

# SEBASTIÁN ANDRÉS BAEZA GONZÁLEZ

*Concepción, Región del Bío Bío, Chile.*

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## EDUCATION

September 2016 – April 2020	<b>THE UNIVERSITY OF MANCHESTER</b> PhD. In Human Geography Title: Playing Games with the South? Video Games Development in Chile. Advisors: Martin Hess (The University of Manchester) and Saskia Warren (The University of Manchester). Committee: Rory Horner (The University of Manchester), Yang Chun (Hong Kong Baptist University).	Manchester, UK
March 2012 – September 2013	<b>HEIDELBERG UNIVERSITY</b> MSc. In Governance of Risks and Resources. Title: Global Production Networks and their impacts on the pulp and forestry industry in the Chilean Japanese relation. Advisors: Johannes Rehner, Michael Handke.	Santiago, Chile
March 2007 – July 2012	<b>PONTIFICAL CATHOLIC UNIVERSITY OF CHILE FACULTY OF HISTORY, GEOGRAPHY AND POLITICAL SCIENCE</b> Geography.	Santiago, Chile

## JOB EXPERIENCE

March 2024 –	<b>GEOGRAPHY DEPARTMENT – CONCEPCIÓN UNIVERSITY</b> Associate Professor	
March 2023 – March 2024	<b>GEOGRAPHY DEPARTMENT – CONCEPCIÓN UNIVERSITY</b> Assistant Professor	
October 2022 – February 2023	<b>GRADUATE SCHOOL OF ARTS AND SCIENCES – THE UNIVERSITY OF TOKYO</b> Project researcher at the project “Evolutionary Economic Geography on spatial-temporal characteristics of innovation systems.”  Analysis of regional innovation performance and regional development of Japanese prefectures. Spatial statistics and article planning.	
May 2020 – April 2022	<b>INSTITUTE OF GEOGRAPHY – PONTIFICAL CATHOLIC UNIVERSITY OF CHILE</b> Postdoctoral Fellow project “Responsible innovation in the Norwegian salmon farming industry: Grand Societal Challenges, Dilemmas and Improvements.”  Comparative analysis of innovation processes in the Chilean and Norwegian salmon industry. Joint project with the University of Stavanger (Norway), Western Norway University (Norway) and Pontifical Catholic University of Chile (Chile).	
September 2015 – September 2016	<b>CENTRE FOR URBAN SUSTAINABLE DEVELOPMENT (CEDEUS) – PONTIFICAL CATHOLIC UNIVERSITY OF CHILE</b> Research Assistant – Planning and policy research cluster.	

October 2015 – September 2016	–	<b>NORTH CATHOLIC UNIVERSITY – INSTITUTE OF PUBLIC POLICY</b> Research Assistant project “Building a Territorial Innovation System for Antofagasta Region”. Database management.
October 2013 – October 2015	–	<b>NORTH CATHOLIC UNIVERSITY – INSTITUTE OF PUBLIC POLICY</b> Research Assistant project “Recommendations and actions for the promotion and diffusion of the use of non-conventional energy and the diversification of water resources in Antofagasta Region”. Database management.
March 2012 – March 2014	–	<b>ANID – INSTITUTE OF GEOGRAPHY, PONTIFICAL CATHOLIC UNIVERSITY OF CHILE</b> Research Assistant project FONDECYT N° 1120660 “Structures and trends in trade relations with Asia and its spatial effects in Chilean regions”. Database management. Indicators and statistical analysis.
October 2012 – September 2013	–	<b>NORTH CATHOLIC UNIVERSITY – INSTITUTE OF PUBLIC POLICY</b> Research Assistant project FIC N° 30126480 “Regional Observatory for Sustainable Development, Antofagasta Region.” Database management. Calculation of Sustainability Indicators.
January 2012 – March 2012	–	<b>UN-ECLAC – HUMAN SETTLEMENTS AND SUSTAINABLE DEVELOPMENT DIVISION</b> Internship. Analysis of Green Economy Policies in Latin American Cities.
2011-2012		<b>UN-ECLAC – HUMAN SETTLEMENTS AND SUSTAINABLE DEVELOPMENT DIVISION / IEU-UC – IDUS – ITAS – UFZ</b> Assistant “ClimateAdaptationSantiago” (CAS PROJECT). Statistical analysis and database management.
December 2010 – March 2011	–	<b>GEOGRAFIA PROYECTOS UC – INSTITUTE OF GEOGRAPHY PONTIFICAL CATHOLIC UNIVERSITY OF CHILE</b> Project “Urban Bicycle Lanes in Santiago”. Database management – GIS Database. Cadasters coordinator.
2008 – 2010		<b>UN-ECLAC– HELMHOLTZ ASSOCIATION – GTZ INSTITUTE</b> Assistant “Regional Panorama Latin America. Megacities and Sustainability”. Database management. Statistical analysis.

