## Position Details

Administrative Services – CSOF3

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| The following information is for applicants |
| Advertised Job Title | Economic Consultant |
| Job Reference | 98941 |
| Tenure | Specified Term of 3 years Full-time  |
| Salary Range | AU$73,567 AU$93,630 pa (pro-rata for part-time) plus 15.4% superannuation |
| Location(s) | Melbourne, Sydney, Brisbane (all hybrid of office + working from home) |
| Applications are open to | Australian / New Zealand Citizens and Australian Permanent Residents |
| Position reports to the | Senior Technical Modelling Manager, CSIRO Futures |
| Client Focus – Internal | 50% |
| Client Focus – External | 50% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Angus Grant via email at angus.grant@csiro.au |
| How to apply | Apply online at <https://jobs.csiro.au/> . You will be asked to upload a CV and Cover Letter. Your Cover Letter must address the selection criteria. Internal applicants please apply via **Jobs Central**If you experience difficulties when applying, please email careers.online@csiro.au or call 1300 984 220. |

**Acknowledgement of Country**

CSIRO acknowledges the Traditional Owners of the land, sea and waters, of the areas that we live and work on across Australia. We acknowledge their continuing connection to their culture and pay our respects to their Elders past and present. View our [vision towards reconciliation](https://www.csiro.au/en/about/Indigenous-engagement/Reconciliation-Action-Plan).

**Child Safety**

CSIRO is committed to the safety and wellbeing of all children and young people involved in our activities and programs. View our [Child Safe Policy](https://www.csiro.au/en/about/policies/child-safe-policy).

**Role Overvie*w***

[CSIRO Futures](https://www.csiro.au/en/Showcase/CSIRO-Futures) is the strategic and economic advisory arm of CSIRO – Australia’s national science agency.

**Why join CSIRO Futures?**

* Work on globally impactful challenges – We work with forward thinking industry and government customers to tackle the world’s most important challenges, including sustainable food production, energy transition, and resilient healthcare systems.
* Unparalleled access to scientific expertise – CSIRO sits at the cutting edge of science and technology. CSIRO Futures has direct access to over 5,000 world leading researchers and technologists to ensure our insights are deeper and more evidence-based than other consultancies.
* Innovate for Australia’s future – We draw on our extensive consulting and quantitative analysis capabilities to identify growth opportunities in existing and emerging industries and develop strategies for how Australia can pursue them.
* Professional development – Beyond CSIRO’s commitment to dedicated learning and development days, the complex and multi-stakeholder nature of CSIRO Futures projects provides significant senior leadership and management experience compared to other consultancies.
* Flexible working arrangements – Our team offers a variety of flexible working arrangements including working from home.

**The Position**

The Economic Consultant will support the delivery of the quantitative modelling components of industry strategy studies and bespoke advisory projects aimed at informing decisions made by senior government and industry leaders. Typically, projects will focus on understanding science and technology-enabled opportunities in a particular industry and quantifying the market size or cost of emerging and existing technologies and/or industries. The Economic Consultant will primarily support these projects through data collection, analysis and modelling, report writing and attending meetings with clients and stakeholders.

## **Duties and Key Result Areas:**

* Undertake market sizing and empirical analysis of long-term trends and emerging technologies on the economy and key industries, with a focus on industry revenue and employment impacts.
* Undertake cost driver analysis including modelling a simplified technical process to understand how the costs of each input feed into the final output cost, and comparing costs for different technology options.
* Gather, understand, analyse and synthesise large amounts of information from disparate sources into logical, robust quantitative and qualitative insights and conclusions.
* Extract information from client and industry workshops and interviews.
* Communicate succinctly and professionally in the provision of rigorous quantitative analysis to senior decision makers and peers within and outside of CSIRO, providing detailed and accurate information/reports based on robust and transparent evidence.
* Assist with the creation of professional-quality client-facing project deliverables including presentations, written reports and other communications tools.
* Actively develop an understanding of CSIRO and its key science domains to determine the most appropriate information sources and guide pertinent analysis and reporting.
* Contribute to the growth and effective functioning of the Futures team.
* Adhere to the spirit and practice of CSIRO’s Values, Code of Conduct, Health, Safety and Environment procedures and policy and diversity initiatives.
* Other duties as required.

## **Required Competencies:**

* **Teamwork and Collaboration:** Proactively seeks and considers the ideas and opinions of others from within and outside the team to help form decisions, plans or actions.
* **Influence and Communication:** Puts forward ideas by presenting factual information supported by data, definitions, examples, illustrations or other aids, which will assist in conveying meaning.
* **Resource Management/Leadership:** Provides instruction and assists other staff to complete allocated tasks and activities.
* **Judgement and Problem Solving:** Identifies and considers the implications of a range of available alternatives in order to select the most appropriate response to problems of a familiar or recurring nature.
* **Independence:** Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).
* **Adaptability:**Willingness to change ideas or perceptions based on new information, contrary evidence or other people's points of view. Prepared to try out different approaches.

## **Selection Criteria**

#### Essential

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

1. A degree in economics, engineering or another relevant discipline.
2. Experience working in a consulting firm or related university experience (e.g. consulting case competition).
3. Experience applying cost-benefit modelling principles using ambiguous and complex quantitative and qualitative data to understand the impact of trends (such as emerging science and technology developments) on markets and key Australian economic indicators.
4. Demonstrated ability in applying quantitative analysis to support business strategy and investment decision making.
5. Demonstrated experience or interest in science and technology.
6. Excellent oral communication skills and experience generating professional quality client-facing written reports and deliverables that clearly communicate quantitative analysis and key insights to a senior executive-level audience. This includes the ability to present a clear narrative to help communicate challenging or contentious ideas to fellow team members and clients.
7. Strong interpersonal skills with a demonstrated ability to work effectively in a team environment and to identify and build positive relationships with internal and external stakeholders.

## **Desirable:**

1. Experience analysing new technologies, technological adoption and diffusion, developing technology strategies or roadmaps, or explaining the benefits of technology in economic or business terms.
2. Experience delivering quantitative analysis in at least one of the following areas: science and technology, research and development, macroeconomic analysis, labour market analysis, investment attraction, and the future of work.
3. Experience in sensitivity analysis, scenario analysis, forecasting, input-output and/or general equilibrium models.
4. Experience using programming and data analysis languages such as R or Python to work with large datasets, identify insights or build simple models.
5. Experience using geographic information system (GIS) tools such as QGIS to manipulate and analyse geospatial data.

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.

* The successful candidate will be asked to obtain and provide evidence of a National Police Check or equivalent. Please note that people with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.

## **About CSIRO:**

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

Please see the detailed write ups of the market sizing, cost driver analysis, and other quantitative analysis methodologies in the appendices of the team’s reports, available via the [CSIRO Futures webpage](https://www.csiro.au/en/work-with-us/services/consultancy-strategic-advice-services/csiro-futures).

CSIRO is a values-based organisation. We expect our employees to demonstrate behaviours aligned to our values of:

• People First

• Further Together

• Making it Real

• Trusted