



## **Job description**

### **POST NO: 2111 - LECTURER/SENIOR LECTURER OF HYDROGEOLOGY**

The National University of Lesotho Water Institute (NULWI) is seeking a professional with broad expertise and experience in water science, particularly Hydrological Modelling of groundwater as applied to water resources assessment and development at catchment and regional scale. NULWI is a newly founded research institute that conducts research in areas of water resources engineering and management with a view to influence policy development on water resources. The Institute also admits students to pursue Msc in Water Resources Engineering and Management with a very strong research component.

#### **PROFILE OF THE SUCCESSFUL CANDIDATE**

**Research:** The successful candidate should have a core research expertise in the use of computers to model groundwater flow, chemistry and temperature according to geological formations, surface water flow and human influence. The candidate should also show evidence of broader knowledge spanning interpretation of maps, geographical data, historical evidence and model outputs as well as ability to use the information to build up a picture of the groundwater regime and/or contamination. Such a breadth of expertise is needed for effective supervision of postgraduate MSc theses. The candidate should have a strong research profile demonstrated by

- a record of quality publications in groundwater modelling
- experience as principled investigator in a multi-disciplinary research setting and
- success in acquiring external funding from differing funding sources.

**Education:** The successful candidate should demonstrate a successful record of teaching and student supervision at MSc level in a multi-cultural setting. Experience in adaptation of MSc programmes to changing needs in the water sector as well as evidence of success in acquiring fellowships and other forms of sponsorship is an added advantage.

**Capacity Development:** The successful candidate should have experience in project formulation and in assisting postgraduate (MSc) students to find their footing in water resources research. The candidate should demonstrate capability in institutional strengthening and development in developing countries. Highly valued experience will include assisting NULWI to establish new research fronts.

#### **REQUIREMENTS**

- PhD degree in hydrogeology or equivalence;
- Research reputation demonstrated through a record of quality publications;
- Demonstration of a capacity to attract funded research grants;
- Experience lecturing and supervising MSc level theses;
- Experience in researching as a team player in a multi-disciplinary setting;
- Relevant professional experience in developing countries;
- Excellent command of the English language.

The appointment is for a two-year period renewable on satisfactory performance. However, it can be turned into a permanent and pensionable contract for Lesotho citizens.

### **INFORMATION REQUIRED FROM CANDIDATE**

Applicants are to address the stated qualifications and information to assist the University to determine their suitability for the position. They should also quote the vacancy number of the post applied for, provide current CV's (including telephone, telefax and email) plus certified copies of educational certificates, transcripts, and three typed references. Two of which must be academic references. Applicants should inform their referees to submit their references directly to address below, before or the stipulated closing date. References addressed to "WHOM IT MAY CONCERN will not be considered as references. Application letters and references should bear signatures and must be addressed to: Director – Human Resources, National University of Lesotho.

Closing Date for receiving full applications for the position is **24<sup>TH</sup> August 2018**

**DISCLAIMER: *if you do not receive any response within three months after the closing date, you must consider your application unsuccessful.***

