



## POSITION DESCRIPTION

### The University of Papua New Guinea

<b>DETAILS OF POSITION</b>	<b>POSITION NO.:</b> (W/071004)
<b>SCHOOL/OFFICE:</b> School of Natural & Physical Sciences (insert name here)	<b>CLASSIFICATION:</b> (U03)
<b>DIVISION/STRAND:</b> Earth Sciences Division (insert name here)	<b>POSITION TITLE:</b> (Lecturer - 2)
<b>BRANCH:</b> (insert name here if applicable)	<b>IMMEDIATE SUPERVISOR CLASSIFICATION &amp; POSITION:</b> (U05) PN (W/071002)
<b>SECTION:</b> (insert name here if applicable)	<b>HIGHEST SUBORDINATE CLASSIFICATION &amp; POSITION:</b> (U05) PN (W/071002)
<b>LOCATION:</b> (insert physical location of the occupant of this position number here)	Waigani Campus, Science 3 Building

#### ROLES AND RESPONSIBILITIES OF POSITION

##### PURPOSE

The Lecturer - 2 in Engineering Geology/Geotechnical Engineering is expected to make significant contributions to the teaching and learning efforts of the Earth Sciences Division at the undergraduate and postgraduate levels. The academic is also expected to play a major role in scholarly Research, Outreach, and Distance and Continuing Education activities that should strategically complement and enrich the vision, operations and strategies of the Division, School of Natural and Physical Sciences, and University as a whole.

##### ACCOUNTABILITIES

- Marking and assessment connected with subject academic teaches
- Participation in course review, delivery and administration
- Conduct and presentation of research activities
- Publication of research in reports and referred journals
- Development and delivery of courses via Distance and Continuing Education mode
- Services to the University, including partner organizations and/or communities

##### MAJOR DUTIES

- Preparation and delivery of lectures and seminars
- Conduct tutorials, practical classes, demonstrations, workshops and field excursions
- Provide guidance to junior academic staff in preparing and delivering lectures and seminars
- Participation in curriculum and course review
- Initiate and development of new course materials
- Consultation with students, academics and partner organizations or communities
- Supervision of postgraduate and higher degree programs, including course work components
- Conduct of research and lead research projects
- Publication in local and international journals, including conferences
- Submission of applications for research grant and/or paid consultancy
- Mentoring and coaching of junior academic staff, including technical support staff
- Active participation in Divisional, School and University committee meetings
- Representing university to outside bodies and promoting university image
- Supporting students' extra-curricular activities
- Development of skills in teaching via Distance and Continuing Education mode
- Production and review of course materials for Distance and Continuing Education mode
- Teaching via Distance and Continuing Education mode
- Attending consultation with Distance and Continuing Education mode students

The Lecturer - 2 shall effectively work with and provide clear support and direction to academic staff classified as Lecturer 1 and below, and with an increasing degree of autonomy as the academic gains in skill and experience. The Lecturer – 2 will normally have completed four to five years of Tertiary study in the Earth Sciences discipline, particularly Engineering Geology / Geotechnical Engineering, have equivalent qualifications and/or professional experience. In many cases, a position at this level will require an MSc degree or higher qualifications and extended professional degree.

## **SELECTION CRITERIA**

### **TRAINING LEVEL OR QUALIFICATIONS**

- Possess MSc, PhD and/or equivalent qualification in Earth Sciences, particularly Engineering Geology / Geotechnical Engineering or a related field with sufficient Continuing Professional Development Training in Engineering Geology / Geotechnical Engineering
- Minimum of 5-7 years of industry experience in Engineer Geology / Geotechnical Engineering practices associated with mine operations, road/bridge/building construction and/or dam development.
- Ability or capability to promote or lead new and innovative research methods/projects in Engineering Geology / Geotechnical Engineering

### **KNOWLEDGE, SKILLS AND PERSONAL ATTRIBUTES**

- Major achievements and strengths in the field of Engineering Geology / Geotechnical Engineering
- Excellent interpersonal, teamwork, leadership, management and organizational skills
- Important applications of work and life skills related to teaching, research, mentoring and coaching
- High proficiency level in using Engineering and GIS softwares such as DIPS, ArcView and MapInfo
- High proficiency level in technical writing and presentation
- Long-term goals related to the position
- Positive interaction with staff and students, including partner organizations and communities
- Work in multi-cultural environment with person of any creed, social or cultural affiliation and nationality
- Honesty, integrity, empathy, responsibility, innovative, critical thinking, initiative, transparency
- Personal drive, attention to detail, willingness to learn, handle pressure and meet deadlines, flexibility
- Adequate knowledge of the UPNG Mission, Vision, Values and Code of Conduct

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### **HISTORY OF POSITION – (HR DIVISION OFFICE USE ONLY)**

<b>UPNG FILE NO.</b>	<b>DATE OF VARIATION</b>	<b>DETAILS</b>