



THE UNIVERSITY OF THE WEST INDIES

ST. AUGUSTINE, REPUBLIC OF TRINIDAD AND TOBAGO, WEST INDIES

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

SENIOR LECTURER/LECTURER IN ENVIRONMENTAL ENGINEERING

Qualifications and Experience

The successful candidate must possess at minimum, a PhD from a recognised university, in Civil Engineering or Civil and Environmental Engineering or equivalent engineering in a closely related field, with a B.Sc. (Honours) in Civil Engineering or Civil and Environmental Engineering.

Candidates should also possess:

- At least three (3) years' teaching experience at a recognised tertiary institution/university, particularly in the field of Engineering
- A substantial record of research and publications in reputable peer reviewed journals, particularly in the area of Civil and Environmental Engineering or equivalent/related field
- Familiarity with commercial and open-source modelling tools, including GIS software, and the design of environmental systems
- A strong background and expertise in the area of Environmental Engineering and Policy
- Expertise in one (1) or more of the following areas:
 - Engineering Hydrology
 - Water Resources
 - Water and Wastewater Treatment
 - Solid and Hazardous Waste Engineering and Management
 - Air Pollution Soil and Groundwater Contamination
 - Modelling and Simulation Software
 - Environmental Chemistry
 - Environmental Impact Assessments
 - Sustainable Development
 - Climate Change and Carbon Management
 - Circular Economy

Candidates with the following would have an advantage:

- A MSc. degree in Civil and Environmental Engineering
- Membership from a recognised Professional Engineering Body
- Experience in the supervision of student research projects at Masters or Doctoral level
- Competency in successfully obtaining funding for research with evidence by contribution to funding proposals

The following would be considered assets:

- Certification in university teaching and learning
- Industrial or consultancy experience in Civil and Environmental Engineering (including internships or short-term roles)
- Proof of practical experience and professional engagement
- Evidence of active interaction with industry and policy formulation

Key Responsibilities

- Teaching at the undergraduate and postgraduate levels in area of expertise
- Supervising graduate students at the MSc, MPhil and PhD levels in the area of expertise
- Preparing and delivering lectures, tutorials, workshops, and seminars
- Setting and grading assignments, tests and examinations
- Assisting in developing curricula and course material that can be used across a number of platforms
- Modernising the Environmental Engineering Laboratory to consider new contaminants, and for expanding capability to include solid waste analyses
- Collaborating with other academics to improve teaching methods and expand knowledge base
- Providing support to students and colleagues
- Conducting research, and writing papers, proposals, journal articles, and books
- Conducting fieldwork, investigations, and writing-up reports
- Establishing links with industry to pursue relevant research projects
- Attending and participating in meetings, conferences, and other events inside and outside of the Institution
- Participating in training opportunities and initiatives at the Institution
- Staying current by reading widely and producing published work in the field
- Serving on Committees at the Department, Faculty and University levels as required
- Performing any other duties as may be assigned by the Head of Department or designate

Personal Attributes

The Campus places high priority on individuals of integrity who can work well in a team and student friendly environment. Candidates should also possess good communication and interpersonal skills. A good command of both oral and written English is essential.

Candidates should also:

- Be able to work collaboratively within a department
- Be able to mentor students and staff
- Have good organisational and leadership skills
- Be self-motivated and able to motivate students
- Have the capability to attract research funding
- Be willing to forge working relationships and meaningful engagement with staff, students and external stakeholders (industry and universities)
- Be able to contribute effectively to departmental activities and student development
- Be committed to developing the Department's outreach programme

Detailed application and full curriculum vitae should be sent to the Campus Registrar, c/o HR Division (Appointments Section), Main Administration Building, The University of the West Indies, St. Augustine, Trinidad and Tobago, W.I. via e-mail: STA-HRAApplications@uwi.edu. Two (2) referees (one of whom should be from your present organization) must be indicated. Application forms may be obtained at <http://www.uwi.edu> in the Faculty & Staff, Staff Vacancies section. Further particulars including remuneration package may also be obtained at the above address. In order to expedite the appointment procedures, applicants are advised to ask their referees to send their **signed** references under **CONFIDENTIAL** cover **DIRECTLY** to the Campus Registrar at the above address without waiting to be contacted by the University. **Applications received after the deadline date will not be considered.**

The University would like to thank all applicants for their interest. Please note, however, that only shortlisted candidates will be acknowledged or contacted.

Deadline for receipt of applications: 2026 August 30