

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

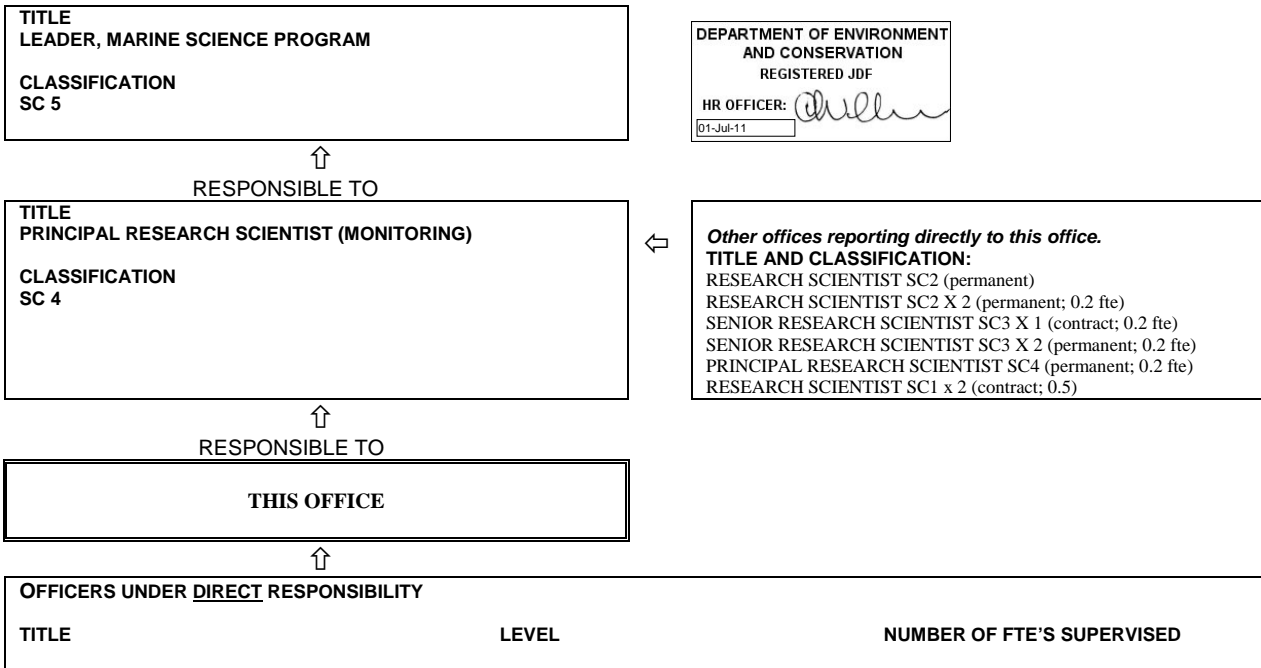
JOB DESCRIPTION FORM

The mission of the Department of Environment and Conservation

Working with the community, we will ensure that Western Australia's environment is valued, protected and conserved, for its intrinsic value, and for the benefit of present and future generations.

Position Title Research Scientist (Monitoring)			
Effective Date 1 July 2011	Position Number DEC3047407	Level	Specified Calling Level Level 1
Services	Division Science	Branch Marine Science Program	
Section Western Australian Marine Monitoring Program (WAMMP)	Agreement PSA 1992/PSGA 2008	Location Kensington	

REPORTING RELATIONSHIPS



Role (brief outline of key responsibilities/duties) and Scope (i.e. level of guidance under which individual operates, range of assignments that may be undertaken, influence on results for work function/program)
<ul style="list-style-type: none"> Undertakes designated marine monitoring, evaluation and reporting (MER) for the conservation of Western Australia's marine biodiversity, with a particular focus on marine protected areas and threatened fauna, under immediate direction of senior staff. Provides expert scientific advice on these matters as required.
Individuals undertake their duties within the Department's Code of Conduct, policies/procedures and relevant Government legislation.

