Post-Doctoral Opportunity in Fisheries and Ecosystem Modeling in Haida Gwaii, British Columbia at Florida State University
A collaboration with FSU, Council of Haida Nation, Parks Canada, Dalhousie University and many project partners

The Department of Biological Sciences at Florida State University invites applications for a post-doctoral researcher to help construct and analyze multispecies population models for Gwaii Haanas National Park Reserve, National Marine Conservation Area Reserve, and Haida Heritage Site and throughout coastal Haida Gwaii in British Columbia, Canada, with Dr. Dan Okamoto (dkokamoto.com).

Required qualifications: Applicants must have demonstrated skills in quantitative fisheries science, computer programming, ecosystem modeling, bioenergetics models, and/or ecological modeling.

About the opportunity
Extirpation of sea otters nearly two centuries ago allowed sea urchins to proliferate in northern British Columbia, leading to dramatic decline of kelp forests in the region yet facilitated thriving indigenous and commercial fisheries for sea cucumbers, crustaceans, bivalves and mollusks. As sea otters recover, new quantitative tools are required to help facilitate resource management decision-making. The researcher will be expected to lead their own studies and work collaboratively to develop and analyze models. As the COVID-19 situation permits, the candidate will travel to Haida Gwaii and British Columbia for extended periods to work with management agencies and community members as well as participate in workshops to collaborate with experts from other universities, communities and government agencies. The researcher will also work directly with other project leads Dr. Lynn Lee (Gwaii Haanas), Dr. Tim Tinker (Dalhousie) and Ms. Vanessa Bellis (Haida Fisheries), as well as the Integrated Fisheries Lab (Dalhousie) and the broad network of project team members.

For prospective candidates
- Interested applicants should contact Dan Okamoto at dokamoto@bio.fsu.edu and include a CV and a short description of your professional/research interests, relevant experience, why this opportunity is of interest, and any questions about the position.
- A PhD in quantitative fisheries science, applied statistics, or ecological modeling is required, with preference for candidates with experience with numerical population models, management strategy evaluation, ecological modeling, or working with agencies and communities.
- Salary is competitive and commensurate with experience. Funded for 24 months, working remotely is encouraged, funded travel.
- FSU is an equal opportunity employer and underrepresented and minority groups are encouraged to apply.

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