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Postdoctoral position in oceanography at Center for Advanced Studies in Arid Zones (CEAZA)

The Center for Advanced Studies in Arid Zones (La Serena, Chile) is hiring a postdoctoral researcher with a Ph.D. in physical oceanography.

CEAZA is developing research aimed at better understanding the role of climate variability and global change on the central region of Chile. Its oceanography department is particularly dedicated to understanding the evolution of the coastal zone and how natural and anthropogenic pressures modulate the coastal oceanic circulation and its impacts on a number of sectors of the Coquimbo regions (fisheries, infrastructures, tourism). It is currently seeking a motivated early-career scientist to join an on-going project entitled CLAP (for Research Program for Climate Action Planning) aimed at providing climate products useful to decision making based on state-of-the-art modeling and observations.

The ideal candidate should have a solid background in oceanography or climate science and in the handling of large data sets. Experience in machine learning techniques would be considered a plus.

Requirements:

PhD in Earth sciences, a solid background in unix environment, and at least one programming language/environment (Matlab, Python, Fortran).

Desired Qualifications:

Knowledge in hydrodynamic modeling and biogeochemistry, preferably in tropical and Eastern Boundary Upwelling Systems, as well as in advanced statistical techniques applied to geophysical problems.

Ability to work independently and as a team, interacting cooperatively with people of diverse backgrounds and academic levels.

Excellent communication skills (spoken/written English), be highly motivated, and have demonstrated experience with writing and publishing in international peer-reviewed journals.

The initial contract is a 6-month position. The appointment could be extended based on satisfactory performance. We will provide competitive salaries/benefits depending on the candidate's qualifications based on center guidelines. The position is available from the 15th of April of 2025. The Postdoctoral Researcher will be supervised by B. Dewitte and will work in a multidisciplinary team that includes specialists in physical and coastal oceanography, remote sensing and hydrodynamical modeling. Candidates may apply by submitting a single PDF file, including i) a cover letter outlining the research interests/strengths, ii) CV iii) contact information for at least two references, to Boris





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Dewitte (boris.dewitte@ceaza.cl). Review of applications will begin as soon as they are received, and will continue until the position is filled.

