# Position Details

## Research Projects- CSOF4

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| The following information is for applicants | |
| Advertised Job Title | Research Projects Officer - Biogeochemical Tracers |
| Job Reference | 90689 |
| Tenure | Indefinite, Full-time |
| Salary Range | AU$89,680-$101,459 per annum (pro-rata for part-time)  plus up to 15.4% superannuation |
| Location(s) | Hobart, TAS |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian/New Zealand Citizens and Australian Permanent Residents |
| Position reports to the | Team Leader |
| Client Focus – Internal | 50% |
| Client Focus – External | 50% |
| Number of Direct Reports | 0 |
| Enquire about this job | Sharon Hook via email at Sharon.Hook@csiro.au or phone +61 3 6232 5457 |
| 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](mailto: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).

### Role Overview

The role of Research Projects staff in CSIRO is to collaborate 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.

As part of the Biogeochemical Tracers team, the successful candidate will balance multiple roles and multidisciplinary projects, including work with the provenance of agricultural and fisheries products, carbon locking, and ensuring environmental sustainability.

### Duties and Key Result Areas

* Under general direction, contribute to research and/or technology through the development of original and adapted experimental methods, equipment or software.
* Undertake a wide variety of tasks or tasks with a high degree of specialisation.
* Show initiative to seek new approaches to meet experimental or technological needs when encountering new problems where methods are not defined.
* Participate in the identification and definition of research and/or technological problems with colleagues.
* Liaise with clients to determine their needs and take personal responsibility for their satisfaction.
* Participate in planning projects and accept responsibility for scheduling and completion of major parts of the project, including evaluation of options, experimental design, data collection and analysis, user and customer research, user experience and/or software design, implementation and delivery.
* Make significant contributions to the interpretation and communication of research or technological results and may collaborate on drafting presentations to, and/or detailed written reports for, clients and the scientific and/or technology community.
* Work collaboratively as part of a multi-disciplinary, regionally dispersed research team to carry out tasks in support of CSIRO’s scientific objectives.
* Other duties as directed.

## **Selection Criteria**

#### Essential

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

1. To oversee sample preparations and analyse samples for bulk tissue, compound specific analysis and dissolved gas isotopic composition of 13C and, 15N.
2. Operation and maintenance of the Isotope Ratio Mass spectrometer (IRMS) and the n the GC and combustion interface, -IRMS, Gas Bench-IRMS, and elemental analyser (EA)-IRMS.
3. To process the raw data (data collation, calibration, QA) and provide interpretation of the results for samples listed in objective (a) to produce quality-controlled results.
4. To provide quality-controlled results/data summaries to project leaders/clients/collaborators requesting analyses.
5. To contribute and produce high quality scientific and technical reports, journal articles, conference papers and presentations. Help facilitate, train, and supervise collaborators/clients/students using equipment.
6. To communicate with the finance team for the journaling of internal projects. Manage samples received in the GC-GC-IRMS laboratory, including completion of Fast Track agreements for external clients, management of milestones in O2D, and invoicing for work completed.
7. Ability to identify appropriate methodology for new research areas, for example to utilize biogeochemical approaches to address efficacy of carbon dioxide removal.
8. To participate in and help organise field work (terrestrial and on-water).
9. QC, format and enter data and metadata from remote sensing databases into national and international databases.
10. Experience working in a PC2 environment.
11. Familiarity with Relevant HSE requirements for both laboratory-based work and field work.
12. Familiarity with microbial genomics techniques.
13. Ability to work as part of a multidisciplinary team.

## **Desirable**

1. Familiarity with R.

## **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:** Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).
* **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.

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. Visit [CSIRO Online](http://www.csiro.au/) and [Oceans and Atmosphere](https://www.csiro.au/en/Research/OandA) for more information.

CSIRO is a values-based organisation.  In your application and at interview you will need to demonstrate behaviours aligned to our values of:

* People First
* Further Together
* Making it Real
* Trusted