# Position Description

## Research Projects – CSOF3

The following information is for applicants

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| Advertised Job Title**:** | Graduate Groundwater Hydrologist |
| Job Reference: | 62105 |
| Relocation Assistance**:** | Will be provided to the successful candidate if required. |
| Applications Are Open To: | Australian/New Zealand Citizens and Australian Permanent Residents Only |
| Percentage of Client Focus - Internal: | 0% |
| Percentage of Client Focus - External: | 100% |
| Reports to the: | Team Leader, Regional Scale Groundwater Analysis |
| Number of Direct Reports: | 0 |
| Name and Contact Details For Applicant Enquiries | Dr Russell Crosbie  Phone: 08 8303 8751  Email: [russell.crosbie@csiro.au](mailto:russell.crosbie@csiro.au) |
| 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  Please do not email your application directly to Russell Crosbie. Applications received via this method will not be considered. |

## 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.

This position will support the Project Leader of the $30.4m Geological and Bioregional Assessment Program to assess the potential impacts of shale and tight gas development on water and the environment (<https://www.bioregionalassessments.gov.au/geological-and-bioregional-assessment-program>). This role will incorporate a mix of tasks with the project management team and the groundwater team.

## Duties and Key Result Areas:

* Reporting and analysis of groundwater modelling and field investigations.
* Preparation of program communication materials and project management support.
* 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.
* Undertake and complete tasks under technical direction, working with discretion to decide on the timing of operations within the work team’s plan and planning ahead to meet experiment and/or project demands.
* Respond courteously and efficiently to client requests, maintaining clear communication regarding mutual expectations and monitoring client satisfaction.
* 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.

## 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. Bachelor’s degree with honours in science or engineering in a field related to groundwater hydrology or relevant work experience.
2. Demonstrated ability to analyse and visualise groundwater data in a variety of software packages, e.g. spatial analysis in ArcGIS, statistical analysis in R, visualisation in Python.
3. Demonstrated ability in aspects of project management e.g. scheduling work and monitoring tasks in Microsoft Project, preparing agendas and minutes of meetings, using databases to keep track of data and citations.
4. Demonstrated ability to effectively communicate with a variety of stakeholders, e.g. clients in government, partners in industry and colleagues in other science organisations.

## Desirable Criteria:

1. Knowledge of the groundwater systems associated with the onshore gas industry in Australia
2. Knowledge of Risk Assessment principles
3. Knowledge of ecohydrology

## About CSIRO:

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