Position: International PhD opportunity on marine socio-ecological systems adaptation to climate change.

The [Future Oceans Lab at](#)University of Vigo (Spain) and the Arctic Research Center at Hokkaido University (Japan) are accepting applications for a joint PhD student position starting in fall 2019. The successful candidate will enroll in the doctorate program [Do Mar](#)from Campus do Mar and will be co-supervised by Drs Elena Ojea (University of Vigo) and Jorge García Molinos (University of Hokkaido).

Job Description:

The expected overarching research theme lies at the intersection of climate change and social ecology with a focus on adaptation of coastal-dependent human communities to shifts in marine species distributions and resulting biodiversity changes. The successful candidate will engage in multidisciplinary applied research combining natural and social sciences, including ecological, social and economic components. During the first months of the contract, the student is expected to develop a relevant PhD proposal with guidance from both co-supervisors. She/he will have the chance to explore adaptation processes of social-ecological coastal systems in different, contrasting geographical settings (e.g., Spain, Japan, Alaska, Caribbean), and a variety of governance systems such as marine protected areas or areas under property rights. Given the strong applied focus of this research, the student is expected to be comfortable with, and available to, conduct field research abroad, including a research stay at Hokkaido University (Japan).

We are looking for a highly motivated, outstanding PhD student with background in Marine ecosystem management, demonstrated research interests that align with the theme of this call, and with great technical, language, communication and team work skills. Candidates should be willing to work on a PhD proposal that will be submitted to competitive grants to assure continuous funding through the whole PhD project (see Salary and Benefits below).

Minimum Qualifications:

At the time of recruitment, the candidate:

- Should hold a degree formally entitling him/her to embark on a doctorate for the academic course 2019-2020 (Master Degree or minimum 300 ECTS), and be willing to

be enrolled in the DoMar Ph.D. Program. Candidates are advised to check that they fulfill the requirements admission here: http://campusdomar.es/es/phd-in-marine-science-technology-and-management-domar

- Have a Master's in marine ecology, natural resource economics, environmental science and management, climate change adaptation, fishery science or related field. <u>The Master-degree should not be older than 2 years</u>.
- Have an excellence academic record to apply to PhD funding. Applicants should have obtained the first Bachelor's degree -that allows candidate to start PhD studies- on or after January 1, 2016. Ideally the minimum Grade Point Average (GPA) must be 8, GPA bellow 7.5 will be assessed.
- Willingness and capacity to travel abroad and conduct research stays.
- Demonstrated English proficiency (written and spoken).
- Should not have already a PhD.

Preferred Qualifications:

- Experience with quantitative, statistical and modeling approaches to environmental management, including models related to fisheries management, climate vulnerability analyses and/or MPA design;
- Experience with qualitative approaches to environmental management, stakeholder analysis, focus groups, preference analysis, participative methods, etc.;
- Coding skills and experience with R or similar;
- Experience in GIS;
- Proven records of peer-reviewed scientific publications, presentations at international conferences, and capacity to present scientific concepts for diverse audiences;
- Strong interpersonal skills to build and maintain relationships with academic, NGO and government partners and to work effectively as part of a highly collaborative research team;
- Proficiency in Spanish, Portuguese or Japanese is a plus but not a requirement.

Salary and Benefits:

- This is a 1-year fellowship (renewable to 2-years depending on performance) to start a PhD project. Thereafter, the student is expected to secure external funding with support of both supervisors to continue the project for years 3 and 4.
- Salary level and step commensurate with qualifications, in the range of 15.000 - 18.000€ gross per year.
- Start date is in fall 2019.
- The project covers PhD enrolment and other fees related to the PhD program and research activities.

- The fellow will have access to a wide range of academic and networking activities (conferences, research seminars and workshops), as well as ad hoc training in specific scientific skills and career development courses.

To Apply:

Interested students are invited to send the application by email to <u>futureoceanslab@uvigo.es</u> with the following subject: "CLOCK project Predoc researcher application_*family name of the applicant*". The deadline for applications is **September 20th 2019** at **8pm (CET)**.

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

1. A letter of interest up to 1000 words (2 pages) in English:

   a. Explaining the motivation for conducting a PhD, engaging in Academics, and dedicating research to this topic for the next years.

   b. Explaining the applicant's background and expertise, with a focus on the skills, knowledge and aptitudes they would bring to the position.

2. A Curriculum Vitae of the applicant (no more than 4 pages): The CV must include:

   a. Basic personal data
   b. Education and work experience, indicating courses taken as relevant for the position, specific technical skills and previous work related to the topic (master's thesis, reports and others).
   c. Grade Point Average (GPA) of the applicant bachelor's and master's degree. GPA must be provided in the original scale (providing by the corresponding university) plus in 0-10.00 scales.

3. Up to three references with their contacts. 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 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.