



Call for postdoctoral researchers at the Center for Research on Biodiversity and Sustainable Environments (CIBAS), Universidad Católica de la Sma. Concepción (UCSC), Concepción, Chile.

The **Center for Research on Biodiversity and Sustainable Environments (CIBAS)** aims to promote and consolidate the scientific and technological research developed at the UCSC. CIBAS aspires to become an institutional and national reference in the generation of knowledge that contributes to the understanding of natural systems, and through development of productive and technological solutions that stimulate sustainable use of the environment and natural resources. CIBAS is constituted under the premise of basic and applied interdisciplinary research as a necessary approach to address current challenges of sustainable use of natural ecosystems and the environmental problems of the region and the country, with special emphasis on sustainable development of coastal and aquatic systems.

In this context, CIBAS invites national and foreign researchers with a doctorate degree that are interested in participating in the 2018 Fondecyt Postdoctoral competition with institutional support and under sponsorship of CIBAS researchers. The Center, together with Faculties of Science and Engineering, are equipped with facilities to develop research in the lines of interest of the call as well as to mechanisms to support research.

Benefits of the Fondecyt Postdoctoral Competition:

Monthly salary for 2 or 3 years of project execution

Budget for operational and travel expenses

Health benefits

Installation costs in case of researchers from abroad

For more information see link:

<http://www.conicyt.cl/fondecyt/2016/09/06/concurso-postdoctorado-2018/>

Lines of research

For the present call CIBAS has defined the following **9 lines of research** that are of interest to the center:

1. Bioproducts derived from residual biomass
2. Climate change and marine coastal communities of Antarctica
3. Evolution of life histories in marine invertebrates
4. Persistent Organic Pollutants (POPs) in the marine ecosystem of central Chile: Transport and bioaccumulation of POPs in the marine food chain
5. Air pollution by semivolatile compounds (SVOCs) in Central Chile: evaluation of transport models and human health
6. Aquatic biogeochemistry
7. Surface or underground hydrology
8. Ecology of river ecosystems, fish ecology



9. Integrated production of electricity (energy) and chemicals for fuels: experimental work to test catalysts and mathematical simulation of integrated processes (chemicals and electricity)

To apply please, please provide the following documents:

Updated CV

Cover letter stating line(s) of scientific interest and research perspectives

Photocopy of doctoral degree certificate

Applicants that have been previously awarded Postdoc Fondecyt are excluded from this call

If interested, please send requested documentation to: cibas@ucsc.cl before April 28, 2017.

Questions and further specific information: Dr. Antonio Brante, Director CIBAS.
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More information about CIBAS at www.cibas.cl