

POSITION DESCRIPTION

Senior Lecturer in Hydrology

Reports to:	Earth and Environmental Sciences Academic Team Leader
Division:	STEM
Tenure:	Continuing
Location:	Hamilton
Date:	May 2026

Vision

Ko te tangata

A research-intensive university providing a globally connected, innovative and inclusive studenty experience in an environment characterised by a commitment to diversity, respect for Indigenous knowledge, and high levels of community engagement.

Values

Ko te mana o Te Whare Wānanga o Waikato ka herea ki tō tātou:

- Tū ngātahi me te Māori
- Mahi pono
- Whakanui i ngā huarahi hou
- Whakarewa i te hiringa i te mahara

The University of Waikato places a high value on:

- Partnership with Māori
- Acting with integrity
- Celebrating diversity
- Promoting creativity

1. GENERAL

Te Wānanga Pūtaiao the Division of STEM comprises the Schools of Engineering, Computing and Mathematical Sciences, and Science. The Division also has several research units, including the Environmental Research Institute and commercial/equipment units which embody staff and research activities.

Te Aka Mātuatua - School of Science provides teaching and research in several academic programmes including: Biomedical Science, Chemistry, Earth Sciences, Ecology and Biodiversity,

Environmental Sciences, Marine Sciences and Molecular and Cellular Biology. The School offers a range of qualifications at undergraduate and postgraduate levels which are delivered on both the University of Waikato Hamilton campus and the Tauranga campus.

2. POSITION PURPOSE

To contribute to the teaching, postgraduate supervision and administration requirements of the School, maintain and develop original scholarship and research, and undertake professional/community/iwi service activities relevant to the discipline.

3. FUNCTIONAL RELATIONSHIPS

Internal:

- Earth and Environmental Sciences Academic Team Leaders
- Other School staff
- Dean of the School
- Technical Manager
- Pro Vice Chancellor, STEM
- Other Division Staff, STEM
- Other University staff
- Students
- Relevant Research Institutes and Centres

External:

- Local industry partners
- Public Research Organisations

4. KEY RESPONSIBILITIES

Having regard to the aims, objectives and long-term strategic goals of the School, Division and University, the primary objectives required of a Senior Lecturer include the following:

Teaching and Learning

- Prepare and deliver research-informed lectures and/or seminars and, as appropriate, conduct and/or co-ordinate tutorials, practical classes, demonstrations, or workshops.
- Responsible for paper co-ordination and delivery. This includes: administration; initiating and developing material; appraisal, review and evaluation of programmes and papers; development of the curriculum; developing and delivering on-line papers, where appropriate; and updating teaching resources and materials.
- Organise, train and supervise the work of sessional assistants.
- Carry out marking and assessment activities including the setting of examinations.
- Be readily available to advise and meet with students including maintaining regular office hours.
- Supervise honours, graduate and postgraduate students.
- Lead curriculum refreshment and enhancement projects.

Research

- Maintain an active research programme and conduct quality research and contribute to knowledge development through scholarship and publication. This will include involvement in research projects and attendance and presentation at academic conferences, and leadership of a research team and obtaining external research funding for specific projects.
- Build and maintain national, and preferably international, research collaborations which enhance the profile and reputation of the University.
- Lead applications for external research funding and knowledge transfer and commercialisation activities.

Service and Administration

- Participate in professional and/or community/iwi and/or outreach activities relevant to the School.
- Carry out broad administrative functions including active and constructive participation at Team and/or School meetings and undertake administration, planning and/or committee work where appropriate.

Other

- Participate in the maintenance of a safe and healthy work environment for self and others including students. Comply with and undertake responsibilities set out in the University's Health and Safety Policy.
- Any other duties that are consistent with the position held, other than in exceptional circumstances such as rehabilitation after injury or sickness.

NOTE: Staff have an annual professional goal setting interview with their manager. New staff normally attend such an interview approximately three months after taking up their appointment.

5. PERFORMANCE STANDARDS

The Senior Lecturer will be performing satisfactorily when:

- Teaching and associated duties are fulfilled to a high level as defined by School norms and expectations including paper appraisal and teaching evaluation.
- Student learning, at all levels, is appropriately facilitated in accordance with School, Division and University goals and objectives.
- Privacy of student information is maintained within University guidelines.
- Contributions made to curriculum refreshment demonstrate initiative and a willingness to support School goals and objectives.
- Personal and/or team research and scholarship activities yield demonstrable outcomes normally evidenced by continued publications in books and refereed journals, presentation or publication of conference papers, as appropriate.
- Research collaborations are developed.
- External research funding is awarded.
- Regular contributions are made to appropriate professional and/or community/iwi groups and/or in a public service or University or national representation capacity.
- Regular contributions are made to the School administration, as appropriate, relative to workload norms and expectations.
- Safe and healthy work practices are followed. University policies and procedures, relevant work standards and statutory obligations are complied with.

PERSON SPECIFICATION

EDUCATIONAL QUALIFICATIONS

Essential

- A PhD in a relevant discipline.

SKILLS, KNOWLEDGE and EXPERIENCE

Essential

- Up to date knowledge of hydrological processes and hazards.
- Demonstrated ability to master existing and new techniques, theories, models and approaches in the relevant discipline.
- Demonstrated success in undergraduate teaching including the ability to lecture to large numbers and conduct small group seminars and tutorials effectively.
- Demonstrated commitment to using innovative teaching methods and materials e.g. online and distance delivery techniques, team teaching skills.
- Demonstrated ability to contribute to the graduate and postgraduate programme including the supervision of Honours, Masters and PhD students.
- Marking and assessment skills with high levels of accuracy.
- An established track record of high quality research publications or equivalent at international level.
- Demonstrated success in attracting external research funding.
- Organisational and administrative skills.
- A proven ability to communicate effectively with students and staff.
- Basic te reo Māori, or willingness to learn.
- An interest and willingness to contribute to School and University administration matters.
- Ability to apply information and communication technologies to achieve desired outcomes and maintain and update those skills.
- Time management skills.

Preferred

- Understanding of the value of Mātauranga Māori in scientific research.
- Demonstrated experience in engaging with iwi on issues relevant to research discipline.
- Demonstrated success in attracting and supervising high quality postgraduate research students.

PERSONAL QUALITIES

- Self-motivation and a pro-active approach including a demonstrated commitment to innovation.
- Demonstrated capacity to work effectively as a member of a team, with developing leadership capacity.
- Proven ability to maintain a professional approach while under pressure.
- Ability to relate effectively and sensitively to students and staff from a variety of backgrounds and cultures.
- Commitment to a culture of openness, flexibility and cooperation to achieve excellence in academic programmes, research and service.
- A commitment to equal opportunity and to the University's partnership with Māori as intended by the Treaty of Waitangi.