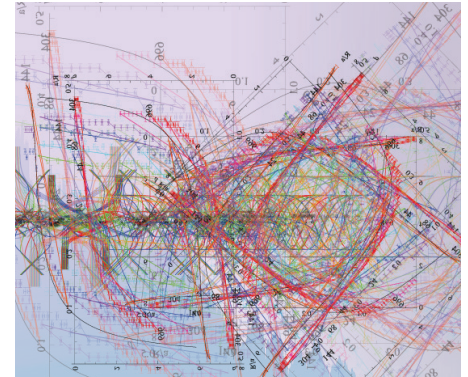




Area of Impact: Society
Specialty: Public Policies

During the last decade in Chile, the diagnosis of crisis has expanded to describe problems in various areas. There is talk about environmental, energetic, educational, financial, transportation and legitimation crises. Surely crises are something inherent in the complex and interconnected modern society. The question is how to anticipate and address them. The objective of the Millennium Nucleus Center is the identification and analysis of modes of production, management and prediction of crises under complex social conditions based on the Chilean case in the areas of education, finance and transportation. With this we seek to capture the universal behavior of the crisis, replicable in other areas inside and outside Chile.

In order to achieve this goal with success, we conduct our research with an interdisciplinary approach. We combine mathematical modeling, economic, socio-historic, philosophical-normative and statistical analysis to tackle a sociological problem. Research products are published in scientific journals and books, as well as in various electronic formats. Additionally, we take care in creating scientific exchange networks for related topics and strengthening ties not only with the technical circle, but also with actors affected by the processes of crisis.



MAIN ACHIEVEMENTS

- Creation of guidelines for a general theory of social crisis in complex societies.
- Production of mathematical models of social crises attuned to the expectations of social actors.
- Cluster analysis with historical data of the Chilean educational system.

CONTACT INFORMATION

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ACTING DIRECTOR: **Andrea Repetto**



Aldo Mascareño



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NÚCLEO MILENIO
Modelos de Crisis
UNIVERSIDAD ADOLFO IBÁÑEZ



RESEARCHERS

Principal Researcher:

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Diego Rossello

Daniel Chernilo

Camilo Drago

Junior Researchers:

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Benjamín Sánchez

Senior Researcher:

Eric Goles

 **PRODUCTIVITY PUBLICATIONS
(BETWEEN 2014-2016)**
ISI or similar: 9 | BOOKS OR BOOK
CHAPTERS: 3 | OTHER PUBLICATIONS: 3

 **ACTIVE MILLENNIUM NUCLEUS CENTER
From 2014 to 2017**

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

 **PRESENCE
METROPOLITANA REGION
VALPARAÍSO REGION
LA ARAUCANÍA REGION**

RESEARCH TOPICS

- **On the concept of crisis:** interdisciplinary research with emphasis on the analysis and development of classical and contemporary social theory. Its aim is to reveal how paradoxes, contradictions and conflicts resulting from social complexity rise and transfer social crises at various levels.
- **On empirical models of crisis:** interdisciplinary research with an emphasis on the combination of methods from social research and exact sciences. Its purpose is to reconstruct different models of social crises in various fields of application, identifying and empirically analyzing paradoxes, contradictions and conflicts that incubate social crises as well as trigger contagion processes.

NOTED OUTREACH ACTIVITIES

- **Interview series 'Crisis or change of political cycle' 2015:** Interviews with scholars, politicians and social actors on the topic of social crises in Chile, directed at the community interested in the analysis of these phenomena. These are available at <http://mileniocrisis.uai.cl/audio-y-video/page/2>.
- **Laboratory of Art and Crisis (LAC) 2016:** A place for encounter and discussion between artists and scientists whose objectives are: to generate a space for dialogue and creation around the concept of crisis bringing together audiences, guest visual artists and members of the Nucleus Center; an exhibition of the work made by the artists; and dissemination of the outcome of the exchange between audiences and artists through a book that will gather texts, dialogues and photographs of the resulting artistic creations.
- **Highlighted Outreach Activity/ties:** Models of Crisis Spring School (October 2015): formative activity (classes and discussion circles) aimed at graduate students and professionals interested in integrated and interdisciplinary comprehension of social crisis situations in Chile. The school reached the participation of 33 students, included presentations from 3 international guests and had the presence of 10 researchers from the Nucleus Center.



HOST INSTITUTIONS:

