

Position: Postdoctoral Position on econometrics/quantitative social-ecological science in EU-ERC Starting Grant project

Position:

A 2-year post-doctoral appointment is offered for a researcher with a strong background in quantitative approaches to environmental social sciences and economics. The successful candidate will join a team funded by the European Research Council (ERC) Starting Grant project "[CLOCK: Climate Adaptation to Shifting Stocks](#)" led by Dr. Elena Ojea at the [Future Oceans Lab](#) in the University of Vigo, Spain. Researchers with experience in econometrics, statistical modelling applied to social-ecological systems, governance of natural resources and fisheries economics are encouraged to apply.

Project and work description:

The ERC project CLOCK is a highly multidisciplinary project that investigates adaptation to climate change in marine systems from an ecological, social and an economic perspective. The project develops theory and empirical analysis over a range of questions regarding sustainable resource management under climate change, and livelihoods adaptation. The postdoctoral researcher will work with the Principal Investigator and project team to explore the governance and management conditions that drive fisheries resilience. The successful candidate will join an active team of researchers settled in Vigo (Spain) and will have the chance to conduct research stays in international cutting edge institutions. This is an active team of researchers in adaptation to climate change in marine systems, currently contributing to the 6th IPCC Assessment Report.

We are seeking a post-doctoral researcher with experience within the fields of environmental social sciences, environmental economics, econometrics and sustainability science. We expect candidates with a strong interest in working on social-ecological systems theories, together with sound experience in data science, statistics and/or econometrics, willing to contribute to cutting edge research questions. There is flexibility on the specific research topics, but these may include a global assessment on social factors that influence sustainability, the influence of different fisheries management regimes on resilience and adaptation to climate change. The postdoctoral fellow will be responsible for: (1) developing novel approaches to understand the implications of fisheries management regimes in social-ecological systems; (2) compile and analyze a large database on fisheries management globally; (3) perform a global assessment of adaptation in fisheries.

Additional responsibilities will include: publishing peer-reviewed articles, mentoring junior researchers and potentially co-supervising PhD students, contributing to new research grants, establishing 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 recent PhD in economics, sociology, environmental science, fishery sciences or related fields.
- Sound experience with statistical analyses, econometrics and/or data science is a must.
- Experience in research on management of natural resources, sustainability science and/or environmental governance in the oceans.
- The candidate should be fluent in computer programming (R or similar software).
- Have at least two peer-reviewed publications in internationally recognized journals related to the position.

Additional Qualifications

- Experience with GLM and GAM modelling, meta-analyses, Bayesian statistics.
- Experience with equity, social justice and participation in social-ecological systems.
- Great communication skills, highly motivated and able to work in an interdisciplinary team.
- Strong interpersonal skills to build and maintain strong relationships with academic, NGO, policy and government partners.
- 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.
- The candidate must demonstrate ability to work as part of a team, have leadership skills and be forward thinking, able to support and train PhD students.
- Have the ability, willingness and commitment to work in a new, multidisciplinary team based in Vigo (Spain).
- Have scientific independence and capacity to generate ideas autonomously and to lead new projects and proposals.
- Linguistic fluency either in Spanish, Galician and/or Portuguese.

Salary and Benefits:

Full-time contract will have a 2-year duration, potentially expanding to a 3rd year, and is expected to start in January 2019. There are no teaching duties. Depending on the research record, relevant background and experience, annual salary commensurate with qualifications, will range between €30,000-€40,000 gross.

To apply:

The candidates are invited to send their application by e-mail to futureoceanslab@uvigo.es with the following subject: "ERC CLOCK postdoc application *family name of the applicant*". The deadline for applications is **November 23th 2018 at 8pm** (local time). Additional candidates will be considered beyond the deadline if the position remains unfilled. Moreover

we remain open the possibility of recruiting two applicants, subject to the suitability and complementarity of the applications.

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

1. Current curriculum vitae (in English).
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 team.
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 academic researchers that can provide you with a recommendation letter if further required in the process.

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 the University of Vigo. Top candidates will be invited to an individual online interview. The final decision criteria will be based on merits (70%) and the interview (30%).

The 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 European citizen nor a permanent resident of Europe, he or she must be issued a work permit prior to commencing the position.