# Position Details

## Research Projects – CSOF3

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| The following information is for applicants |
| Advertised Job Title | Research Projects Officer – Field and Data Technician |
| Job Reference | 94027 |
| Tenure | Specified Term of 3 years Full-time |
| Salary Range | AU$68,148 – AU$86,733 per annum plus 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 Jordan Marano via email at Jordan.Marano@csiro.au or phone +61 457 086 837 |
| 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. |

**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 Overview

Research Project 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 technological development work, and in carrying out the more practical aspects of the work.

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

### Duties and Key Result Areas

* Support a range of field work-based projects, which would include field work preparation, HSE documentation, sample collection, data processing and data management.
* Maintain detailed, accurate records of field and laboratory procedures and data management systems to support complex technical and scientific investigations. This includes applying QA/QC processes to ensure the integrity of monitoring data is maintained throughout every stage of the research process.
* Develop maps and figures for reports using field-based data and spatial analysis.
* Work collaboratively as part of a multi-disciplinary, often regionally dispersed research team, 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.
* 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 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.*

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1. Relevant bachelor’s degree or equivalent relevant work experience in Environmental Science/ Engineering.
2. Demonstrated ability to follow experimental procedures for laboratory and data management that link to field-based operations.
3. Demonstrated experience with basic data management systems (including but not limited to MS Office Software).
4. Existing knowledge and familiarity with spatial mapping platforms e.g., ESRI ArcGIS and/or QGIS and/or willingness and aptitude to learn these systems.
5. Demonstrated ability to work in a team environment or independently as required.
6. Willingness to undertake fieldwork and ability to travel away from Townsville for extended periods (sometimes up to 2 weeks).
7. Will need to hold a valid driver’s licence.

## **Desirable:**

1. Experience in the management and analysis of large datasets and using e.g., R or Python, SQL, PostgreSQL.
2. Experience with scientific and technical reporting.
3. 4WD training or experience and First Aid certification.

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Special Requirements

Appointment to this role is subject to provision of a pre-employment background check and may be subject to other security/medical/character clearance requirements.

* The successful candidate will undertake a pre-employment background check. Please note that individuals 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. Visit [CSIRO Online](http://www.csiro.au/) and CSIRO [Environment](https://www.csiro.au/en/about/people/business-units/Environment) 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