# Position Description

## Research Projects – CSOF3

The following information is for applicants

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| Advertised Job Title**:** | Research Technician (Geochemistry/Microbiology/Geology) |
| Job Reference: | 60580 |
| Salary Range: | $62,654 to $$79,741 plus up to 15.4% superannuation |
| Location: | Sydney |
| Tenure: | Indefinite/Ongoing |
| Relocation Assistance**:** | Will be provided to the successful candidate if required |
| Applications Are Open To: | Australian Citizens Only  Australian/New Zealand Citizens and Australian Permanent Residents Only   * All Candidates |
| Percentage of Client Focus - Internal: | 40% |
| Percentage of Client Focus - External: | 60% |
| Reports to the: | Reservoir Characterisation Team Leader |
| Number of Direct Reports: | 0 |
| Name and Contact Details For Applicant Enquiries | Dr David Midgley via email: David.Midgley@csiro.au or phone: +61 2 9490 5062 |
| Contact Details For Applying | Call 1300 984 220 or email [careers.online@csiro.au](mailto:careers.online@csiro.au). |
| How to Apply: | Please apply online at [jobs.csiro.au](https://jobs.csiro.au/) and enter the requisition number**.** Internal applicants please apply via ‘Jobs Central’ through the ‘People Hub’ icon |

## Role Overview:

Research Projects staff in CSIRO collaborates in scientific and technological activities with other research staff usually by assisting with detailed planning, undertaking or assisting with experimental, observational or technology development work, and in carrying out the more practical aspects of the work.

The Research Technician will support scientific research in a diverse range of laboratory and field situations across a range of different research projects. Work undertaken by this role supports accepted technical practice and the development of new practice.

## Duties and Key Result Areas:

* Take responsibility for the execution of a wide range of research support tasks in analytical chemistry, geology and microbiological laboratories;
* Validate original experimental methods and equipment in support of existing and further research.
* Operate and maintain laboratory instrumentation, analytical equipment and its software.
* 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.
* Work collaboratively with colleagues within your team, the business unit and across CSIRO, to reach objectives.
* Provide instruction on activities pertaining to the immediate work area and responsibilities, as required.
* Provide instruction and assist other staff to complete allocated tasks and activities.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals.
* Other duties as directed.

## Competencies:

1. **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.**
2. **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.**
3. **Resource Management/Leadership: Provides instruction and assists other staff to complete allocated tasks and activities.**
4. **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.
5. **Independence: Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).**
6. **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:

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

1. Relevant TAFE certificate/Diploma in Laboratory Techniques/Skills or Bachelor’s degree or equivalent relevant work experience.
2. Demonstrated experience in analytical chemistry (wet chemistry techniques and complex analytical processes).
3. Demonstrated experience in a large range of scientific instrumentation/techniques/methods together with a willingness to learn new techniques.
4. Demonstrated experience in scientific record keeping.
5. The ability to work effectively as part of a multi-disciplinary team and complete tasks under the direction of Scientific Researchers.
6. Field work experience and a current Australian Driver’s licence.
7. Demonstrated ability to communicate in a fluent and courteous manner, both orally and in writing.

## Desirable Criteria:

1. Experience in geology.
2. Experience in working with gases and with Swagelok gas fittings.
3. Experience with microbiology techniques and anaerobic microbes.
4. Experience with working at remote field sites.

## Special Requirements:

To be eligible for this position you must be physically able to undertake specific non-negotiable activities in a laboratory environment (i.e. prolonged standing, noise affected environment, cold environment, etc.)

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**CSIRO Energy**

CSIRO Energy aims to deliver by 2020 technology options and science that will enhance Australia’s economic competitiveness and regional energy security while enabling the transition to a lower emissions energy future.

Find out more about CSIRO [Energy](https://www.csiro.au/en/Research/EF)