

Education and competence building not unique to fisheries...





















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Jobs & Strategy..... the case of marine animal eco-physiology

Government departments...



es and other relevant documents in order to be considered, to The Director-Gener oasts, P.O. Box 52156, VSA Waterfront, 8002 / 2 East Pier Shed, East Pier R will verify all quadifications and experience and that original documents must be d abroad will be evaluated by SAQA.

mental Affairs is an equal opp bility) in the Department throu esentivity will receive preference person for employment. Corre nent of Environ epartment through the every preference. Short 'oyment. Correspond 'e of this

	FOR ATTENTION	: Human Resource Management				
	CLOSING DATE	: 26 August 2011				
	POST	: ENVIRONMENTAL OFFICER PRODUCTION GRADE C: ESTUARIES MANAGEMENT (OC 06/2011)				
	SALARY	: R 193 260 - R 245 241 per annum				
	CENTRE	: Waterfront – Cape Town				
	REQUIREMENTS : A 4-year degree or diploma in the field of Natural Science/ Nature Conservation/ Environmental Management, will some evidence of practical capabilities in these fields. The position requires person with good working knowledge of environmental legislation and a good understanding of the value and functioning of estuaries including challenges to their management. Good communication and report writing skills environmental data and review environmental impact assessment applications/reports. In and around estuaries. Possession of a value diversi since of sessinal, as the job environmental environmental data and review environmental impact assessment applications/reports in and around estuaries.					
Ass	sist in the proce.	ss for the development and implementation of estuarine				
mand	igement plans t	hrough familiarization with estuarine issues across the				
board	l, including biop	physical, socio-economic and legislative aspects. Assist				
with the management of estuaries by participating in local, regional and						
natio	nai meetings; a rtmont and ron	nd also undertaking site visits on benalf of the				
cton	nuironmontall	unsuitable developments and support suitable opes				
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throu	ah commenting	on FIA applications and reports Ligise with other sub-				
throu	gh commenting	on EIA applications and reports. Liaise with other sub-				

The University of KwaZulu-Natal (UKZN) is committed to Employment Equity

COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE

PROFESSOR/ASSOCIATE PROFESSOR (MARINE BIOLOGY) SCHOOL OF LIFE SCIENCES WESTVILLE CAMPUS

REFERENCE NO.:LS04/2014

The School of Life Sciences is well established with a strong research profile and has a large number of undergraduate and postgraduate students. The incumbent will make valuable contributions to the teaching and research leadership in Marine Biology.

S/he will be expected to promote interdisciplinary research across the School and College and between the different marine institutions in the region, in addition to international collaboration.

The incumbent should be an established international expert in his/her field, capable of leading a dynamic multidisciplinary research team in the school. In addition s/he will provide leadership in the School and the College and develop the next generation of academics. S/he should also play a leading role in improving the teaching in the School and College. S/he should preferably diversify existing teaching and research expertise in Marine Biology at the University.

The incumbent will report to the Dean and Head of School.

Minimum Requirements:

- A PhD degree in any area of Estuarine/Marine Biology or Ecology Experience in teaching in a relevant field at Tertiary Institution

- Demonstrated ability to attract external research funds A strong research focus as evidenced by a current and sustained research record of publications in peer-reviewed ISI/ DoHET accredited journals appropriate for the level Successful supervision of postgraduate students including at least a PhD student in a relevant field of study



A National Marine Research Plan for South Africa, 2014+	<mark>Y</mark>		-	
	Plans info	ormed by th	e pool	
Prepared for The National Research Foundation	Ecc	ologist ≠ Physiolog	iologist	
	Word	No Repeats		
By	climate	36		
P.H. Skelton ¹				
March 2014				

A National Marine Research Plan for South Africa,			
2014+	Plans informed	d by the pool	
Prepared for	Ecologist ≠ Physiologist		
The National Research Foundation	Word	No Repeats	
Ву	climate	36	
P.H. Skelton ¹	genetic*	12	
March 2014			



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The National Research Foundation	Word	No Repeats		
Ву	climate	36		
P.H. Skelton ¹	genetic*	12		
	hahaviauu*	2		
	benaviour	3		







Country	No papers	No papers led	No single country papers	
Angola	24	2	0	
France	115	65	14	
Germany	170	129	75	
Namibia	128	42	9	
Norway	71	30	5	
RSA	526	376	225	
UK	89	40	12	
USA	93	47	26	

Number of papers on the resources and/or environment of the BCLME region published over the period 2000-2016 that included authors from the identified countries

> 40 non regional countries involved:

Germany, France, USA and UK > 10% outputs, each

Number of papers on the resources and/or environment of the BCLME region published over the period 2000-2016 that included authors from the identified countries, expressed as a percentage of all collaborative papers published by scientists from those countries. Thus, 16.7% of all papers co-authored by South African scientists included Namibians, whilst 68,8% of all papers that included Namibian scientists also included South Africans. The in-country papers are expressed as a percentage of all papers co-authored by that country.

		Percent Collaboration							
		Angola	Namibia	RSA	France	Germany	Norway	UK	USA
Country	Angola	0.0	45.8	66.7	12.5	0.0	29.2	16.7	4.2
	Namibia	9.4	7.0	68.8	8.6	10.9	25.0	10.9	7.0
	RSA	3.0	16.7	42.8	15.0	7.4	8.9	10.5	7.2
	France	2.6	9.6	68.7	12.2	10.4	7.0	13.0	7.0
	Germany	0.0	8.2	22.9	7.1	44.1	5.3	4.1	10.0
	Norway	11.3	45.1	66.2	11.3	12.7	7.0	18.3	5.6
	UK	4.5	15.7	61.8	16.9	7.9	14.6	13.5	7.9
	USA	1.1	9.7	40.9	8.6	18.3	4.3	7.5	28.0





UPSHOT – builds resentment amongst local scientists and threatens future collaboration

Solutions:

Collaboration is vital – knowledge generation Development of local skills base is vital Skills must be relevant and deployable Plan inclusively - early "SOFT skills" development is as important: if not more important....

DO NOT EXPECT instant results – mentorship and follow-up

THANK YOU