Lecturer in Geographic Information Science and Remote Sensing

College/Division	College of Sciences and Engineering
School/Section	Geography, Planning and Spatial Sciences
Location	Hobart
Classification	Academic Level B
Reporting line	Reports to Head of School

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 culture 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.

We are seeking to appoint an ongoing Lecturer (Academic Level B) in Geographic Information Science and Remote Sensing in the School of Geography, Planning and Spatial Sciences is part of the College of Sciences and Engineering.

In the School of Geography, Planning, and Spatial Sciences, we blend academic and applied multidisciplinary approaches to navigate the intersecting challenges of science and society. With our focus grounded in the sustainability of people and places, we bridge human and physical geography, spatial sciences, planning, and environmental management through our integrative research and teaching methodologies.

Our School houses one of Australia's top-ranked geospatial science research groups. Our geospatial science research team makes significant contributions across a range of fields including conservation, planning, urban environments, environmental management, climate science, Antarctic studies, and oceanography. We are also highly dedicated to excellence in teaching future generations of geospatial scientists through our undergraduate and postgraduate courses, and research higher degree program.

The ongoing, full-time position of Lecturer in Geographic Information Science and Remote Sensing has a balanced workload allocation, comprised of teaching and research responsibilities with a service portfolio. The successful candidate will be responsible for developing and delivering cutting-edge learning materials across a range of spatial data analysis units from introductory to advanced levels. Specialist knowledge and skills in advanced spatial analysis, geospatial programming and analytics, and image processing will be central to the work undertaken in this component of the role. As a core academic member of our school, you will be invited to contribute to existing research projects in addition to having the opportunity to develop new projects, particularly those focusing on the application of Geographic Information Science and Remote Sensing to benefit the environment and society.

This role offers an exciting opportunity to conduct research in Tasmania's unique natural and built environments and to educate a new generation of geospatial scientists, equipping them with invaluable skills that are highly sought after. Today's local and global challenges require innovative thinking, novel tools, and sophisticated data analytics for improved mapping and monitoring of our environment. We are specifically looking for someone who thinks rigorously, is flexible and adaptable to change, trusts and respects others, resolves conflict positively, values and maintains honesty, integrity, and transparency, is a collaborator, and who strives to deliver exceptional results.

Join us and become part of a dynamic, enthusiastic, and friendly team of academics at the University of Tasmania, where we collaborate, inspire each other, and take pride in fostering an inclusive and supportive learning environment for our students and staff. If you are passionate about geospatial science and its importance in understanding the world we live in, we would love to see your application for this exciting position!

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

- Undertake high-quality, scholarly undergraduate and postgraduate coursework teaching.
- Develop new teaching materials (lectures, interactive teaching sessions, practicals, assignments, and field excursions) or update existing materials as required, including materials for online learning.
- Undertake high-quality research of national and increasingly of international standing. Secure external competitive and other research (or R&D) funding, publish research findings, and contribute to the successful supervision of research higher degree students.
- Contribute to the development and maintenance of productive and effective links inside the University and locally and nationally within the discipline, relevant interdisciplinary domains, the profession, industry and/or the wider community.
- Make an effective and sustained contribution to the University in achieving its strategic objectives and fulfilling its operational responsibilities.
- Undertake other duties as assigned by the supervisor.

What We're Looking For (success criteria)

- A PhD or equivalent in geospatial science with demonstrated knowledge of Geographic Information Science and Remote Sensing techniques and applications.
- Advanced skills and demonstrated experience in using Geographic Information Science and Remote Sensing techniques, including GIS/remote sensing software packages and programming languages such as Python, R, or MATLAB, applied to natural and/or urban environments.
- An emerging (for recent graduates) or established record of research that has achieved national or international recognition. A demonstrated record of leading or contributing to quality research publications and conference presentations. Evidence of success in applying for research funding is desirable.
- Demonstrated ability to develop and deliver engaging, high-quality teaching materials in the fields of Geographic Information Science and Remote Sensing. Candidates should showcase their ability to enrich our course offerings, supported by concrete examples from their teaching or industry experience.
- Strong evidence of independent work leading to timely and significant outcomes, coupled with demonstrated effectiveness in team collaboration and building and maintaining productive relationships within the academic community, relevant industries, and professional networks.

Other position requirements

- Knowledge of relevant Workplace Health and Safety requirements
- Driver license
- Desirable – First aid certification (training can be provided)
- Desirable – Mental Health First Aid (training can be provided)

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.

Check out more here:

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.