# Position Details

## Research Scientist/Engineer- CSOF5

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| The following information is for applicants |
| Advertised Job Title | Agricultural Systems Economist |
| Job Reference | 71029 |
| Tenure | Specified Term of 3 years  |
| Salary Range | AU$98,735\_ to AU$106,848 pa (pro-rata for part-time) + up to 15.4% superannuation |
| Location(s) | Waite Campus, Adelaide |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | All Candidates |
| Position reports to the | Group Leader |
| Client Focus – Internal | 40% |
| Client Focus – External | 60% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Rick Llewellyn via email at rick.llewellyn@csiro.au or phone +61 8 83038502 |
| How to apply | Apply online at <https://jobs.csiro.au/> Internal applicants please apply via **Jobs Central**If you experience difficulties when applying, please email careers.online@csiro.au or call 1300 984 220. |

### Role Overview

CSIRO Agriculture and Food are seeking a highly energetic and impact-oriented Agricultural Systems Economist to join the Adelaide-based group. This important role will involve working on exciting existing projects and development of innovative new project areas that underpin resilient and profitable agricultural businesses. CSIRO’s agricultural systems research capability is in strong demand for its innovative and industry-aware work on managing the dual goals of increased productivity and the management of risk. There is an emphasis on identifying and evaluating innovations with potential for economic impact through industry adoption. As an agricultural systems economist you will be part of multi-disciplinary research and industry teams, applying and developing economic approaches and systems analysis tools to solve important agricultural problems. Our work is conducted at national, regional and international scales, in close collaboration with farmers, agricultural advisors, agribusiness and partner RD&E agencies, with the aim of achieving impactful research outcomes.

### Duties and Key Result Areas:

* Under limited direction, assist in the planning and preparation of research proposals and carry out research investigations, requiring originality, creativity and innovation.
* Work collaboratively as part of a multi-disciplinary, often regionally dispersed research team, and business unit to carry out tasks in support of CSIRO’s scientific objectives.
* Present results in a meaningful format, prepare reports for clients and/or write papers for publication.
* Liaise with clients to determine their needs and take personal responsibility for client satisfaction.
* Drawing on professional expertise, knowledge of other disciplines and research experience, recognise opportunities for innovation and generate new theoretical perspectives by pursuing new ideas/approaches and networking with scientific colleagues across a range of disciplines.
* Address problems promptly and in a constructive manner, selecting and detailing the most profitable lines of attack upon a problem.
* Communicate openly, effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Making Safety Personal goals.

## **Required Competencies:**

* **Teamwork and Collaboration:** Cooperates with others to achieve organisational objectives and may share team resources in order to do this. Collaborates with other teams as well as industry colleagues.
* **Influence and Communication:** Uses knowledge of other party's priorities and adapts presentations or discussions to appeal to the interests and level of the audience. Anticipates and prepares for others reactions.
* **Resource Management/Leadership:** Allocates activities, directs tasks and manages resources to meet objectives. Provides coaching and on the job training, recognises and supports staff achievements and fosters open communication in the team.
* **Judgement and Problem Solving:** Investigates underlying issues of complex and ill-defined problems and develops appropriate response by adapting/creating and testing alternative solutions.
* **Independence:** Plans, sets and works to meet challenging standards and goals for self and/or others. Recognises where endeavours will make the most impact or difference, decides on desired outcome and sets realistic goals to reach this target.
* **Adaptability:**Copes with ambiguity or situations that lack clarity. Adapts readily to changing circumstances and new responsibilities (which may include activities outside own preferences) in the interests of achieving team objectives. Recognises the need for and undertakes personal development as a result of changes.

## **Selection Criteria**

#### Essential

*Under CSIRO policy only those who meet all essential criteria can be appointed.*

1. A doctorate and or equivalent research experience in a relevant discipline area, such as agricultural economics.
2. Demonstrated experience in agricultural economics as applied to farming systems and agri-business.
3. Demonstrated experience in the analysis of agricultural systems and innovations.
4. Demonstrated ability to take resourceful and innovative approaches to solving problems and delivering novel outcomes
5. Demonstrated ability to communicate and deliver research findings to end-users including agricultural industry stakeholders.
6. A proven track record of publishing research findings

## **Desirable:**

1. Understanding and experience in innovation systems and adoption of innovations
2. Experience in research and development relevant to southern Australian agricultural systems

Special Requirements

Appointment to this role may be subject to conditions including provision of a national police check as well as other security/medical/character clearance requirements.

## **About CSIRO:**

We solve the greatest challenges through innovative science and technology. To find out more visit us [online](http://www.csiro.au/)!

Find out more about CSIRO [Agriculture and Food](https://www.csiro.au/en/Research/AF)