



# CIGIDEN

National Research Center for Integrated Natural Disaster Management

**Call for Applications**  
**25<sup>th</sup> June - 30<sup>th</sup> July 2015**

**Postdoctoral Position**  
**Risk Analysis and Mitigation Integrative Research Area**

## **National Research Center for Integrated Natural Disaster Management – CIGIDEN**

The National Research Center for Integrated Natural Disaster Management (CIGIDEN [www.cigiden.cl](http://www.cigiden.cl)) is a multidisciplinary research center funded by CONICYT with research teams located in Santiago, Valparaíso, and Antofagasta. CIGIDEN brings together researchers from various fields (e.g., Sociology, Urban Studies, Urban Planning, Geography, Psychology, Engineering, and Geosciences) and is supported by the Pontificia Universidad Católica de Chile ([www.uc.cl](http://www.uc.cl)), the Universidad Católica del Norte ([www.ucn.cl](http://www.ucn.cl)), the Universidad Santa María ([www.usm.cl](http://www.usm.cl)), and the Universidad Nacional Andrés Bello ([www.unab.cl](http://www.unab.cl)).

CIGIDEN aims is to integrate, develop, and transfer knowledge that will enable Chile to better confront natural disasters, by improving the actions during all phases of the disaster cycle: preparedness, response, recovery, and mitigation. With this in mind, the objective of the Center is to substantially increase the capacity of the Chilean society to not only respond systematically and effectively to the occurrence of these events, but also to mitigate their impact while simultaneously building more resilient individuals and communities.

CIGIDEN is opening a postdoctoral position for a 1 to 2-year period, starting on September 2015. Successful candidates should have a background in Engineering, Geography, or Urban Planning, with demonstrated research experience in the field of natural disasters/extreme events (human-technological accidents, geo-hazards, extreme event disruptions, and/or ecological crises). The postdoctoral researcher is expected to participate and expand current research activities conducted within the Center. The candidate will collaborate closely with researchers from Research Lines 3 (Vulnerability and Risk Assessment of Physical and Social Systems) and Research Line 5 (Sustainable Risk Mitigation), and interact with researchers from geosciences and social sciences. We

expect successful candidates to lead research activities in: risk analysis, evaluation of risk reduction options against earthquakes and/or tsunami impact (evacuation plans, city planning, critical infrastructure, etc.).

**Required qualifications:**

The candidate must hold a PhD in an area related to Risk Analysis and Mitigation (Engineering, Urban Planning, Geography) with previous work and experience in the study of natural disaster's consequences and risk reduction demonstrated through publications in international indexed journals.

The candidate should be fluent in English.

**Minimum expected achievements to allocate a 2<sup>nd</sup> year postdoctoral funding from CIGIDEN:**

At the end of the first year, postdoctoral fellows should have submitted at least one paper to an indexed international journal, and a research proposal to the CONICYT Postdoctoral program (expected to be open in April-May 2016).

Successful applicants will reside be appointed in the Pontificia Universidad Católica de Chile and will reside in Santiago, Chile, where they will receive a gross stipend of 1.500.000 CLP (~2.400 USD) per month, as well as travel expenses for those living overseas.

Our Center will host the postdoctoral researcher starting in September 2015.

**Application deadline: 30<sup>th</sup> July 2015**

Application and further inquiries:

To apply, please send your letter of intent/motivation, a research proposal, an extended CV with a full digital archive of published ISI papers, and two letters of recommendation to Rodrigo Cienfuegos ([director@cigiden.cl](mailto:director@cigiden.cl)), Roberto Moris ([roberto.moris@cigiden.cl](mailto:roberto.moris@cigiden.cl)), Juan Carlos De la Llera ([jcllera@ing.puc.cl](mailto:jcllera@ing.puc.cl)).