

Senior Research Data Analyst

College/Division	College of Science and Engineering
School/Section	Institute for Marine and Antarctic Studies – Directorate
Location	Hobart
Classification	HEO7
Reporting line	Reports to Manager, Data and Information Systems
Date	July 2024

Position Summary

The University of Tasmania is building a vision of a place-based University with a mission to enhance the intellectual, economic, social and cultural future of Tasmania, and from Tasmania, contribute to the world in areas of distinctive advantage. The University recognises that achieving this vision is dependent on the people we employ as well as creating a people-centred University that is values-based, relational, diverse, and development-focused.

The [Institute for Marine and Antarctic Studies](#) (IMAS) is a world-class centre of excellence for innovative, relevant, and globally distinctive marine research and education at the University of Tasmania. The Data Management section within IMAS is responsible for management of data and information systems. This responsibility extends to including the formulation of relevant policy and strategies, conceptualisation and development of information systems, deploying and managing data and metadata repositories, and providing advice and support to the IMAS Directorate, staff, students, partners and major collaborations hosted at the University (e.g. SMRCA, NESP, ACEAS, AAPP).

The Senior Research Data Analyst provides a comprehensive information service related to data holdings at IMAS and partner organisations. This position is responsible for designing, implementing, and maintaining best practice, end to end data workflows for research data hardware and software infrastructure. Additionally, the position carries out associated curation protocols and practices.

The Research Data Analyst works closely with and provides expert advice to researchers from IMAS and partner organisations on the management, analytics, code optimisation, visualisation, and publishing of data collected or generated. The incumbent works closely with other institutional data and digital research service staff from the University's Information Technology Services and partner organisations including the Integrated Marine Observing System (IMOS), Southern Ocean Observing System (SOOS), Australian Antarctic Data Centre (AADC), Australian Research Data Commons (ARDC), and the National Computing Infrastructure (NCI).

We are an inclusive workplace committed to 'working from the strength that diversity brings' reflected in our Statement of Values. We are dedicated to attracting, retaining and developing our people and are committed to inclusive principles. We celebrate the range of diverse assets that gender identity, ethnicity, sexual orientation, disability, age and life course bring. Applications are encouraged from all sectors of the community. Tell us how we can make this job work for you.



What You'll Do

- Work with and provide expert advice to researchers across IMAS and partner organisations, continuing to ensuring the adoption of best data management practice, including adherence to FAIR principles and compliance with the Australian Code for Responsible Conduct of Research, and practically support researchers through the design and oversight of data workflows from concept to completion.
- Provide training and education to researchers regarding data management best practice, and relevant policies and procedures.
- Work closely with relevant IT and data management staff from the University and partner organisations such as IMOS, AADC, other AODN partners, OBIS, ARDC and NCI to ensure operational availability of complex IT hardware and software infrastructure.
- Support external users and stakeholders in accessing data published at IMAS.
- Provide support to relevant computer and data committees.
- Develop data visualisation tools, where possible based on existing infrastructure and data platforms.
- Provide expertise in managing and manipulating research datasets and in online SQL databases.
- Represent IMAS at relevant national and international meetings and travel to national data centres as necessary.
- Assist in developing strategic relationships with other relevant projects and organisations nationally and internationally.
- Provide timely reporting regarding IMAS data management.
- Undertake other duties as assigned by the supervisor.

What We're Looking For (success criteria)

- A tertiary qualification in a relevant field or an equivalent combination of relevant work experience and/or education training.
- An advanced understanding of best practice in data management including the FAIR data principles and management of sensitive data.
- Extensive experience in supporting and administering IT infrastructure and applications, preferably in a marine research facility.
- Extensive knowledge and experience working with large datasets and associated storage environments including SQL databases.
- Demonstrated experience and understanding of web applications, their design, development, and deployment.
- Well-developed collaboration and problem-solving skills.
- Well-developed organising and project-management skills.
- Demonstrated high level interpersonal and communication skills, both written and oral.
- Previous experience with Research Centres or similar multi-institutional collaborative ventures.
- Knowledge of national and international oceanographic, marine biological and polar data centres, organisations, and programs.

Other position requirements (delete those not applicable)

- Regular travel may be between campus is required to deliver research outcomes



University of Tasmania

The University of Tasmania is an institution with an enduring commitment to our state and community, and a strong global outlook. We are committed to enhancing the intellectual, economic, social and cultural future of Tasmania. Our [Strategic Direction](#) strongly reflects the University community's voice that our University must be place based but globally connected as well as regionally networked and designed to deliver quality access to higher education for the whole State.

We believe that from our unique position here in Tasmania we can impact the world through the contributions of our staff, students and graduates. We recognise that achieving this vision is dependent on the people we employ, as well as creating a university that is values-based, relational, diverse, and development-focused.

More information:

<https://www.utas.edu.au/jobs>

<https://www.utas.edu.au/careers/our-people-values-and-behaviours>

The intention of this position description is to highlight the most important aspects, rather than to limit the scope or accountabilities of this role. Duties above may be altered in accordance with the changing requirements of the position.

