POSITION DESCRIPTION

Associate Lecturer
Teaching & Research

Position Summary
An Associate Lecturer (Level A) is expected to make contributions to teaching in the School and to carry out activities to maintain and develop their scholarly research and professional activities.

We are seeking a dynamic individual to join the humanitarian engineering program at UNSW. The position includes teaching undergraduate humanitarian engineering classes and contributing to, and developing your own, research on humanitarian and environmental issues. Experience or an interest in the Pacific region is advantageous and the desire to contribute to a large research program designed to create and measure impact at the environmental and societal level.

The Associate Lecturer will work within a dynamic research team comprised of UNSW academics, international academics, and regional United Nations and multilateral agencies.

The role of Associate Lecturer reports to Dr. Andrew Dansie and Prof Will Glamore, and has nil direct reports.

Accountabilities
Specific accountabilities for this role include:

- Demonstrate a well-defined teaching philosophy that inspires student learning.
- Conduct classes, assess student learning achievements and support students in line with UNSW policy and with the guidance of more senior academics.
- Design and develop learning activities and resources and provide assessment and feedback using a range of appropriate approaches and learning environments with the support of more senior academics.
- Support learning progression with students as individuals (through such activities as one-to-one consultation) and as a cohort (through general course related advice) to achieve positive learning and employability outcomes for students.
• Manage course administration, including academic quality assurance.
• Maintain professional development in pedagogy, disciplinary knowledge and minimum professional accreditation requirements (where relevant).
• Make a positive contribution to School meetings and seminars.
• Contribute independently or as a team member in collaborative research with a focus to enhance the quality of research outcomes in the discipline area.
• Undertake specific research project/s under the guidance of the research leader Dr. Dansie and contribute to the development of research activities.
• Conduct cutting edge and high impact research in environmental and humanitarian areas independently and as part of a team.
• Manage large data sets and identify relationship of significance over large temporal and geographical ranges, familiarity with R software, or similar, for result presentation advantageous.
• Be prepared to travel overseas to low- and middle-income countries as part of research and dissemination activities.
• Have a high degree of professionalism and ability to work as part of an international research team working across a range of time zones and with different cultures, language, and resource availability.
• Undertake discipline-appropriate research activities, e.g. surveys, literature reviews, data gathering and/or recording of results using appropriate research methods.
• Contribute to and prepare grant applications under direction of the research team and more senior academics.
• Where agreed upon with the supervisor, aide in the supervision of undergraduate/masters research thesis projects and higher degree research students.
• Align with and actively demonstrate the UNSW Values in Action: Our Behaviours and the UNSW Code of Conduct
• Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health & safety of yourself or others.

Skills and Experience
• A PhD in Environmental Engineering, Environmental Science, Geography, or a related discipline, and/or relevant work experience
• Demonstrated knowledge and expertise in one or more of the following research areas:
  o Field and laboratory analysis or water, sediment and/or air samples.
  o Coastal dynamics including sediment, ecological, and societal considerations.
  o Use of indicators to measures and assess impact and progress towards United Nations SDGs, Carbon Net Zero goals or similar.
  o Developing and conducting household surveys and stakeholder interviews.
  o Remote sensing skills related to satellites and other related data platforms
• Proven commitment to proactively keeping up to date with discipline knowledge and developments.
• Demonstrated experience in and passion for teaching and learning design, development and/or delivery at undergraduate and/or postgraduate level.
• Knowledge of educational technologies and online delivery methods.
• Experience engaging students and fostering independent learning through meaningful assessment and helpful feedback.
• Evidence of and/or preparedness to undertake professional development of teaching practice.
• Evidence of ability to support and inspire students from diverse backgrounds and support student equity diversity and inclusion initiatives.
• Demonstrated ability to undertake high quality academic research and conduct independent research with limited supervision.
• Demonstrated track record of publications and conference presentations relative to opportunity.
• Demonstrated ability to work in a team, collaborate across disciplines and build effective relationships.
• Evidence of highly developed interpersonal skills.
• An understanding of and commitment to UNSW's aims, objectives and values in action, together with relevant policies and guidelines.
• Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

**Pre-employment checks required for this position**

- Verification of qualifications

**About this document**

This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.