

MILLENNIUM INSTITUTE FOR RESEARCH IN MARKET IMPERFECTIONS AND PUBLIC POLICY, **MIPP**

Impact Area: Natural sciences, biological sciences and political sciences.
Speciality: Antarctic and subantarctic biodiversity, Antarctic law.

The Millennium Biodiversity Institute of Antarctic and Subantarctic Ecosystems (BASE) investigates the past, present and future of Antarctic and subantarctic biodiversity: the fate of a unique biota, in a changing world that has been dramatically affected by climate change. At the same time, we seek to ensure that the knowledge generated is used in decision-making and/or development of public policies.

Currently, ecosystems register multiple anthropogenic pressures, making it difficult to distinguish the effect of climate change on biodiversity from other factors such as habitat loss and degradation, pollution and overexploitation. In this context, the Millennium BASE Institute proposes to identify the effects of past climate changes on the evolution and biogeography of the ASA regions, along with projecting the future of this biodiversity, evaluating potential changes in distribution and risks of extinction of species. natives, as well as the establishment of exotic species.

The Millennium Institute BASE has a wide network of national and international collaborators, who carry out research in Antarctic and sub-Antarctic territory. These links allow a unique opportunity to consolidate and develop Chile's leadership in scientific matters related to ASA regions, seeking to contribute to the understanding and contextualization of the effects of climate change on biodiversity. The values are scientific collaboration, the decentralization of knowledge, excellent research, the training of young researchers, gender equality, and Science Communication.

Research lines:

- Origin.
- Past.
- Present.
- Answers.
- Future.
- Observatory.
- Conservation.
- Governance.

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>> SCIENTIFIC PRODUCTIVITY:

ISI-WOS:153

Scielo: 3

Scopus: 8

Books or chapters: 9

Other publications: 2



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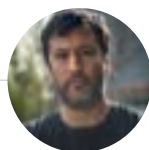
>> CONTACT:

Director:
Juan Escobar

Deputy Director:
Alejandro Corvalán

Contact emails:
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>> OUTREACH ACTIVITIES:

- Bootcamp for Girls and Adolescents in Economics and Finance, an activity aimed at female high school students.
- Gender, Economics and Public Policy Research Fund, aimed at undergraduate and graduate students.
- Distance learning course on Financial and Economic Education The City of Opportunities developed in collaboration with the Central Bank of Chile. www.cursoadistancia.cl
- Scientific Dissemination Platform on Economics and Public Policies "Miradas MIPP". www.mipp.cl/miradas
- Economi-Que? book series, on economic and financial education: Microeconomy-Que? and Macroeconomy-Que? www.economi-que.cl
- Gazette Magazine: "Economy and Public Policies for a better society" www.mipp.cl/es/gazette/

>> RESEARCHERS:

Associate Researchers:

Damian Clarke, Alejandro Corvalán, Juan Escobar, Marcela Valenzuela, Patricio Valenzuela.

Assistant Researchers:

José Correa, Rahmi Ilkilic, Dany Jaimovich, Adriana Piazza, Daniel Schwartz, Benjamín Villena.

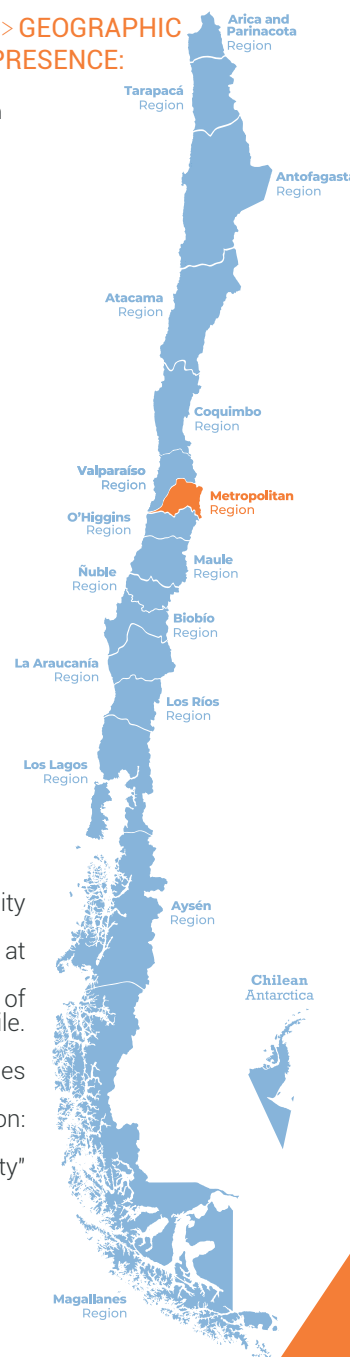
Senior Researchers:

Felipe Balmaceda, Ronald Fischer.

Junior Researchers:

Andrea Canales, Sofía Correa, Marcel Goic, Pamela Jervis, Pablo Muñoz, Raimundo Undurraga.

>> GEOGRAPHIC PRESENCE:



>> MAIN ACHIEVEMENTS:

- Estimation of fines and compensation in cases of collusion (CMPC case).
- Estimation of costs and benefits of vertical integration in the ISAPRES market, with the ISAPRES Superintendency.
- Advice to the Free Competition Court.
- Design of the new School Admission System together with the Ministry of Education.
- Creation and execution of the first database of the Mapuche- MACEDA conflict.
- Development of the bases for the 5G band Tender, in conjunction with the Undersecretary of Telecommunications - SUBTEL.
- Gender Discrimination in the Consumer Credit Market, in conjunction with the CMF Financial Market Commission and the Latin American Development Bank – CAF.
- Employment Exchange Analysis System (SABE) SENCE with the Ministry of Labor.
- Book Constitutional Trends: Comparative Experience, Lessons for Chile, published in March 2021 by LOM publishing house.