THE UNIVERSITY OF WESTERN AUSTRALIA

# POSITION DESCRIPTION

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| **Position Title** | Lecturer |
| **Classification** | Level B |
| **School/Division** | Oceans Graduate School |
| **Centre/Section** | |
| **Supervisor Title** | Head of School |
| **Supervisor Position Number** | FSR |
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## Your work area

The University of Western Australia has an international reputation for excellence in research and teaching and has been rated as one of the best comprehensive universities in Australia. It is ranked among the world's top 100 universities and is the only WA member of the prestigious "Group of Eight" research universities.

At UWA, "Marine and Ocean Engineering" has consistently been among the most highly ranked subjects, ranked No 1 in Australia and No 10 in the world. This research excellence has strong collaborative links with a number of other top ocean universities and with a broad range of industry partners. Its breadth of expertise spans both offshore and coastal engineering and has strong integration with other related scientific fields (e.g., Oceanography where UWA is ranked No 21 in the world).

The Oceans Graduate School (OGS) engages in multidisciplinary fundamental and applied research to find solutions for the critical issues facing our oceans, coasts and estuaries. The School runs a number of nationally significant research programs and houses several major research facilities, including the Coastal and Offshore Engineering Laboratory, the National Geotechnical Centrifuge Facility, and a number of labs and field infrastructure within the Indian Ocean Marine Research Centre that also co-houses Australia's national marine research agencies (CSIRO and AIMS on the UWA campus).

UWA's historic campus sits on the beautiful Swan River and is just 10 minutes from the city's central business district and nearly as close to the State's finest beaches. Western Australia has over 10,000 km of coastline facing both the Indian and Southern Oceans where numerous challenges require solutions that can be addressed with innovative ocean engineering that provides an ideal environment and opportunities for related research and education.

OGS is committed to driving progress towards gender equality and ensuring diverse and balanced representation at every level of our organisation. ***Therefore, this position is prioritised for women applicants*** *with track records of excellence and impact, with high energy, and who are forward thinking and collaborative.*

## Reporting structure

Reports to: Head of School

## Your role

You will, under the direction of the Head of School, support and extends the School's teaching and research capabilities in the area of ocean engineering.

You will be expected to contribute to the School's teaching activities, which includes playing an influential role in UWA's new Master of Offshore and Coastal Engineering. You also will be required to develop and manage independent research that has impact on the field, including establishing collaborative research with industry and/or other end users.

## Your key responsibilities

You will undertake independent and collaborative research to generate research output of high impact and international recognition

You will contribute to the development and delivery of world-class innovative teaching in the degree programmes of the School

With support from senior academics, you will develop a strong, internationally recognised research programme that is synergistic with the existing research groups at UWA, and you will attract research funding from industry, and local and federal governments

You will supervise research students at Masters and PhD levels

You will attract and recruit quality postgraduate students and postdoctoral research fellows

You will provide service to School and University operations, develop and provide direction in its affairs and engage with a range of relevant stakeholders (e.g., government, industry and the broader public)

Other duties as required

## Your specific work capabilities (selection criteria)

A PhD in engineering, physical sciences (e.g. physical oceanography) or a related field

Demonstrate willingness and ability to teach at the undergraduate and/or postgraduate level

A demonstrated capacity to contribute to teaching related to coastal applications of ocean engineering with relevance to the design of coastal structures

A strong track record of high quality research with impact, relative to opportunity, related to coastal and/or offshore engineering

Evidence of potential to generate and grow an externally funded innovative research program

Highly-developed written and verbal communication skills

Ability and willingness to direct and supervise students

Demonstrated abillity in diverse thinking and problem solving

Demonstrated ability to work collaboratively within a team

## Special requirements (selection criteria)

There are no special requirements

## Compliance

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

The University's Code of Conduct hr.uwa.edu.au/policies/policies/conduct/code/conduct

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

Safety, health and wellbeing safety.uwa.edu.au/