# Position Details

## Research Projects- CSOF3

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| The following information is for applicants |
| Advertised Job Title | Field Technician – Material Fluxes |
| Job Reference | 71070 and 71081 |
| Tenure | Two positions:- Specified Term of 3 years (Full-time)- Specified Term of 18 months (Full-time) |
| Salary Range | AU$63,594 to AU$80,937 pa (pro-rata for part-time) + up to 15.4% superannuation |
| Location(s) | Townsville, QLD  |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian/New Zealand Citizens and Australian Permanent Residents Only |
| Position reports to the | Team Leader - Material Fluxes |
| Client Focus – Internal | 20% |
| Client Focus – External | 80% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Aaron Hawdon via email at: Aaron.Hawdon@csiro.au or Contact Rebecca Bartley via email at: Rebecca.Bartley@csiro.au  |
| 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

Research Projects staff in CSIRO 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.

The Material Fluxes Team quantify changes in water, soil, nutrients and vegetation to evaluate the influence of land management on the environment and the cost effectiveness of modifying management practices. The two Field Technician positions will work with the team by providing technical expertise that focuses on the testing and implementation of monitoring programs, automated field installations, manual data collection and data management in terrestrial, freshwater and marine settings.

### Duties and Key Result Areas:

* Participate in planning projects and accept responsibility for the scheduling and completion of major parts of projects.
* Support and maintain automated field and laboratory-based measurement systems and long-term field data collection sites suited to the needs of scientific research projects.
* Test and calibrate environmental sensors and measurement systems using standard or adapted experimental methods to provide reliable, high quality measurement data.
* Maintain detailed, accurate records of field and laboratory operations to support complex technical and scientific investigations.
* Follow and adapt QA/QC processes to ensure the integrity of monitoring data is maintained through every stage of the research process.
* 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.
* Work in remote environments often for extended periods to undertake field sampling using protocols agreed by the project team.
* Make 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.
* 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.

## **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. Relevant bachelor’s degree or equivalent relevant work experience in Environmental Science/ Engineering.
2. Demonstrated ability to develop experimental procedures for laboratory and field-based operations.
3. Experience with environmental sensors, data recording systems, vegetation surveys and instrument deployment methodologies.
4. Demonstrated ability to work in a team environment or independently as required.
5. Experience and willingness to undertake fieldwork and ability to travel away from Townsville for extended periods (sometimes up to 2 weeks).
6. Will need to hold a valid driver’s licence.

## **Desirable:**

1. Experience in the management and analysis of large datasets.
2. Experience with scientific and technical reporting.
3. 4WD training or experience and First Aid certification.

Special Requirements

Appointment to this role is subject to conditions including:

* 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.
* The successful candidate will be required to undertake a pre-employment medical examination prior to commencement.

## **About CSIRO:**

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

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

Find out more about CSIRO [Land and Water](https://www.csiro.au/en/Research/LWF)