UNIVERSITY OF MAURITIUS

Recruiting graduate students (MSc by Applied Research, F/T – 1 year) for a climate adaptation project at the University of Mauritius

The project RECOVER (*Resilience to Climate Vulnerability and Environmental Risk - with a focus on Small Island Developing States - SIDS*) is recruiting several MSc by Applied Research students (full-time basis) at the University of Mauritius (UoM), starting August 2025 for a period of one (1) year.

RECOVER is a partnership between three SIDS (Mauritius, Maldives and Fiji), led by the University of Waterloo, Canada. SIDS are on the frontlines of climate change and need transformational adaptation strategies urgently. The project focuses on enhancing small islands' capacity to adapt to climate change through more inclusive, and research-informed decision environments. The three SIDS will serve as "hubs of innovation" for scalable and systems-changing climate resilience approaches.

More information on the RECOVER project is available at the project webpage: https://clareprogramme.org/project/resilience-to-climate-vulnerability-and-environmental-risk-recover-focus-on-small-islands/

The focus of Mauritius is on objectives 1, 2, 4 and 5.

Qualifications:

Ideal candidates will have:

- Completed a Bachelor's degree in environmental studies/science, geography, planning, international development, engineering, or related disciplines.
- A strong academic record (at least an upper second class, first division or equivalent) with research potential.
- Demonstrable interest in climate adaptation science, and exposure to researching or working with vulnerable communities impacted by climate change is desired.
- Excellent written and oral communication skills.
- Skills / knowledge of tools that can tackle at least one or more project-related topics such as circular economy, circular business models, economic valuation of ecosystem services, material and energy stock and flow analysis, risks and/or systems dynamic modelling, nature-based solutions, stakeholder engagement in planning, and environmental justice.

Due to funding restrictions, priority will be given to domestic students (*i.e.* Mauritian citizens or Permanent Residents of Mauritius).

Benefits:

Successful applicants will work in student teams, and engage in peer-to-peer learning with students from Canada and the Asia-Pacific. As part of this innovative project, you will receive mentorship from researchers in RECOVER and also have opportunities to interact with a global community of researchers within the CLARE programme (https://clareprogramme.org).

Successful applicants – depending on qualifications and performance in the project - will receive some financial support from the project. In terms of the final outcome, you will receive mentorship to publish your thesis in the form of a multi-authored science article with you as lead author, and thus be recognized for your contributions. You will also be eligible for award of an MSc by Applied Research from the University of Mauritius upon meeting the requirements of the university.

How To Apply

Eligible and interested candidates are invited to submit via email a single pdf file with a brief description (maximum of one page) of their research interests and experience, pertaining to at least one of the four objectives of RECOVER (objectives 1, 2, 4 or 5), along with their CV and transcripts to Assoc Prof (Dr) Mahendra Gooroochurn (m.gooroochurn@uom.ac.mu), by 13 August 2025, copied to Dean of the Faculty of Engineering (deanfeng@uom.ac.mu) for an initial screening.

Applications received after the closing date will not be considered.

The University reserves the right:

- to call for interview only the most appropriately and best qualified applicants. Video calls may be arranged for international students.
- not to make any appointment as a result of this advertisement.

Date: 23 July 2025

Assoc Prof (Dr) B Y R Surnam
Dean, Faculty of Engineering