



Prof Astrid Jarre-South African Research Chair in Marine Ecology & Fisheries-UCT-
Phone +27 21 650-5454 (lab)-Email: Astrid.Jarre@uct.ac.za, ajarre@gmail.com-Web: www.eafsa.uct.ac.za

13 April 2018

Two Post-Doctoral Research Fellowships

The South African Research Chair in Marine Ecology and Fisheries, based at the University of Cape Town, is home to a dynamic research environment contributing methodology for the support of management decisions in the marine social-ecological systems of the Benguela. Our research focusses on three areas: systems modelling for management strategy evaluation, systems indicators at the science-policy interface, and transdisciplinary research into marine social-ecological systems under global change.

Two Post-Doctoral Research Fellowships are available in our group. The fellowships are provided for a period of one year. There is a possibility of extension depending on availability of funding and the research progress of the incumbent.

One scholarship can be awarded to a candidate interested in exploring spatio-temporal fishing fleet behaviour in response to ecosystem changes using ecosystem modelling. Candidates should demonstrate experience in one of the standard ecosystem modelling approaches (the EwE suite of models, Osmose or Atlantis). Experience in temperate or subtropical shelf systems, or eastern boundary upwelling ecosystems will be an advantage.

The other scholarship can be awarded to a candidate with a background in social sciences, interested in interdisciplinary research across the natural and social sciences. The incumbent is expected to conduct research into increasing adaptive capacity of coastal communities of the Agulhas Bank subsystem of the southern Benguela. Experience from this region, or comparable regions, will be an advantage. Knowledge of Afrikaans, the local language spoken in the region, is desirable.

The fellowship will be awarded on conditions of a NRF/SARChI Post-Doctoral fellowship and subject to approval of the nomination by the University of Cape Town and the South African National Research Foundation. It is valued at ZAR 220,00 for 12 months. UCT's general conditions for Post-Doctoral research fellows can be found at the following URL:

http://www.uct.ac.za/sites/default/files/image_tool/images/328/research/postdoc_research/funding/2018Registration_Eligibility_criteria_fina1.pdf

Applications consisting of a cover letter, curriculum vitae, pdf of the PhD thesis, pdf(s) of relevant post-doctoral research (if applicable), and the names of two referees should be sent to Prof Astrid Jarre, Astrid.Jarre@uct.ac.za, by 27 April 2018.

Selection will be made by the two senior staff members in the group, Prof Astrid Jarre and Dr Lynne J. Shannon. Applications that are incomplete, late or inappropriate will be disqualified. We reserve the right to change the conditions of award, or not to award either fellowship.