

Position Title	Lecturer (Environmental Science)
Classification	Level B (Teaching and Research)
School/Division	UWA School of Agriculture & Environment
Centre/Section	Department of Environmental Science
Supervisor Title	Head of School
Supervisor Position Number	SR
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Your work area

UWA School of Agriculture and the Environment

The University of Western Australia (UWA) is ranked amongst the top 100 universities in the world and is a member of the prestigious Australian Group of Eight research-intensive universities. The UWA School of Agriculture and Environment (SAGe) is committed to high impact research and quality teaching. It's teaching and research activities spans the broad disciplines of Agricultural, Environmental and Resource Economics, Agricultural Science, and Environmental Science, and ranks highly nationally and internationally in these areas. The school is strategically positioned in one of the world's biodiversity hotspots and is surrounded by a wealth of agricultural, natural, and mining resources. Teaching and research at the school benefit from a network of national and international collaborators, and a strong record in PhD supervision and external research grant success. Teaching and Research is translated into practice and policy through strong industry and government links in areas related to agricultural and environmental management and regional development.

The Department of Environmental Science is responsible for the delivery of undergraduate majors in Environmental Science including teaching responsibilities in associated areas such as Ecology, Geography and Environmental Management. In addition, the Department also leads the Master of Environmental Science and Master of Biotechnology postgraduate programs.

Currently the department leads multiple large research projects funded by ARC, GRDC, the NESP Resilient Landscapes Hub, state and federal government, multiple industry partners and NGOs.

Reporting structure

Reports to: Head of School

Your role

This position will undertake independent teaching and research in the area of Environmental Science in the specific area of land rehabilitation and restoration. Key responsibilities include unit delivery and content management, engaging with students and school staff to ensure a high quality learning experience and develop a strong research program in the respective field.

The appointee will be expected to lead and coordinate undergraduate and postgraduate teaching units. Roles in these units will include content design and development, in-person and online delivery, workshop and laboratory organisation, marking and evaluation and reporting to the School's education committee.

The appointee will undertake independent and collaborative research with other staff members and partners, attract grants to fund research from national/international funding agencies, engage with industry, publish high quality papers in leading journals, and supervise honours and graduate students' research projects.

They will also actively contribute to governance and collegial life within the School, Department, and across the University and outside the University.

Your key responsibilities

Contribute to outstanding teaching and learning outcomes.

- Take an active role and work collaboratively to develop, coordinate and deliver world-class innovative teaching in environmental science as directed by the Head of School.
- Direct and supervise Honours and Masters students research projects.
- Direct and supervise PhD students.
- Develop and supervise student placements to strengthen industry partnerships.

Contribute to research outcomes within discipline or area of expertise.

- Create new knowledge in applied environmental science/land rehabilitation and disseminate such knowledge through publication in highly ranked peer reviewed journals that will enhance the reputation of the School and the University at national and international levels.
- Secure research funding from national and international competitive funding agencies, industry, and government partners
- Create and help lead collaborative research initiatives in local and national arenas.
- Foster the research of other groups and individuals in the school, both in the discipline and in related discipline areas, including support of the coordination (research synergies and training) of a wider network of students within the School.

Service and Engagement

Contribute to the governance and collegial life within the School, across the University and more broadly outside the institution by:

- Representing the University through involvement in professional associations, conferences, non-academic (e.g., government, not-for-profit, industry) partnerships, and other external activities.
- Undertaking administrative duties as required in relation to the above teaching and research supervision.
- Supporting the University's commitment to inclusion and diversity.
- Performing other duties as directed by the Head of School

Your specific work capabilities (selection criteria)

Qualifications and / or certifications

- PhD in Environmental Science, Geology/Earth Science, Physical Geography, Restoration Ecology, or related fields with one or more key skills: biogeochemistry, mineralogy, hydrology, terrestrial plant or animal ecology, or similar
- Capacity to deliver high quality teaching in undergraduate and postgraduate courses, with a willingness to develop curriculum and a commitment to continuous improvement and enhancing the student experience
- Experience in supervision of Honours, Masters and/or PhD level student research
- Demonstrated knowledge in environmental impacts and management related to land, soil and/or ecosystem degradation and restoration (e.g. mine rehabilitation, rangeland management, urban contaminated sites, groundwater remediation, agricultural soil restoration, coastal restoration, etc.)
- Research excellence (relative to opportunity), including publications in top-tier journals, conference presentations and the capacity to secure research funding from competitive grant schemes and other sources

- Evidence of active participation in multi-disciplinary teams, including effective leadership and teamwork
- Strong networks with relevant industries, government and non-government land managers, and relevant associations in Australia
- Ability to forge collaborative relationships and engage others in teaching units, within the university and external partners and stakeholders
- Strong communication, organisational and presentation skills
- A collegial attitude and commitment to the collaborative and inclusive culture of the school and university

Desirable

- Experience and commitment to working with Indigenous communities and partners
- Experience working with partners in the delivery of impactful research outcomes, including in areas such as mine-site rehabilitation, contaminated-site remediation, or ecosystem or agricultural system restoration.

Special requirements (selection criteria)

There are no special requirements

Compliance

Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including:

The University's Code of Conduct [Code of Ethics and Code of Conduct](#)

Inclusion and Diversity web.uwa.edu.au/inclusion-diversity

Safety, health and wellbeing [Safety and Health Policy](#)