LECTURER

DEPARTMENT/UNIT	Civil Engineering
FACULTY/DIVISION	Faculty of Engineering
CLASSIFICATION	Level B
DESIGNATED CAMPUS OR LOCATION	Clayton campus

ORGANISATIONAL CONTEXT

At Monash, work feels different. There’s a sense of belonging, from contributing to something groundbreaking – a place where great things happen. You know you’re part of something special and purposeful because, like Monash, your ambitions drive you to make change.

We have a clear purpose to deliver groundbreaking intensive research; a world-class education; a global ecosystem of enterprise – and we activate these to address some of the challenges of the age, Climate Change, Thriving Communities and Geopolitical Security.

We welcome and value difference and diversity. When you come to work, you can be yourself, be a change-maker and develop your career in exciting ways with curious, energetic, inspiring and committed people and teams driven to make an impact – just like you.

Together with our commitment to academic freedom, you will have access to quality research facilities, infrastructure, world class teaching spaces, and international collaboration opportunities.

We champion an inclusive workplace culture for our staff regardless of ethnicity or cultural background. We have also worked to improve gender equality for more than 30 years. Join the pursuit of our purpose to build a better future for ourselves and our communities – #ChangeIt with us.

The Faculty of Engineering is one of the largest in Australia, renowned worldwide for the quality and calibre of our teaching, research and graduates. We offer a comprehensive range of undergraduate, graduate, postgraduate and higher degree by research programs in a wide range of engineering disciplines. Our research activities provide a platform for establishing a thriving educational enterprise and our staff are committed to creating a dynamic learning environment. The research activities range from fundamental studies to research with a strong applications orientation. To learn more about the Faculty of Engineering, please visit our website.
The **Department of Civil Engineering** aims to provide high quality education, research and professional services globally for the mutual benefit of the students, the staff, the University, industry, the profession and the wider community. We offer several undergraduate and postgraduate coursework degrees. The Department actively pursues innovative and significant multi-disciplinary research to address the challenges for engineering in the 21st century. For more information about us and the work we do, please visit our [website](https://www.monash.edu/engineering/departments/civil/research).

The Department has two major undergraduate degree programs (Bachelor of Civil Engineering and Bachelor of Environmental Engineering), three postgraduate coursework degrees, and three main research themes including 7 areas of research focus (see [www.monash.edu/engineering/departments/civil/research](https://www.monash.edu/engineering/departments/civil/research)). It has strong collaboration across its three campuses including Clayton Australia, Sunway Malaysia and Suzhou China.

The University’s strategic plan for 2021-2030 (Impact 2030) is “focused on addressing the challenges of the age for the betterment of our communities, both locally and globally”, actively addressing those challenges in collaboration with government, industry and the community. The Department of Civil Engineering is well positioned to advance the core goals identified in IMPACT 2030, through excellent research and education, the international reach of its activities and its strong record of developing enduring alliances and partnerships with industry, government and other organisations. More specially, many environmental crises have been driven by the climate and environmental challenges and directly affect the future of society. A better understanding on the broad spectrum of anthropogenic and naturally occurring risks, impacts, and management strategies is imperative to facilitate decision making processes. Nevertheless, the magnitude of such challenges implies that no single field of research or profession can tackle them alone.

**POSITION PURPOSE**

A Level B academic is expected to make contributions to the teaching effort of the University and to carry out activities to maintain and develop scholarly, research and/or professional activities relevant to the profession or discipline.

Management is the process of planning, organising, directing, and controlling resources to achieve a specific goal. In the civil and environmental engineering domain, the broad engineering management field could include project management, impact and risk management, sustainability management, and catastrophic management to name a few.

The Department is looking to build on existing research strengths to advance its engineering management, especially in the synergies between environmental engineering and management fields, both in terms of teaching and research. The successful applicant will make an outstanding contribution to the broad engineering management field, providing leadership and fostering excellence in research and teaching, as well as engaging with the profession, within the context of the Faculty’s overall strategy. The Lecturer will contribute to building a strong and cohesive engineering management academic group and raise the visibility of project management across the University and strengthen the existing capability of Monash University in the project management field.

The position sits within the Department of Civil Engineering. The successful candidate will be teaching in the Department of Civil Engineering and contribute to a cross-Faculty Master of Project Management degree. This degree is offered in conjunction with the Faculties of Business and Economics, Law, and Information Technology.

**Reporting Line:** The position reports to the Head of Department, Civil Engineering

**Supervisory Responsibilities:** Not applicable

**Financial Delegation:** Not applicable

**Budgetary Responsibilities:** Not applicable
KEY RESPONSIBILITIES

Specific duties required of a Level B academic may include:

1. The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and/or studio sessions
2. Initiation and development of subject material
3. Acting as subject coordinators
4. The preparation and delivery of lectures and seminars
5. Supervision of the program of study of honours students or of postgraduate students engaged in course work
6. Supervision of major honours or postgraduate research projects
7. The conduct of research
8. Involvement in professional activity
9. Development of course material with appropriate advice from and support of more senior staff
10. Marking and assessment
11. Consultation with students
12. A range of administrative functions the majority of which are connected with the subjects in which the academic teaches
13. Attendance at departmental, school and/or faculty meetings and/or membership of a number of committees
14. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
   - A doctoral qualification in the relevant discipline area or equivalent accreditation and standing.

Knowledge and Skills

2. Possess a high level of interpersonal skills and demonstrated ability to work independently and as part of a team across both the education and service sectors
3. Demonstrated statistical analysis and manuscript preparation skills, including developing a solid track record of refereed research publications
4. Demonstrated research background across relevant areas such as environmental management, project management, environmental impact and risk assessment, environmental catastrophic management and/or environmental crises response/governance
5. Ability to work positively and cooperatively with students, internal and external teams and external organisations
6. Demonstrated strong record of teaching experience in a tertiary environment
7. Demonstrated ability to motivate, actively engage and educate a given audience
8. Demonstrated experience in curriculum and subject material development
9. Proven ability, commitment and passion for engaging in scholarly and research activities
10. A demonstrated capacity to work in a collegiate manner with other staff in the workplace

OTHER JOB RELATED INFORMATION

- Travel and block teaching at other campuses of the University or affiliated programs may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted
- A current satisfactory Working With Children Check is required

GOVERNANCE

Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.