". En: *5º Encuentro Científico Sobre el Medio Ambiente, "Inserción Global y Medio Ambiente"*, Ponencias Tomo I. Organiza: CIPMA. Temuco, del 1 al 4 de agosto, 1995 (with J. Dresdner, A. Cerda, C. Chávez).
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