

# MAURICIO OYARZO AGUILAR, PHD

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## SUMMARY

- Mauricio Oyarzo currently works at the School of Business and Management, University of Concepción Campus Chillán (Chile).
- Mauricio does research in mining resources, mining windfalls and local public finance.
- Their most recent publication is 'Shocks derived from mining windfalls and horizontal transfers: Exploring the permanent income hypothesis in Chilean municipalities from a spatial competition approach' in *Socio-Economic Planning Sciences*. DOI: <https://doi.org/10.1016/j.seps.2022.101468>.

## TECHNICAL SKILLS

- **Econometrics Software Packages:** Stata, R-Project, SPSS, Nlogit, Gretl.
- **GIS:** GeoDa, GeoDa-Space, ArcGis, QGIS.
- **Word processing :** LaTeX, Microsoft Office.

## RESEARCH EXPERIENCE

### Escuela de Administración y Negocios

Lecturer and Researcher

- Courses: Microeconomics I and II, Econometrics, Applied Research, Research Methodology.

Universidad de Concepción

Dec 2017 to present

### IDEAR

Associate researcher

- Applied research

Universidad Católica del Norte

March 2013 to present

## EDUCATION

- PhD, Applied Economics, Universidad Católica del Norte, 2019
- MsC, Regional Science, Universidad Católica del Norte, 2015
- Bs, Ingeniería Comercial, Universidad de Los Lagos, 2013

## TEACHING AND MENTORING EXPERIENCE

- 2018-2020 - Microeconomics I and II, Econometric, Applied Research, Research Methodology
- 2014-2017 - Statistics I and II. Research Methodology

## TRAINING, GRANTS AND AWARDS

- 2022 High-impact research award, VRID Udec: Initiation in Research and Publication Impact.
- 2022 Best Paper Award by a young regional scientist, Pacific Regional Science Conference Organization (PRSCO), Kyoto.
- 2022-2023 Efd Early-Career-Fellowship (ECF).
- 2019- Fondo VRID (Grant fund)- ASISTENCIA EVENTOS. Vicerrectoría de Investigación y Desarrollo, Universidad de Concepción.
- 2018- Fondo Concursable de Asistencia a Congresos (FCAC) (Grant fund). Dirección de Postgrado, Universidad Católica del Norte.
- 2017- Research Internship at Núcleo de Economía Regional e Urbana (NEREUS), Departamento de Economía, Universidad de São Paulo (USP), Brasil. Proyecto REDES 2015 financiado por Conicyt.
- 2015- Prize for Best Master's Thesis at: Tesis de Interés para el Desarrollo Regional. Agrupación de Universidades Regionales de Chile (AUR), Universidad de Magallanes, Chile.

## PROJECTS

- 2023-2024 Efd MS1472: The Impact of Carbon Trading Schemes on mangrove Forest Ecosystem Services and Household Welfare, Collaborator.
- 2022-2023 Efd MS1171-1: All that glitters is not gold? Approaching the sub-national and spatial impact of a gold rush and policy changes, Collaborator.
- 2021-2024 SETI: Sustainable Energy Transitions Initiative (SETI Efd-Chile), Deputy Director.
- 2021-2022 ANID FOVI210017: Transiciones Energéticas Sustentables: Aprendiendo Desde La Experiencia En El Contexto Norte-sur Global, Collaborator.

## PUBLICATIONS

- Oyarzo, M., Paredes, D. (2022). Shocks derived from mining windfalls and horizontal transfers: Exploring the permanent income hypothesis in Chilean municipalities from a spatial competition approach. *Socio-Economic Planning Sciences*. DOI: <https://doi.org/10.1016/j.seps.2022.101468>.
- Oyarzo, M., Paredes, D. (2021). The subnational crowding out effect of mining windfalls on local tax effort: Does the level of local provision of public goods matter?. *The Extractive Industries and Society*. DOI: <https://doi.org/10.1016/j.exis.2021.100993>.
- Oyarzo, M., Paredes, D. (2021). The impact of mining taxes on public education: Evidence for mining municipalities in Chile. *Resources Policy*. DOI: <https://doi.org/10.1016/j.resourpol.2018.05.018>.
- Rodrigo, L. M., Oyarzo, M. (2021). Social Mobility in Chilean Youth and Their Parents: A Generational Analysis from the Perspective of Social Reproduction. *Latin American Perspective*. DOI: <https://doi.org/10.1177/0094582X20939103>.