## RESEARCH GRANTS

2025	<b>National Research Grant Holder 2025 (Principal Researcher - 3 year) - FONDECYT Iniciación 2025 (106,000 \$USD) (N11250969).</b> The project titled “The geography of transformative innovations in Chilean salmon aquaculture: Analyzing the global periphery innovation potential to face grand societal challenges” seeks to inform public policy design for promoting transformative innovations in Chilean salmon aquaculture. The project was selected in the first position among 52 applications in Geography and Urbanism. Selection rate: 23.1%.
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## PUBLICATIONS

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### BOOKS

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- 2015 Rehner, J. Baeza, S. Barton, J. (2015). A hombros de gigantes. Una geografía económica del comercio Chile-Asia. Geolibros. / English: *On giant's shoulders: An Economic Geography of Chile-Asia trade*.
- 2014 Baeza, S., Barton, J., Campero, C., León, S., Rodríguez, C., Solís, O. (2014) ¿Cuán Sustentable es la Región de Antofagasta? Indicadores y Tendencias para un desarrollo Regional Sustentable. Universidad Católica del Norte. English: *How sustainable is the Antofagasta Region? Indicators and trends for regional sustainable development*.

### BOOK CHAPTERS

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- 2024 Von Brand, S., Baeza, S. & Zagal, J. (2024) Estrategias e impactos en la colaboración público-privada: videojuegos en Chile 2010-2022. In Video Juegos en Iberoamérica. Universidad Autónoma de Barcelona. English: *Strategies and impact of public-private collaboration: video games in Chile 2010-2022*.
- 2024 Baeza, S. & Von Brand, S. (2024) Chile. From the dependence on natural resources to the periphery of games production (in Spanish). In Ramírez & Navarrete, Video Games in the Periphery. Cultural Practices from the margins of digital leisure. University of Sevilla, Spain.
- 2020 Rehner, J. & Baeza, S. (2020). Innovación e investigación científica en Chile. In Borsdof, A et al. Chile Cambiando. Revisitando la Geografía Regional de Wolfgang Weischet. Serie Geo Libros. Santiago de Chile. English: *Innovation and scientific research in Chile*.
- 2016 Campero, C., Barton, J., Baeza, S. (2016) El despertar social frente a la “maldición institucional” en Cisneros, P (ed.), Sociedad Civil y Política Minera en América Latina. Ecuador: FLACSO. English: *Social awakening facing “institutional curse.”*