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RESPONSIBILITIES OF THIS POSITION	
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Details (listed in descending order of importance)	%
<p>MARINE MONITORING, EVALUATION AND REPORTING <i>Enhances the Department's management efficiency and effectiveness in the conservation of marine biodiversity in Western Australia through marine monitoring, evaluation and reporting (MER), with a focus on marine protected areas and threatened marine fauna, under immediate direction of the Principal Research Scientist (monitoring) in partnership with DEC regional offices.</i></p> <ul style="list-style-type: none"> • Takes a lead role in MER of coral communities and other ecological and social assets as required within an asset 'condition-pressure-management response' framework. • Operates and is familiar with sampling equipment for the collection of marine biophysical data from vessels. • Coordinates in-water data collection, undertakes analysis and post-processing of video and still imagery of marine communities. • Develops time-series datasets of historical and current MER (and related research) activity. • Assists in the development of Standard Operating Procedures and monitoring databases as required. • Assists in the development and maintenance of Marine Science Program data management tools as required. • Co-ordinates technical support staff and assists with the scientific training of regional staff and community volunteers as required. • Publishes findings in legislated governmental reports and in national and international journals. • Prepares technical reports and guidelines to facilitate knowledge transfer of science for operational management, planning and policy development. • Communicates marine monitoring findings to internal and external stakeholders via a variety of media. 	85
<p>ADVICE</p> <ul style="list-style-type: none"> • Provides technical advice and training to DEC Regions and Specialist Branches as required. • Represents DEC on committees, etc. 	5
<p>SCIENCE ADMINISTRATION</p> <ul style="list-style-type: none"> • Undertakes other duties as directed by the Program Leader, Marine Science Program 	10

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SELECTION CRITERIA

Applicants will be assessed against the selection criteria in the context of the position.

Applicants should address the following four criteria in a written application. These should be addressed in no more than three pages.

Note: All criteria are considered essential unless specified otherwise

1. Demonstrated capacity to lead teams in the field.
2. Demonstrated ability to develop and apply standard techniques for monitoring changes in marine communities and the pressures (natural, anthropogenic and climate change) that affect them.
3. Demonstrated general knowledge of coral reefs and some knowledge of the marine biodiversity of Western Australia.
4. Demonstrated capacity to plan and concurrently implement a range of science projects (desirable).

The following criteria will be assessed at some stage during the selection process:

5. Degree in marine biological sciences from a recognized university, or an approved equivalent qualification.
6. Ability to undertake remote field-based research and monitoring for 3-6 months per year.
7. Demonstrated capacity to communicate effectively and work in teams.
8. Demonstrated high level of computer literacy and knowledge of software packages relevant to marine MER programs.
9. Current 'A' Class Driver's Licence.
10. Open Water SCUBA diving qualifications (AS 2815.1) DEC Category C Diver.
11. Honours and/or post graduate degree in marine ecology. (Desirable)
12. Relevant post-graduate experience in database management, remote sensing and/or GIS. (Desirable)
13. Boat handling qualifications and experience. (Desirable)
14. Advanced SCUBA diving qualifications or over 50 hours of recorded SCUBA diving. (Desirable)

Applicants who are able to demonstrate that their actions and behaviours are representative of the department's values will be strong contenders for this position. Our Corporate Plan details the value sets of the department which are - honesty, courage, integrity, respect, openness, commitment, innovation.


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OTHER

POSITION STATUS State whether position forms part of the permanent structure: YES OR NO	YES				
FTE (e.g. 1, 0.5)	1				
ALLOWANCES / SPECIAL CONDITIONS Please mark X in the box for allowances and conditions applicable.	District Allowance		NW Leave		Air conditioning
	No Fixed Hours (Rangers only)		Ranger Leave (Rangers only)		Other - Please specify below:
SPECIALISED EQUIPMENT OPERATED Specify type of equipment, make and model operated i.e. 4WD.					
ANZSCO CODE (PSB will insert) State ASCO Code	2343				
WORKING WITH CHILDREN Please specify if this position requires a Working with Children check – please refer to http://www.checkwwwc.wa.gov.au/AboutWWCChecks/default.htm if this position works with children for further information on whether this will be required. YES OR NO	NO				

CERTIFICATION

- (i) The details contained in this document are an accurate statement of the duties, responsibilities and other requirements of the job.

BRANCH/DIVISION HEAD	DIRECTOR GENERAL
SIGNATURE: 	SIGNATURE:
DATE: 13 June 2011	DATE: