



Area of Impact: **Society**

Specialty: **Economics, Public Policies**

The central objective of the Millennium Nucleus Center of Research in Environmental and Natural Resource Economics is to strengthen the collaborative work of the investigators that compose it, and encourage the training of new researchers through the Masters Program in Economics of Natural Resources and the Environment.

The Millennium Nucleus Center of Research in Environmental and Natural Resource Economics develops theoretical and applied scientific exploration in the area of public policies associated with environmental regulation and natural resources management. The center's main areas of study are:

- Design of Environmental Protection Policies: focused on regulations intended to reduce pollution, including the creation of intervention tools, the launch of monitoring activities and inspection to induce compliance, among other aspects.
- Marine Resource Economics: includes fishing and aquiculture, and concentrates on the use of property rights as a regulation tool that allows the achievement of diverse objectives concerning fisheries management.
- Climate Change and Ecosystem Services: it studies the impact of climate change, and the assessment of ecosystem services.

Beginning in 2013, Research in Environmental and Natural Resource Economics is a member of the Network of Centers that conform the Environment for Development (EFD) initiative. The Millennium Nucleus Center is mainly housed at the Economics Department of the Concepción University.



MAIN ACHIEVEMENTS

- 30 articles published, almost all of them in periodic journals indexed ISI.
- Acceptance as a full member of the international research network Environment for Development (EFD) (<http://www.efdinitiative.org>).
- Organizers and hosts of four international workshops in Environmental and Natural Resource Economics in Chile with the active participation of renowned national and international researchers, policy makers of the Ministry of Environment, the Undersecretary of the Fishery Industry, the Fisheries Research Institute and NGOs.
- Preparation of studies and consulting services for the design of the National Replacement of Stoves Program of the Ministry of the Environment, one of the public policies that are being implemented in Chile to fight air pollution in urban areas.
- Preparation of promotional material for the CICAT Science Museum in the Biobío Region, where students from primary and secondary school learn the fundamentals of fishing regulation and the need for sustainable management of natural resources.

DIRECTOR: **Carlos Chávez**

ACTING DIRECTOR: **Walter Gómez**



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NÚCLEO MILENIO  
**Economía  
Ambiental y de  
Recursos Naturales**

CONTACT INFORMATION

## RESEARCHERS

**Principal Resercher:**  
Carlos Chávez Rebolledo

**Junior Researchers:**  
Mónica Jaime Torres

**Acting Principal Researcher:**  
Walter Gómez Bofill

**Senior Researchers:**  
John K. Stranlund  
Thomas Sterner

**Assistant Researchers:**  
Jorge Dresdner Cid  
Felipe Vásquez Lavín

**Associate Researchers:**  
Miguel Quiroga Suazo  
Hugo Salgado Cabrera

## RESEARCH TOPICS

- Environmental Economics.
- Economics of the Fishery Industry and Aquiculture.
- Climate Change and Eco Systemic Services.

## NOTED OUTREACH ACTIVITIES

- **Visits and talks at primary and secondary schools** under the Program 1000 Scientists 1000 Classrooms of Explora.
- **Training course for policy makers in fisheries, environmental, forest and water areas and research workshop in the field.**

 **PRODUCTIVITY PUBLICATIONS  
(BETWEEN 2014-2016)**  
ISI : 30

 **NÚCLEO MILENIO VIGENTE**  
From 2014 to 2017  
Formerly: Millennium Nucleus Center  
of Research of Environmental  
Economics and of Natural Resources  
2011-2014

The Millennium Nucleus Centers can be renewed  
after 3 years, reaching a maximum of 6 years.

 **PRESENCE**  
MAULE REGION  
BIOBÍO REGION  
LA ARAUCANÍA REGION  
LOS RÍOS REGION  
LOS LAGOS REGION  
AISEN REGION  
MAGALLANES REGION AND THE  
CHILEAN ANTARCTICA



**HOST INSTITUTIONS:**