### PEER REVIEW ARTICLES

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- 2026 **Baeza-González, S.**, Kamakura, N., 2026. Concentration and co-localization dynamics of technological innovation: The Japanese case. Applied Geography 186, 103819. <https://doi.org/10.1016/j.apgeog.2025.103819>
- 2025 **Baeza-González, S.**, Kamakura, N., (2025). A methodological framework for tracing cluster life cycles: emerging hot spot analysis in evolutionary economic geography. Evolutionary and Institutional Economics Review. <https://doi.org/10.1007/s40844-025-00314-5>
- 2025 Ortiz, A. M. D., **Baeza-González, S.**, Jensen, M., Huaico-Malhue, A., Lavín-Oviedo, U., Celis-Diez, J. L. (2025) Telecoupled social-ecological systems: The case of avocado in Chile. Global Sustainability. <https://doi.org/10.1017/sus.2025.10011>
- 2024 Zenteno Hopp, J., **Baeza-González, S.** & Sjøtun, S.G.(2024) ‘Identifying multiple configurations in global innovation system (GIS): lessons from the salmon farming industry.’ European Planning Studies 33(2), 226-244 . <https://doi.org/10.1080/09654313.2024.2424904>
- 2023 **Baeza-González S** & Kamakura, N. (2023) Constraints and opportunities in mapping Japanese patent information. Komaba Studies in Human Geography, 24.
- 2023 Barton JR, **Baeza-González S**, Hopp JZ, et al. (2023) Neostructural innovation and directionality in Chilean salmon aquaculture. Marine Policy 150: 105518. DOI: 10.1016/j.marpol.2023.105518.
- 2023 Barton JR, **Baeza-González S.**, Román Á (2023) Unravelling sustainable salmon aquaculture: an historical political ecology of a business responsibility discourse, 1970–2020. Maritime Studies 22(10).
- 2021 **Baeza-González, S.** (2021). Video games development in the periphery: cultural dependency? Geografiska Annaler: Series B, Human Geography 103 (1), 39–54. <https://doi.org/10.1080/04353684.2021.1894077>

- 2021 **Baeza-González, S.** (2021). Techno-dependencies in video games production: A Chilean case study. *Geoforum*, 121, 115–128. <https://doi.org/10.1016/j.geoforum.2021.02.008>
- 2014 Rehner, J., **Baeza, S.**, Barton, J. R. (2014). Chile's resource-based export boom and its outcomes: Regional specialization, export stability, and economic growth. *Geoforum*, 56, 35–45.

#### WORKING PAPERS

- 2017 Baeza, S. (2017) Industrias creativas en Japón: ¿Genera su aglomeración mayor valor agregado?. Documento de Trabajo en Estudios Asiáticos n°18, Serie Urbanización y Migración. Available at <http://estudiosasiaticos.uc.cl/>. English: *Creative industries in Japan. Does agglomeration add value?*.
- 2011 Baeza, S., Rehner, J. (2011): Vulnerabilidad Sanitaria y Contaminación del Agua en Manila/Filipinas. Documento de Trabajo en Estudios Asiáticos n°7, Serie Urbanización y Migración. Available at: [http://www.uc.cl/icp/webcp/estudiosasiaticos/papers/doc\\_7.pdf](http://www.uc.cl/icp/webcp/estudiosasiaticos/papers/doc_7.pdf). English: *Health vulnerability and water pollution in Manila, Philippines*.

#### CONFERENCE ARTICLES

- 2019 Baeza, S. (2019) Video Games Production Networks in the periphery: the Chilean case. Proceedings of the 2019 DiGRA International Conference: Game, Play, and the Emerging Ludo-Mix. Available at: <http://www.digra.org/digital-library/publications/video-games-production-networks-in-the-periphery-the-chilean-case/>
- 2014 Baeza, S., Rehner, J. (2014). Dinámica y estructura de la relación comercial Chile-Japón en el mercado de la celulosa y de producción de papel. *Anales de la Sociedad Chilena de Ciencias Geográficas*. English: *Dynamics and structure of Chilean-Japanese trade in Pulp and Paper industries*.
- 2013 Rehner, J., Baeza, S., Barton, J. (2014): Las dos caras de la moneda de cobre. Dinámica y especialización de la matriz exportadora de las regiones chilenas. *Anales de la Sociedad Chilena de Ciencias Geográficas*. English: *The two sides of the cooper coin: Dynamics and specialization exports of Chilean regions*.

#### PEER REVIEW ARTICLES - UNDER REVIEW

- Submitted 2026 Baeza-González, S. Kogler, D. Technology in global peripheral settings; Multinational corporations and the flow of knowledge. *Area Development and Policy*.
- Submitted 2025 Kamakura, N., Kojiro, S., Baeza-González, S. Vanishing Populations, Contested Futures: Regional Imagination and Policy Convergence in Japan's Aging Society. *Cambridge Journal of Regions, Economies and Society*.
- Submitted 2025 Baeza-González, S., Kamakura, N. Revisiting the Periphery Concept in the Geographies of Innovation and its Applicability to Technological Trajectories in "Green Transformation" Technologies. *Journal of Economic Geography*.
- Submitted 2025 Baeza-González S., Barton JR., Román Á. Uneven Geographies of Technological Change in Chilean Salmon Aquaculture. *Geografiska Annaler: Series B, Human Geography*.

