

The **Center for Climate and Resilience Research** (CR2, <http://www.cr2.cl/>) is a center of excellence created in 2013 with funding from the National Commission for Scientific and Technological Research (CONICYT). CR2's sponsoring institution is University of Chile, and Universidad de Concepción and Universidad Austral de Chile are associated institutions. CR2 is the point of convergence of researchers across disciplines who jointly address the understanding of the Earth System in a changing climate and contribute to the evaluation and design of mitigation and adaptation measures in order to strengthen climate resilience in Chile. During its first period, CR2 researchers were prolific in disciplinary research as well as in interdisciplinary collaboration with high scientific impact and relevant outcomes for policy making.

In October 2017 and after an external review process, CONICYT has renewed the CR2 funding for the next 5 years. In this second stage, CR2 will be organized around interdisciplinary questions concerning water shortage and extremes, changes in land use, coastal zones, cities, and a new area focused on climate governance and the interface between science and policy. How climate change impacts on rural (forest) fires, urban air pollution, harmful algal blooms and major storms in arid regions, and how society modulates and copes with these disturbances, are the grand questions to be inter and transdisciplinary tackled in the coming years.

We hereby invite applications for a **4-year research associate position in coastal oceanography focused on air-sea interaction along the Chilean coast**, beginning in 2019. We expect the successful candidate to work with us full time, subject to a yearly review of his/her performance. The positions will be held at University of Concepción, but we expect the successful candidate to visit the partner institutions on a regular basis, taking advantage of the large diversity of expertise within the CR2 as well as the center's distributed resources. Of particular relevance, the candidate is invited to use meteorological/oceanographic hourly observations obtained in a coastal buoy off Concepción and biogeochemical monthly data obtained farther offshore.

The **research associate** will engage with existing projects and initiatives but it is expected that he/she will formulate and rapidly implement his/her own research plan within the framework of CR2 priorities for the next five years (see above). We also expect a proactive cooperation with the center's efforts on in/outreach, science communication, education and development of national and international scientific partnerships. Teaching (in Spanish) is not mandatory but desirable with a dedication of up to half a day per week. Fluency in English is required. If not a Spanish speaker, learning the language while working at CR2 is recommended.

The successful candidate should have a PhD in Oceanography, Earth Sciences, Atmospheric Sciences or related sciences and demonstrate its research capacity, leadership, and team work ability in an interdisciplinary environment. Research themes may include local and regional-scale processes (e.g., exchange fluxes of heat, gases, moisture and momentum) along the Chilean coast as well as climate variability and climate change in the eastern South Pacific. Thus, the candidate should have expertise in observing boundary layer processes and/or ocean-atmosphere coupled modeling.

Interested applicants should upload their CV, list of publications, two letters of recommendation and a research proposal (max 10 pages including references and figures with background, objectives, expected results, and work plan) to develop in the next four years within CR2, to <http://www.cr2.cl/call-for-associate-fellow/> at the latest by **December 5th 2018, 23 hours Santiago, Chile local time**. From the same page you can download our reports and our continuity plan, as well as the corresponding evaluations.

Candidates are expected to apply for complimentary funding via CONICYT or other sources in Chile and elsewhere. The starting salary will be between 3000 to 4000 USD per month depending on qualifications and experience, i.e., ca. 6 to 7 times the median monthly income in Chile. A first selection of candidates will be made by the center's principal investigators (PIs), and the best three candidates will be interviewed. The

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final decision will be made by the PIs in consultation with our advisory panel. We expect to communicate the decision by January 2019. Candidates are expected to start as early as March 2nd 2019 and no later than June 30st 2019. For more information contact CR2's director, and head for coastal zone research line, Laura Farias, laura.farias@udec.cl.

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