

Role Description

General information

Title:	Senior Research Officer			Classification:	PO2	
Division:	SARDI	Branch:	Aquatic Sciences		Business Unit:	Fisheries
Type of Appointment:	Term contract	Hours of Duty:	37.5	Location:	West Beach	

Purpose

The role contributes scientific support to delivering high-quality scientific information and advice to facilitate the sustainable management of fishery resources in South Australian waters, through successful and timely delivery of research, publishing stock assessment reports and articles in peer-reviewed scientific journals. The role contributes to the research assessments and projects overseen by the Crustacean Fisheries Sub-Program which includes estimating recreational fishing participation, catch and effort. The primary focus of the group is on the population dynamics and fisheries biology of key crustacean species. Fishery dependent and biological data are integrated in stock assessments that determine the status of harvested populations. The primary outputs are stock assessment reports that provide the scientific basis for fisheries management. Scientific findings are published in peer-reviewed reports, and national and international journals. Research findings are also communicated directly to PIRSA fisheries managers, fishery licence holders and national and international scientists through relevant steering committees, meetings, and conferences.

The role contributes delivering the agency's [priorities](#) including (1) Increasing productivity of our primary industries and agribusinesses (Stimulating Value Growth); (2) Securing production through biosecurity and efficient and sustainable use of resources (Sustaining the Resource); (3) Growing regions by supporting key regional development drivers and growing opportunities available to our regional communities; (4) Building partnerships with industry, stakeholders, research organisations and regional communities; and (5) preparedness to contribute to PIRSA's response and recovery obligations in emergency situations.

Key Accountabilities

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| <ul style="list-style-type: none"> Contributing to research to determine participation, catch and effort for the recreational fishing sector Contributing to research and stock assessment of Southern Australian fisheries and aquatic resources through fishery-dependent and independent programs Undertaking data entry, analysis, and data interpretation Coordinating data management and storage Coordinating and delivering fieldwork (including on commercial fishing vessels and SARDI vessels) | <ul style="list-style-type: none"> Developing and maintaining relationships with PIRSA Fisheries and Aquaculture and stakeholders in South Australia's Crustacean and Recreational fisheries. Developing collaborative linkages with researchers in similar institutions Upholding the ethical behaviour and professional integrity standards as contained in the Public Sector Act, 2009. Participating in PIRSA's Performance Management and Development Program. |
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Key Deliverables / Results

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| <ul style="list-style-type: none"> Crustacean fishery research reports are undertaken and delivered. High quality scientific information and advice is provided to PIRSA Fisheries and Aquaculture in relation to the sustainable management of South Australian finfish fisheries. Research presentations are provided to PIRSA Fisheries and Aquaculture and industry stakeholders. Outcomes of scientific research are presented both nationally and internationally and published in peer-reviewed journals. | <ul style="list-style-type: none"> Opportunities for attracting external funding are identified and pursued. Fieldwork and laboratory work undertaken and delivered |
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Relationships

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| <ul style="list-style-type: none"> Reports to Recreational Fishing Project Leader. Develops and maintains relationships with PIRSA Fisheries and Aquaculture, industry clients, stakeholder groups, other government departments, other research organisations. | <ul style="list-style-type: none"> Works closely with other staff in the Crustacean Fisheries Sub-Program and may also be required to work within other Fisheries sub-programs. Participates in working groups or committees as required. |
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Role Description

Requirements

- Regular intra-state and occasional inter-state travel.
- Regular work outside normal working hours.
- Possession of a current C class driver's licence and willingness to drive.
- May require field trips on research and commercial vessels.
- Willingness to complete additional training as required (e.g. coxswains).
- You acknowledge your [work, health and safety obligations](#) and [our expectations](#).

Qualifications

- Essential:
- Possession of a current Class C driver's licence and a willingness to drive.
 - A degree in Science with a major in fisheries, zoology or related discipline (or equivalent research experience) is required.
- Desirable:
- Coxswain certification or higher
 - ADAS commercial dive qualification

Capabilities

Refer to [PIRSA's Capabilities Framework](#) for guidance. Identify a maximum of four capabilities essential to carrying out the role. Each capability should have a maximum of three behaviours, with the exception of Professional and Technical Expertise, which may include up to six behaviours. Selections can be made from PIRSA's [Capabilities Dictionary](#).

Capability [maximum 4]	Behaviours
Professional & Technical Knowledge Demonstrates sound knowledge in fisheries research, biology and ecology of crustacean species, with in-depth knowledge in stock assessment; applies a sound understanding of knowledge in recreational fishing surveys.	• Maintains up to date knowledge in the fundamental principles underpinning recreational fishing surveys and fisheries stock assessment • Demonstrated ability to collect, collate, manage and analyse data, including publication of findings in technical reports and scientific journals. • Explains technical information accurately and clearly to non-technical people • Manages complex tasks in the area of fisheries research • Knows of industry issues and research priorities. Understands the broad directions of industry • Demonstrates a high level of numerical and statistical skills and a thorough knowledge of a diverse range of PC applications such as Microsoft Office (including Word, Excel, Access, Outlook and R)
Achievement orientation Sets targets to achieve results; motivates self and others to focused efforts meeting deadlines even when the timeframe is demanding.	• Sets priorities and allocates time and resources accordingly. • Works flexibly to meet deadlines • Enthusiastically delivers high quality materials, occasionally in unexpectedly short time-frames
Communication Communicates effectively with a wide range of people, adapting style to match the audience and the situation; communicates complex ideas clearly, coherently, fluently and articulately, both verbally and in writing.	• Communicates ideas and information in a form well matched to, and well received by staff at all levels • Presents own position and checks individual or group understanding through appropriate questioning and feedback • Shares information freely and is open to receiving information

Role Description

Initiative Identifying opportunities, anticipating problems and taking action; undertaking activities beyond the immediate job requirements	• Produces quality, innovative work without constant supervision • Recognises and acts confidently on opportunities to deal with potential problems • Acts proactively rather than reactively
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HRMS No:		ANZCO Code:		Objective ID:	
Delegate Approval:	[Name] [Role Title]			Date:	
Approved and Classified by People and Culture:	[Date] [Reference Number]				