## CONFERENCES

2026	<b>THE GEOGRAPHY OF INNOVATION CONFERENCE - GEOINNO</b>	Budapest, Hungary
	Main author	
	Title: Unveiling the network core and periphery structures of technological development in salmon aquaculture	
2025	<b>GLOBAL CONFERENCE ON ECONOMIC GEOGRAPHY</b>	Worcester, USA
	Main author	
	Title: Does the periphery matter across technological trajectories? Examining different technologies in the Japanese case.	
2025	<b>GLOBAL CONFERENCE ON ECONOMIC GEOGRAPHY</b>	Worcester, USA
	Main author	
	Title: Engaged pluralism with diversity for the future of economic geography. Panel - Economic Geography at 100: Imagining EG futures, the next century.	
2025	<b>JAPAN ASSOCIATION OF ECONOMIC GEOGRAPHERS BRANCH MEETING</b>	Tokyo, Japan
	Main author	
	Title: Technological trajectories in core and periphery settings: comparing knowledge bases.	
2024	<b>ASSOCIATION OF AMERICAN GEOGRAPHERS – ANNUAL MEETING 2024</b>	Honolulu, USA
	Main author	
	Title: Unequal geographies of technological change: the structural and relational dimensions of specialization in Chilean salmon farming.	
2022	<b>CHILEAN SOCIETY OF REGIONAL STUDIES – SOCHER 2022</b>	Antofagasta, Chile
	Co-author	
	Title: Putting the State back in: Neostructural innovation in the Chilean salmon industry.	
2019	<b>DIGITAL GAMES RESEARCH ASSOCIATION CONFERENCE 2019</b>	Kyoto, Japan
	Main author	
	Title: Video Games Production in the periphery: the Chilean case.	
2019	<b>ASSOCIATION OF AMERICAN GEOGRAPHERS – ANNUAL MEETING 2019</b>	Washington DC, USA
	Main author	
	Title: Affective Labour and the business of making games: video games development in the periphery.	
2018	<b>GLOBAL CONFERENCE ON ECONOMIC GEOGRAPHY</b>	Cologne, Germany
	Main author	
	Title: Playing with the south: dependency in the video games software development in Chile.	

2017	<b>RGS-IBG ANNUAL INTERNATIONAL CONFERENCE 2017</b> Main author Title: Gaming with the south? Cultural economy and the global production networks of videogames in Chile.	London, UK
2015	<b>XXXVI NATIONAL CONGRESS AND XXI INTERNATIONAL CONGRESS OF GEOGRAPHY</b> Main author Title: The forestry complex in Araucania region and its relation with the urban economy – a lecture on sustainable development.	Santiago, Chile
2014	<b>CHILE-JAPAN ACADEMIC FORUM 2014 AT THE UNIVERSITY OF TOKYO</b> Main author Title: The impact of woodchips: corporate territories and the benefits of trade between Chile and Japan in the forestry sector.	Tokyo, Japan
2014	<b>CHILE-JAPAN ACADEMIC FORUM 2014 AT THE UNIVERSITY OF TOKYO</b> Main author Title: The urban and regional challenges of mining in the world's driest desert: the Antofagasta case.	Tokyo, Japan
2013	<b>50 NATIONAL CONGRESS OF JAPANESE SOCIETY OF LATIN AMERICA SOCIAL SCIENCE</b> Main author Title: The Chilean wood, paper, and pulp industry – structures and linkages to Japan and global markets.	Tokyo, Japan
2013	<b>XXXIV NATIONAL CONGRESS AND XIX INTERNATIONAL CONGRESS OF GEOGRAPHY</b> Main author Title: The effect of foreign trade with China PR in the domestic employment of Chilean regions. Analysis 1990-2010 and scenarios.	Chillán, Chile
2013	<b>XXXIV NATIONAL CONGRESS AND XIX INTERNATIONAL CONGRESS OF GEOGRAPHY</b> Main author Title: Dynamics and structure of Chile-Japan pulp and paper production: A regional approach.	Chillán, Chile
2013	<b>COLLOQUIUM IN GOVERNANCE OF RISKS AND RESOURCES</b> Main author Title: The impact of woodchips: unequal trade relationship with Japan in Southern Chile.	Santiago, Chile
2013	<b>ASSOCIATION OF AMERICAN GEOGRAPHERS – ANNUAL MEETING 2013</b> Second author Title: Resource-based economies and booming Asia: regional impacts in export-driven Chile.	Los Angeles, USA

2012	<b>XXXIII NATIONAL CONGRESS AND XVIII INTERNATIONAL CONGRESS OF GEOGRAPHY</b>	Arica, Chile
	Main author	
	Title: The two sides of the copper coin: Dynamics and specialization exports of Chilean regions.	
2011	<b>XI GEOGRAPHY STUDENTS MEETING</b>	Santiago, Chile
	Main author	
	Title: Analysis of health vulnerability in Manila, Philippines and its relation to pollution levels in the river Pasig	
2011	<b>II ASIAN AND AFRICAN STUDIES MEETING</b>	Santiago, Chile
	Main author	
	Title: Water pollution and health vulnerability in Manila, Philippines; Challenges studying metropolitan areas in Asia.	

## AWARDS AND HONORS

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### AWARDS

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2016 **ANID PROGRAMME FOR ADVANCE HUMAN CAPITAL – CHILEAN GOVERNMENT**  
Doctoral sponsorship.

### HONORS

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2013 **PONTIFICAL CATHOLIC UNIVERSITY OF CHILE**  
Juan Mackenna Award.

2012 **INSTITUTE OF GEOGRAPHY, PONTIFICAL CATHOLIC UNIVERSITY OF CHILE**  
Academic Excellence Award 2012. First place in the 2012 ranking.

2011 **INSTITUTE OF GEOGRAPHY, PONTIFICAL CATHOLIC UNIVERSITY OF CHILE**  
Academic Excellence Award 2011. First place in the 2011 ranking.

2009 **INSTITUTE OF GEOGRAPHY, PONTIFICAL CATHOLIC UNIVERSITY OF CHILE**  
Academic Excellence Award 2009. First place in the 2009 ranking.

## OTHER ACTIVITIES

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### PARTICIPATION IN OTHER EVENTS

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2024 **SUMMER INSTITUTE OF ECONOMIC GEOGRAPHY (NATIONAL UNIVERSITY OF SINGAPORE)**  
The Summer Institute in Economic Geography represents a unique approach to advanced training, mentoring, and professional development for early-career researchers entering the field of economic geography, broadly defined, oriented to the highest standards of international practice. Thirty candidates were selected among three hundred applications. <https://www.econgeog.net/alumni>

### ADMINISTRATIVE DUTIES

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2014 – Editorial board member in Atenea. Humanities and interdisciplinary social sciences journal indexed in Web of Science and SCOPUS <https://revistas.udec.cl/index.php/atenea/about/editorialTeam>

2023 – 2024 Faculty's Head of Research and International Affairs. Research promotion within the faculty, grant application support (workshops), and publication support. Overseeing international agreements between the faculty and foreign universities. International students' support in the faculty. Representative of the faculty on the university's Research Vice Chancellor's committee.

### PROFESSIONAL CONSULTANCY

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2024 “Scoping research on invention patents and innovations by National Oil Companies”. 2024. Consultancy for Natural Resources Governance Institute (US). Reporting on the global state of patenting activity by National Oil Companies.

2023 “Innovation in collaboration management for territorial resilience”. 2023. Consultancy to the Santiago Metropolitan Regional Government (Chile). Reporting on spatial indicators and mapping spatial inequalities in the Santiago metropolitan area.



## REFERENCES

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### **Natsuki Kamakura**

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### **Martin Hess**

Professor, The University of Manchester

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## ADDITIONAL INFORMATION

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Nationality: Chile

Birthdate: 28<sup>th</sup> of March, 1989

Languages: Spanish (Native), English (Advanced) and Japanese (Beginner).

Software: MS Office, R language (Advanced in spatial analysis), Python (Beginner).