# Position Details

## Research Projects- CSOF6

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| The following information is for applicants | |
| Advertised Job Title | National Planning and Engagement Lead – AusCalVal Facility |
| Job Reference | 84641 |
| Tenure | Specified term to 30 June 2025).  Full-time or Part-time (minimum 0.8FTE). |
| Salary Range | AU$117k - AU$138k pa (pro-rata for part-time) + up to 15.4% superannuation |
| Location(s) | Canberra (ACT), Adelaide (SA) or Perth (WA) |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian Citizens Only |
| Position reports to the | Manager, AusCalVal Facility, CSIRO Space & Astronomy |
| Client Focus – Internal | 20% |
| Client Focus – External | 80% |
| Number of Direct Reports | ~2 (tbd) plus contractors |
| Enquire about this job | Alex Held via email: [Alex.Held@csiro.au](mailto:Alex.Held@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](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 **National Planning and Engagement Lead – AusCalVal Facility** is a leadership role in an exciting new program of Earth observation activities being established to support the implementation of the recently released Australian Government [Earth Observation from Space Roadmap](https://www.industry.gov.au/data-and-publications/earth-observation-from-space-roadmap-2021-2030) (‘EO Roadmap’), including the National Space Mission for Earth Observation (NSMEO).

The **National Planning and Engagement Lead – AusCalVal Facility** supports the Manager AusCalVal Facility in the planning and implementation of the AusCalVal Facility, and leads critical cross-agency national engagement and coordination of activities on satellite calibration and validation. These involve collaborations with cal/val experts in Australia’s Earth observation research and industry community, including those that operate key cal/val sites across Australia. The AusCalVal National Planning and Engagement Lead, will also coordinate joint activities between AusCalVal and relevant NCRIS Facilities (eg TERN and IMOS), that already operate science infrastructure for satellite calibration and that conduct derived satellite data product validation activities.

The NSMEO program will build sovereign space industry capability through the design, construction, launch and ongoing operation of several new Earth observation satellites. These will be procured by the Australian Space Agency, operated by Geoscience Australia, and CSIRO will support the calibration of the satellites. CSIRO will lead the development and maintenance of a national network of several new ground-based satellite calibration and validation sites across Australia. This infrastructure network will support domestic and international operators to calibrate their satellites and verify the data they collect to ensure its accuracy.

CSIRO is home to extensive Earth observation (EO) science and research capabilities across the organisation, and operates satellite data analytics platforms, satellite calibration infrastructure and the Australian share of the NovaSAR-1 satellite. CSIRO has established and operated Earth Observation satellite calibration sites across Australia for over 15 years, including for example in Pinnacles in Western Australia and Lucinda in Queensland.  CSIRO aims to continue to grow this capability in support of the NSMEO, through further development of the AusCalVal Facility. This will be done in close collaboration with participating Commonwealth Agencies and the Earth Observation community and aims to fulfill the vision of the recently published [AusCalVal Report](https://frontiersi.com.au/wp-content/uploads/2021/05/FrontierSI_AusCalVal_27052021_Final.pdf.pdf) that was produced by CSIRO and Australia’s Earth observation community.

CSIRO Space and Astronomy is committed to providing a safe and inclusive workplace culture and implementing initiatives to improve diversity and equity within our workplace. This role is offered on a full‐time or part‐time (minimum 0.8 FTE) basis.

### Duties and Key Result Areas

* Support planning and progressive implementation of the national AusCalVal facility and associated partnerships across Australia.
* Coordinate collaborations with prospective AusCalVal technical and science partners operating regional calibration sites across Australia.
* Coordinate specialised satellite data product validation activities involving AusCalVal team members and other government and research organisations.
* Undertake the required coordination, local approval processes and community engagement for establishment of new national AusCalVal sites across Australia.
* Engage with Australian satellite development teams (scientific and industry) that may require calibration services of their new EO satellites.
* Work collaboratively as part of a multi-disciplinary, regionally dispersed AusCalVal implementation team and associated contractors, to carry out tasks in support of CSIRO’s commitments and scientific objectives.
* Represent the organisation in external scientific or technological forums, as required.
* Promote, influence and adhere to the spirit and practice of CSIRO’s Values, Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Zero Harm goals.
* Liaise closely, effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Other duties as directed.

## **Selection Criteria**

#### Essential

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

1. A relevant bachelor’s or postgraduate degree or equivalent relevant work experience in science laboratory operations and/or associated infrastructure operations.
2. Proven multi-partner project and relationship management experience.
3. An understanding of Earth observation applications and associated calibration/validation needs.
4. A track record of developing and delivering new collaborative research or business opportunities.
5. Demonstrated high-level communication, negotiation and networking skills.

**Desirable**

1. Practical experience in the use of Earth observation data and scientific development applications for this data
2. Experience in the operation of field-based satellite data calibration/validation.

## **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 team as well as industry colleagues.
* **Influence and Communication:** Identifies critical stakeholders and influences them via an influential third party, for example through an established network, to gain support for sometimes contentious, proposals / ideas.
* **Resource Management/Leadership:** Sets up and maintains effective and efficient work teams and manages performance and resources, to achieve objectives. Chooses appropriate management strategies and communication styles to maintain high levels of motivation and productivity. Gives feedback for development purposes and provides support and direction for improvement.
* **Judgement and Problem Solving:** Anticipates and manages problems in ambiguous situations. Develops and selects an appropriate course of action and provides for contingencies. Evaluates, interprets and integrates complex bodies of information and draws logical conclusions, synthesises proposals and defends options with reasoned arguments.
* **Independence:** Assesses the risk and opportunity of identified strategies, options and actions. Overcomes problems and setbacks in achieving goals. Invariably includes consideration of value-added future impact on bottom line when determining the optimal and efficient use of resources.
* **Adaptability:**Demonstrates flexibility in thinking and adapts to and manages the increasing rate of organisational change by adjusting strategies, goals and priorities.

Special Requirements

**The successful candidate will be:**

* Asked to obtain and provide evidence of a National Police Clearance or equivalent. Please note that individuals with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.
* Required to obtain and maintain a Baseline security clearance.
* Willing and able to travel interstate for partner meetings.
* The holder of a current Australian Class ‘C’ driver’s licence.

## **About CSIRO**

We solve the greatest challenges through innovative science and technology. Visit [CSIRO Online](http://www.csiro.au/) and [Space and Astronomy](https://www.csiro.au/en/Research/Astronomy) 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