Griffith UNIVERSITY
Queensland, Australia

Position Description

Position Title	Research Fellow
Group/Portfolio	CRI
Classification	Research Fellow Grade 1
Position Number	00062868
Reports To	Dr. Darrell Strauss
Employment Type	Fixed term

1.0 Position Purpose

The Research Fellow position involves contributing to one of more areas of research within the Centre/Institute.

The Research Fellow will work within the research group of the Director of the Cities Research Institute / Coastal and Marine Research Centre. The Research Fellow will work on a collaborative project to improve risk and support decision-making associated with tropical cyclones that affect coastal Queensland, involving extreme wind and storm tide inundation. The fellow will work in a team developing a decision support system for emergency and disaster management collaboration Queensland Fire and Emergency Services (QFES), GeoScience Australia (GA), Bureau of Meteorology (BoM) and Department of Environment and Science (DES).

2.0 Eligibility Requirements

- Applicants should have a PhD in a relevant field or extensive research-oriented experience in field of coastal engineering, coastal management, coastal oceanography or coastal geomorphology and,
- Demonstrated experience in understanding dynamics of shoreline and coastal ocean processes.
- Demonstrated experience in coastal process modelling (eg. XBeach, SWAN, DELFT3D, MIKE 21/3).
- Demonstrated ability to undertake research and project management work under broad direction only and exercise initiative in undertaking responsibilities and work effectively with Chief Investigators.

3.0 Key Responsibilities

- Conduct research and fieldwork that contributes to the research objectives of the Centre/Institute.
- Develop a good publication record.
- Contribute to the Institute/Centre's research projects as appropriate to research skills.
- Contribute to teaching activities as required.
- Manage the preparation and formulation of publications, presentations and

research reports arising from the research.

- Assist in mentoring and supervision of higher degree research candidates.
- Supervise Research Assistants and technical staff.
- Ensure compliance with relevant legislation and University policies and procedures, including research ethics, equity and health & safety, laboratory standards and exhibit good practice in relation to same.
- Be a leading example of the principles and values embodied in the University's Code of Conduct, and behave, act and communicate at all times to reflect fairness, ethics and professionalism.

4.0 Key Capabilities

- Griffith University identifies the attributes of resilience, flexibility, creativity, digital literacy and entrepreneurship as critical to our graduates' success, in the rapidly changing future world of work. We have established a Griffith University Capability Development Framework to provide a common language of some of the non-technical organisation skills that will support our staff to thrive now and into the future. The Capability Development Framework will assist you to understand the current skill level of this position in the non-technical but critical skill domains that are increasingly important in a changing workplace context.

  To read about some of the non-technical organisation skills for this position, please see the Leads Self/Others section of our Capability Development Framework.