



**The Natural Capital Project (NatCap) seeks a creative individual for a 1-2 year post-doc working on climate-habitat-fisheries models and their application.**

The postdoc will develop a climate-habitat-fisheries model for application in New England and then generalize it for application to other locations. The modeling project is part of a team effort to explore how changes in sea surface temperature (and potentially ocean acidification) may affect coastal and offshore habitats, thus changing distribution of target and bycatch species, fishing behavior and profits to port communities. The successful applicant must have experience in quantitative modeling; knowledge of fisheries science and fish-habitat interactions is preferred. Familiarity with agent- or individual-based models, climate models and integrating across different types of models is desired. The model is intended to aid in the support of coastal and marine management and to be general and widely applicable, so applicants must be passionate about creating simple, elegant, scientifically robust models for decision-making purposes. The model will be part of the Natural Capital Project's suite of software tools used to map and value the goods and services from nature that sustain and fulfill human life. The successful applicant will also support a variety of other NatCap engagements that involve fisheries, by running or adapting existing InVEST models to meet the needs of the engagement.

The position is located at Stanford University or at the University of Washington. Extensive interaction with interdisciplinary teams and travel—particularly to New England—are required.

### **Preferred Qualifications**

- A Ph.D. in fisheries science, quantitative ecology, marine science, or a related field (required)
- Experience building and calibrating models, confronting them with limited data and expressing uncertainty
- Experience working with collaborators from diverse backgrounds and interest in working with interdisciplinary teams
- Excellent written and oral communication skills
- Strong programming skills
- Proficiency in GIS
- Research experience in New England fisheries

**How to Apply:** For full consideration, please submit a cover letter, CV, and the names of three references to Anne Guerry ([anne.guerry@stanford.edu](mailto:anne.guerry@stanford.edu)) with “Fisheries Scientist Post-doc Application” listed in the subject line. We will begin reviewing applications November 15<sup>th</sup>, 2013 and the position will remain open until filled.

More information on the Natural Capital Project, a partnership among Stanford University, World Wildlife Fund, The Nature Conservancy and the University of Minnesota can be found at [www.naturalcapitalproject.org](http://www.naturalcapitalproject.org). Stanford University is an equal opportunity employer, and we are especially eager to identify minority persons and women with appropriate qualifications.