- Oyarzo, M., Romani, G., Atienza, M., Lufin, M. (2020). Spatio-temporal dynamics in municipal rates of business start-ups in Chile. *Entrepreneurship and Regional Development*. DOI: <https://doi.org/10.1080/08985626.2020.1743769>.
- Fuentes, R., Soto, A., Paredes, D., Oyarzo, M., and Veloso, V. (2020). Intellectual property in Latin America: the impact of innovation subsidies on Chilean firms. *International Journal of Intellectual Property Management*. DOI: <https://doi.org/10.1504/IJIPM.2020.10031137>.
- Pérez, M., Oyarzo, M., Paredes, D. (2020). Long-distance commuting and the effect of differentiated salary expectations in the commuters' place of living on the wage obtained in the place of working. *The Annals of Regional Science*. DOI: <https://doi.org/10.1007/s00168-020-00991-7>
- Oyarzo, M., Paredes, D. (2019). Revisiting the link between resource windfalls and subnational crowding out for local mining economies in Chile. *Resources Policy*, 64, 101523. DOI: <https://doi.org/10.1016/j.resourpol.2019.101523>.
- Oyarzo, M., Ferrada, L. (2015). Evaluación de políticas públicas de empleo en la Región de los Lagos de Chile. *Revista chilena de Economía y Sociedad* 9, pp. 12-28, Universidad Tecnológica Metropolitana. [https://sitios.vtte.utem.cl/rches/wp-content/uploads/sites/8/2017/12/revista\\_CHES\\_Vo19-n1\\_junio\\_2015.pdf#page=12](https://sitios.vtte.utem.cl/rches/wp-content/uploads/sites/8/2017/12/revista_CHES_Vo19-n1_junio_2015.pdf#page=12).

## MANUSCRIPTS AND WP

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- "Exploring the impact of employment policies on wages and employability in Chilean local labor market" with Luz María Ferrada. Under Review in *Evaluation and Program Planning*.
- "Spatio-temporal inefficiency analysis over the provision of local public goods, the case of education and well-being in Chilean mining municipalities" with Cristóbal Vásquez.
- "Energy-efficient LED street lighting in Chilean municipalities" with Dusan Paredes.
- "How the distribution of mining windfall mechanisms shapes the spatial economy of extractive countries?" with Dusan Paredes.

## REFEREED JOURNALS

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- Resources Policy.
- Regional Science, Policy Practice.
- Natural Hazards.
- Entrepreneurship and Regional Development
- Academia Revista Latinoamericana en Administración.

