

**Position title:** Research Fellow in Radioactive Site Remediation and Management      **Level:** A/B

**School/Unit:** School of Civil & Environmental Engineering      **Faculty/Division:** Engineering

**Written by:** Prof T.D. Waite      **Date:** 07/12/2011

## **A. JOB PURPOSE**

The School of Civil & Environmental Engineering is seeking to appoint a Research Fellow in the field of radioactive site remediation and management with funding provided by the Australian Nuclear Science and Technology Organisation (ANSTO) and the Office of the UNSW Deputy Vice Chancellor (Research).

## **B. MAIN DUTIES**

The appointee will undertake research in the area of radioactive site remediation and management with particular attention given to issues pertaining to the Little Forest Burial Ground site at Lucas Heights. Activities would be expected to include field and laboratory investigations. Application of synchrotron radiation-based techniques to characterization of materials of interest is likely.

The appointee will be expected to cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that their actions or omissions do not impact on the health and safety of others in the university.

## **C. ENVIRONMENT**

### Position Context

The position will be three year term appointments with the possibility of extension depending on availability of funds and research performance. The position involves no direct control over assets or budget.

### Statistics

Approximately 31 academic, 40 research-only, 10 technical and 10 administrative staff are appointed in the School of Civil & Environmental Engineering

### Reporting Relationships

The appointee will undertake research under the supervision of Professor TD Waite with input and advice from Dr Timothy Payne (ANSTO).

#### **D. PRINCIPAL ACCOUNTABILITIES**

Performance in research will be judged by scholarly output, such as publications. The appointees may also contribute to higher degree research supervision and research grant procurement.

All activities will be monitored by the supervisor to ensure that duties are carried out competently and conscientiously.

#### **E. SELECTION CRITERIA**

- Possess a PhD in an area relevant to radioactive site remediation and management;
- Strong publications record in geochemistry, soil science, environmental engineering or other relevant research area;
- Evidence of ability to initiate and implement high quality research;
- High level interpersonal, written and oral communication skills in English;
- Knowledge of OHS responsibilities and commitment to attending relevant OHS training;
- Knowledge of equal opportunity principles.