



Department of Mathematics and Applied Mathematics

University of Cape Town
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FISHERIES ASSESSMENT POSTDOCTORAL FELLOWSHIP: AUGUST-DECEMBER 2018

Value: Up to R115 000 for 5 months (August to December). The award does not include any benefits and is normally exempt from taxation.

Closing date: 25 JULY 2018

Applications are invited from suitably qualified persons for this Fellowship, the purpose of which is to advance assessment research on the South African hake resource. The possibility of work on other aspects of quantitative research on South African fisheries is not excluded.

The fellowship is open to any eligible person, South African or otherwise, who is capable of carrying out its objective regarding hake assessment research on three fronts: i) refining standard assessment approaches for the two hake species which model predation mortality implicitly; ii) use of those assessment results to develop operating models which in turn are used to test refined candidate management procedures for the hake resource; and iii) extension of existing models of the two species which take their inter- and intra-specific predation into account explicitly. The work will include complementing the analyses needed as a basis to offer scientific management advice for the hake resource. Possession of a PhD degree which has been obtained no more than five years ago is a minimum requirement. Eligible candidates may not have previously held any academic or professional permanent positions.

The research to be conducted by the Fellow will be under the general supervision of the Director of the Marine Resource Assessment and Management Research Group (MARAM) in the Department.

The tenure of the Fellowship is 5 months, with the commencement date as soon as possible after 31 July 2018.

Applications must include the following:

1. Research Proposal summarising the work suggested to be pursued (maximum four pages).
2. The applicant's full curriculum vitae and list of publications.
3. The names and contact details of two referees from whom evaluations might be sought.
4. Certified copies of all academic transcripts and degree certificates.

Applications will be considered by a sub-committee in the Department of Mathematics and Applied Mathematics.

Applications must be submitted electronically to the Director, MARAM, Department of Mathematics and Applied Mathematics, University of Cape Town (email: doug.butterworth@uct.ac.za)

by no later than 25th July 2018

Further information can be obtained by emailing this address or telephoning 021-650-2340 (mornings only).

Information on faculty structure and academic departments may be found on the UCT website at <http://www.uct.ac.za>

All applicants are subject to the policies surrounding the postdoctoral sector at the University of Cape Town.

The University of Cape Town reserves the right to make no awards at all; to cancel the award if the conditions are not met, and to effect changes to the conditions of award.