# Research Scientist – Role Statement

**Classification** APS Level 6 (Policy & Technical) - $82,346 - $93,713

**Division** ABARES

**Branch** Several

**Section** Various

Scientists in ABARES conduct research and analysis on issues affecting the agriculture, fisheries, forestry, biosecurity, and/or natural resource sectors to assist policy development and natural resource management. A key focus is analysing the state, condition, change and sustainable management of natural resources that underpin the productivity, profitability and international competitiveness of Australia’s agriculture, fisheries and forestry industries, and the associated people and communities that depend on them. Research and analysis is based on quantitative and qualitative analysis of data, including spatial data, and always involves the rigorous application of scientific thinking. We also provide scientific data, maps, advice, briefing and applied scientific policy analysis on a range of issues affecting agriculture, fisheries, forestry, biosecurity and natural resource management.

The successful candidates will conduct scientific research and analysis to understand and analyse the management of the natural resources that underpin the productivity, profitability and international competitiveness of Australia’s agricultural, fish and forest industries, and the protection of these natural resources and industries from biosecurity threats. This includes compilation of data, including spatial data, on the state of these resources and trends over time, and the synthesis, analysis and interpretation of these data for government and industry. They will work with other scientists, policy advisers and researchers from other disciplines to provide integrated research and advice.

Successful candidates will have already taken the first steps in their scientific career, and will have some initial experience of undertaking scientific analyses for, and providing scientific advice to, government, industry or resource management agencies. Their personal attributes, qualifications and early career experience will demonstrate excellence in scientific thinking, and an ability to apply analysis of scientific data (including quantitative, qualitative or spatial analysis) to interpreting and solving real-world problems.

The candidates we are looking for can demonstrate strong research skills, and a developing ability to write logically and present scientific research and analysis to diverse audiences. They will have the skills necessary for handling and analysing data, experience with spatial data, quantitative or qualitative data, and an interest in working with others to develop and apply scientific analyses that deliver insights on policy and management issues relating to natural resources and their dependent industries.

At this level candidates would be expected to show emerging signs of leadership in their roles, and be proactive in planning and undertaking research. They will be capable of preparing complex documents to a high standard, and are expected to be able to work under limited direction. They will be willing and able to assist junior staff to achieve their development goals. They will have some experience demonstrating the personal skills and attributes necessary to represent ABARES among industry and government stakeholders. They will demonstrated a passion for learning and working in high-energy teams to explore and interpret complex issues with tight deadlines.