

David L Nieland

Subject: Post-doc position in data-limited fisheries assessment and management, SFU

The Cooper Lab at Simon Fraser University's School of Resource and Environmental Management (<http://www.rem.sfu.ca/people/faculty/cooper/>), in collaboration with Conservation International, is recruiting a postdoctoral researcher / staff scientist to work with an international team of fisheries and stock assessment scientists on the assessment and management of data-limited fisheries. The position will be located near Vancouver, B.C., begin in January 2015, and go through August 2016. Potential candidates should have a strong background and skills in data analysis and statistical modeling, stock assessment modeling, and coding in R. The successful candidate will be lead author on multiple manuscripts, so a healthy publication record is required. Familiarity with management strategy evaluations is preferred.

The first phase of this project examined the ability of a suite of catch-only assessment models to estimate B/Bmsy over a wide range of simulated fisheries (<http://www.fao.org/docrep/019/i3491e/i3491e00.htm>). The successful candidate will participate in the second phase of this project by collaborating with working group members to apply the suite of catch-only assessment models to 4 regions: the West Coast of the US and Canada, Eastern Tropical Pacific Seascape (ETPS; the Pacific EEZ regions of Ecuador, Colombia, Panama, and Costa Rica), Brazil, and the Mediterranean to determine how performance may vary in different regions and to develop estimates of uncertainty in assessment outcomes. The successful candidate will also examine the degree to which management decisions can be based on these models when applied to the simulated fisheries as well as to fisheries in regional case studies in the West Coast of the US and Canada as well as the ETPS.

Interested candidates should submit a letter of interest, CV, and the names and contact information for 3 references to Dr. Andrew Cooper (Andrew_Cooper@sfu.ca). Review of applications will begin December 1, 2014 and continue until the position is filled. A copy of this advertisement can be found at <http://www.rem.sfu.ca/about-rem/employment-opportunities/postdoctoral-position/>

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