## CONFERENCES AND WORKSHOPS

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- "Shocks derived from mining windfalls and horizontal transfers: Exploring the permanent-income hypothesis in Chilean municipalities from a spatial competition approach". 14th Encuentro Sociedad Chilena de Políticas Públicas 2022, Chile.
- "How the distribution of mining windfall mechanisms shapes the spatial economy of extractive countries?"- XII Encuentro Anual Sociedad Chilena de Estudios Regionales SOCHER 2022, Chile.
- "How the distribution of mining windfall mechanisms shapes the spatial economy of extractive countries?"- 16th Efd Annual Meeting 2022, Uganda.
- "How the distribution of mining windfall mechanisms shapes the spatial economy of extractive countries?"- 8vo Encuentro Anual de NENRE Efd Chile 2022, Chile.
- "Energy-efficient LED street lighting in Chilean municipalities"- SETI 2022 Annual Workshop - Virtual Sessions.
- "Shocks derived from mining windfalls and horizontal transfers: Exploring the permanent-income hypothesis in Chilean municipalities from a spatial competition approach". 15th Efd Annual Meeting 2021.
- "Shocks derived from mining windfalls and horizontal transfers: Exploring the permanent-income hypothesis in Chilean municipalities from a spatial competition approach". XI Encuentro Anual Sociedad Chilena de Estudios Regionales SOCHER 2021.
- "Shocks derived from mining windfalls and horizontal transfers: Exploring the permanent-income hypothesis in Chilean municipalities from a spatial competition approach". 7mo Encuentro Anual de NENRE Efd Chile 2021.
- "Subnational crowding out and mining municipalities: Does the level of local provision of public goods matter?". 60th ERSA Congress 2021.
- "Subnational crowding out and mining municipalities: Does the level of local provision of public goods matter?". 13th World Congress of RAI 2021.
- "Subnational crowding out and mining municipalities: Does the level of local provision of public goods matter?". 14th Efd Annual Meeting 2020.
- "Subnational crowding out and mining municipalities: Does the level of local provision of public goods matter?". 67th Annual North American Meetings of the Regional Science Association International (NARSI) 2020.
- "Revisiting the link between resource windfalls and Fiscal Lazy Collection for local mining economies in Chile". 59th ERSA Congress held from the 27 August until the 30 August 2019 at the University of Lyon, France.
- "The impact of mining taxes on public education: Evidence for mining municipalities in Chile". X SOCHER- II LACRSA 2018, Departamento de Economía, Universidad Católica del Norte, San Pedro de Atacama, Chile.
- "Revisiting the link between resource windfalls and Fiscal Lazy Collection for local mining economies in Chile". X SOCHER- II LACRSA 2018, Departamento de Economía, Universidad Católica del Norte, San Pedro de Atacama, Chile.
- "The impact of mining taxes on public education: Evidence for mining municipalities in Chile". 15th PRSCO Summer Institute, Departamento de Economía, Pontificia Universidad Católica del Perú, Lima, Perú.
- "The impact of mining taxes on public education: Evidence for mining municipalities in Chile". XV ENABER- I LACRSA 2017, Faculdade de Economia, Administração e Contabilidade da Universidade de São Paulo (FEA-USP), Brasil.
- "The impact of mining taxes on public education: Evidence for mining municipalities in Chile". SOCHER 2017, Chillán, Chile.
- "Spatio-temporal persistence of municipal rates of business start-ups in Chile". SOCHER 2015, Viña del Mar, Chile.

- Evaluación de políticas de empleo en Chile”, SOCHER 2015, Viña del Mar, Chile.
- “Persistencia espacio-temporal en niveles de start-up comunales: el caso de Chile”, SOCHER 2014, Frutillar, Chile.
- “Variabilidad espacial del ingreso comunal en Chile” en el marco de actividades del núcleo de Investigación Economía Regional, Universidad de Los Lagos, enero 2014, Osorno, Chile.
- Workshop conducted “Análise de dados espaciais e Espaço-temporais no GeoDa”, en XV ENABER, I LACRSA. Faculdade de Economia, Administração e Contabilidade da Universidade de São Paulo (FEA-USP), Brasil.
- Workshop conducted “Análisis de datos espaciales y espacio-temporales en GeoDa”, Escuela de Administración y Negocios, Universidad de Concepción sede Chillán, Chile.
- Workshop conducted “Uso de GeoDa”, Escuela de Ciencias Empresariales, Universidad Católica del Norte sede Coquimbo, Chile.
- Workshop conducted “Introducción y uso de R-Project”, en el marco de actividades del núcleo de Investigación Economía Regional, Universidad de Los Lagos, enero 2017, Osorno, Chile.
- Workshop conducted “Uso de GeoDa”, SOCHER 2014, Puerto Montt, Chile.
- Workshop conducted “Introducción a la Econometría Espacial y uso de GeoDa”, en el marco de actividades del núcleo de Investigación Economía Regional, Universidad de Los Lagos, agosto 2014, Osorno, Chile.