



## **DUTY STATEMENT**

### **Job Details**

Job No:	<Allocated by Recruitment Services>
Title:	Quantitative Scientist
Classification:	EL1
Division:	Bureau of Rural Sciences
Branch:	Climate Change, Water and Risk Sciences
Section:	Risk Sciences
Location:	ACT
Job is accountable to:	EL2
Employment Status:	Non-ongoing
Hours:	Full-time
Security Assessment:	Protected
Gazette Job Category:	Research, Science – Engineering – Technical

### **Environment**

The Bureau of Rural Sciences (BRS) is the scientific bureau of the Department of Agriculture, Fisheries and Forestry. At the interface between science and policy, BRS is an essential part of the Government's capacity for integrated evidence-based policy development. The BRS mission is to deliver effective, timely, policy-relevant scientific advice, assessments and tools for decision-making to promote more sustainable, competitive and profitable Australian agricultural, food, fisheries and forestry industries.

### **The Job**

Individually or as a member of a team, carry out a range of research functions including:

1. Undertake scientific research projects and quantitative analysis relating to agricultural, food, fisheries and forest industries and natural resource management.
2. Provide the Department, other BRS programs and other relevant organisations with authoritative scientific advice.
3. Prepare reports, papers and oral presentations to support evidence-based policy.
4. Liaise with stakeholders in other BRS programs, and with Commonwealth, State and non-Government organisations pursuant to the above duties, and represent the Bureau and the Department at meetings and workshops.
5. Manage project resources including staff and finances.

We are looking for a person with strong quantitative skills who can perform statistical data analysis, formulate mathematical or computer models, and write clear and concise reports.

## **Selection Criteria**

Applicants should consider each of the following selection criteria as they will be asked at interview to provide examples against the criteria to demonstrate their ability to perform the duties of the position.

### **Criterion 1: Supports strategic thinking**

- gathers and critically investigates scientific information and data
- draws accurate and logical conclusions based on this information and data

### **Criterion 2: Achieves Results**

- contributes own scientific expertise and applies external expertise to achieve effective outcomes
- demonstrated ability to efficiently undertake and manage projects delivering scientific advice to clients on time

### **Criterion 3: Cultivates productive working relationships**

- builds and sustains positive relationships with, and is responsive to, the needs of stakeholders and clients
- demonstrated ability to work across a range of subject areas
- demonstrated ability to work independently or to provide leadership as part of a small multi-disciplinary team

### **Criterion 4: Displays personal drive and integrity**

- persists with, and focuses on, achieving objectives despite adversity
- shows initiative and is proactive in project planning
- provides impartial and forthright advice

### **Criterion 5: Communicates with influence**

- tailors communication styles appropriately
- ability to formulate scientific advice for non-technical audiences
- understands relevant stakeholders' expectations and concerns

### **Criterion 6: Demonstrates professional or technical proficiency**

- demonstrated capacity and achievement in quantitative analysis, with the ability to implement quantitative algorithms in computer code
- a broad understanding of the public policy process and public policy implications of scientific advice, particularly for issues related to agriculture, fisheries or forestry

### **Criterion 7:**

- Demonstrated understanding of, and commitment to, effective leadership and management of OH&S and rehabilitation issues and an understanding of the concept of workplace diversity and its contribution to effective organisational performance

## **Qualifications/Special requirements**

Applicants should hold a science degree with qualifications or relevant experience in statistics, mathematics and/or computer programming. Experience in fisheries stock assessment and/or biosecurity risk analysis is highly desirable.

## **Security Assessment**

The successful applicant must hold or obtain and maintain a security clearance to the level of Protected.

**Contact**

For more information about the position please contact Jean Chesson on 02 6272 5893.

**Closing Date**

Applications close: Insert