



Opportunity: Postdoctoral Position on Fisheries Climate Change Adaptation and Vulnerability in Chile

The [Center for Advanced Studies in Arid Zones](#)/Centro de Estudios Avanzados en Zonas Áridas (CEAZA, Chile) in collaboration with the [Future Oceans Lab](#) (FOL) at the Universidad de Vigo (UVigo-Spain) is seeking applications for a 2-year postdoc position based in Coquimbo (Chile)

CEAZA is an interdisciplinary research Centre that promotes scientific and technological developments in earth and biological sciences, with a focus on the Central Chile region. CEAZA is active in oceanography, meteorology, biology, ecology and climate science through developing observational networks and researches based on a wide range of cutting-edge approaches. In the frame of its scientific prospective, CEAZA has dedicated to advancing the understanding of natural climate variability, man-made climate change and their impacts on the marine ecosystems and their services off the coast of Central Chile.

FOL forms part of the Centro de Investigación Mariña (CIM) at UVigo, a reference center on multi-disciplinary marine science in the region. FOL -seeks to find solutions for adapting marine systems to the impacts expected from climate change, applying a large set of solutions from social and natural sciences to understand climate change adaptation in marine systems. FOL works towards oceans long-term sustainability and has a strong commitment to science dissemination and outreach.

Postdoctoral Position:

The researcher will be responsible for leading a case study approach on fisheries vulnerability and adaptation to climate change extreme impacts in the region, developed within the new *Research Program for Climate Action Planning (CLAP)*, funded by the Chilean Government. CLAP is a 5-year project that aims at investigating the fisheries vulnerability and adaptation to climate change and variability, including extreme events, in the oceanic region off central Chile. The successful candidate will work with Laura Ramajo (CEAZA) and Elena Ojea (UVigo), among other collaborators, starting between March - May 2021.

Postdoctoral project and work description:

The selected candidate will develop a bottom up stakeholder-based approach to climate vulnerability in the region of Coquimbo, that advances the state of the art on fisheries risk, vulnerability, and adaptation, and that contributes to the design and implementation of informed adaptation plans and policies in the region. The selected candidate will join a team of scientists from different disciplines involved in CLAP research line *“Ecological and social responses to climate variability and extreme climate events”*, which will be developing ecological and oceanographic information at the regional scale that will be key to incorporate into the risk and vulnerability assessments. The postdoctoral researcher will be in charge of the development of social-ecological vulnerability and adaptive capacity assessments, including ecological secondary data and social primary data collection, stakeholder interviews and workshops, user questionnaires and statistical analysis. These analyses will be conducted over selected marine dependent human communities, involved in fisheries and/or tourism or other uses, impacted by extreme climatic events, and that are of key relevance for local sustainability and resilience.

The candidate will be based in CEAZA (Chile) and will work closely with the Future Oceans Lab at the Universidad de Vigo and will be able to conduct research stays with the researcher Elena Ojea. We are looking for a post-doctoral researcher with experience within the fields of environmental management, social research, ecological economics, climate change adaptation, ecology and/or sustainability science. We expect candidates with a strong interest in working in adaptation to climate change in the coastal communities in Chile, and willing to contribute to cutting edge research questions. We expect that the candidate be highly independent, with skills in leading and managing projects, ability to work with consortia of international partners, good communication skills and social abilities to interact with stakeholders.

Additional responsibilities will include: publishing peer-reviewed articles, mentoring junior researchers and potentially co-supervising PhD students, maintaining the required research networks to successfully develop the objectives, identifying relevant policy actors and communicating with them, contributing to the team outreach activities to help with the dissemination of the project actions.

Required Qualifications:

- Aspiring candidates should have a finished PhD in fisheries and/or marine resource management, economics and/or social sciences, environmental science, or related field.
- Experience in implementing environmental, research or capacity building projects of at least 1 year.
- Research experience with fishing communities, in marine conservation, restoration and/or fisheries management.
- Coding skills and experience with R or similar software for data analysis and visualization.
- Have at least one peer-reviewed publications in internationally recognized journals on issues relevant to the topic of the position.
- Proficiency in Spanish.

Additional (desirable) Qualifications:

- Experience leading project tasks and implementation, especially in similar projects
- Experience with climate change research, experience in climate risk/vulnerability assessments will be highly valued;
- Experience with qualitative approaches to environmental management, stakeholder analysis, focus groups, preference analysis, participative methods, etc.;
- Experience in ecological and social indicators, indices and other representations of complex problems;
- Strong interpersonal skills to build and maintain strong relationships with stakeholders, academic, NGO, policy and government partners and to work effectively as part of a highly collaborative research team;
- Proficiency using GitHub, Shiny, and other online tools for efficient research;
- Publications in inter-disciplinary journals or in journals from different disciplines will be highly valued;
- Have scientific independence and capacity to generate ideas autonomously;
- Linguistic fluency in Spanish and English.

Salary and Benefits:

Full-time contract will have a 2-year duration, and is expected to start in March-June 2021. There are no teaching duties. Gross annual salary between 20,295,000 Chilean Pesos (28,300 USD) (year 1) – 22,140,000 Chilean pesos (30,800 USD) (year 2). For cost of living in Coquimbo Region see <https://www.expatisan.com/cost-of-living/la-serena?currency=USD>

To apply:

The candidates are invited to send their application by e-mail to ofertas.laborales@ceaza.cl with the following subject: “CEAZA vulnerability postdoc_ *family name of the applicant*”. The deadline for applications is **15 March 2021 at 15h** (local time). Additional candidates will be considered beyond the deadline only if the position remains unfilled.

The following documentation should be attached in a single PDF file:

1. Current curriculum vitae (2 pages total, in English) indicating previous experience, publications, projects, training, organization of scientific activities, specific technical skills.
2. A 1-page cover letter discussing your motivation to apply for this postdoc position and explaining how could you both benefit and contribute to the tasks and research.
3. A 1-page description of your current research, discussing your main results in the context of this position, and including two related publications.
4. Contact information for 3 references. Support letters will be required only in the second step of the evaluation

All candidates will have feedback with a message as proof of delivery. All candidates complying with the Required Qualifications will be evaluated based on the Preferred Qualifications by the Evaluation Commission formed by research and administrative staff of CEAZA and UVigo. Top candidates will be

invited to an individual online interview. The final decision will be based on the evaluation of merits (70%) and of the interview (30%).

CEAZA and University of Vigo hires on basis of merit and is strongly committed to equity and diversity within its community. All qualified applicants are encouraged to apply, they will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law. Note that if the successful applicant is neither a Chilean citizen nor a permanent resident of Chile, he or she must be issued a work permit prior to commencing the position. Due to the current situation of Global Pandemia, we expect to be able to fulfill the detailed deadlines, however, we are not able to assure the incorporation of the final candidate to the group physically. In such a case, we expect however to start the contract remotely and advance in the project with online meetings and remote work.