



## SENIOR RESEARCH OFFICER: S+CUBE

(5-Year Contract)

### Department of Construction Economics and Management Faculty of Engineering and the Built Environment

The Department of Construction Economics and Management enjoys an international reputation for its activities in the fields of Property Studies, Quantity Surveying, Construction Management and Project Management. The Department is also home to the Urban Real Estate Research Unit.

Applications from suitably qualified and experienced persons are invited for the above post within the Sustainability oriented + Cyber research Unit for the Built Environment (S+CUBE), Department of Construction Economics and Management, Faculty of Engineering & the Built Environment, effective immediately. This is a full-time contract post for a 5-year period.

The candidate will provide overall strategic and scientific leadership, coordination and championship of research into solving the modern problems associated with the social, environmental and economic sustainability challenges faced by the built environment in Africa through the adoption of innovative digital methodologies, technologies and tools.

The candidate will transfer internationally recognized knowledge, skills and expertise to the local academic community, their stakeholders and industry partners.

#### Requirements for the position:

- Doctor of Philosophy degree together with a Masters degree in the built environment disciplines.
- 5 years' suitable academic/teaching experience including postgraduate supervision.
- A research publication record in accredited international peer-reviewed journals, conferences, chapters in books or books in the built environment, including in the area of sustainability.
- A proven track record of successful international research grant applications.
- Proficiency in computer programming, software and digital tools used in built environment disciplines.

#### The following will be advantageous:

- Membership of local and/or international professional organisations.
- Managerial experience.
- Proven track record of collaboration with and work experience in local or international research teams, units and projects.

#### The successful candidate is expected to:

- Provide overall strategic and scientific leadership, coordination and championship of the S+CUBE research agenda and to expand the network of organizations and individuals with whom S+CUBE may become involved.
- Enhance the output of S+CUBE in terms of high impact scientific publications.
- Transfer internationally recognized knowledge, skills and expertise to the local S+CUBE community and provide mentorship to the S+CUBE community.
- Supervise postgraduate student research within S+CUBE.
- Drive innovative and excellent multi-disciplinary research agendas that align with UCT's 2030 vision, the EBE Faculty's and CEM department's strategic vision.
- Reside in the greater Cape Town area and manage the Department of Construction Economics and Management CyberLab specialist software and equipment.

The annual cost of employment, including benefits, is negotiable between **R672 110** and **R968 905**.

**To apply**, please e-mail the below documents in a **single pdf file** to Ms Abigail Dixon at [recruitment03@uct.ac.za](mailto:recruitment03@uct.ac.za)

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>);
- A 1-2 page statement of interest specifying the relevance of the applicant's experience to the Department; and
- Curriculum Vitae (CV).

Please ensure the title and reference number are indicated in the subject line. An application which does not comply with the above requirements will be regarded as incomplete. Only shortlisted candidates will be contacted and may be required to undergo competency assessments and/or deliver a short presentation to the Department.

**Telephone:** 021 650 1673

**Website:** <http://www.cons.uct.ac.za/>

**Reference number:** E220297

**Closing date:** 02 September 2022

*UCT is a designated employer and is committed to the pursuit of excellence, diversity and redress in achieving its equity targets in accordance with the Employment Equity Plan of the University and its Employment Equity goals and targets. Preference will be given to candidates from the under-represented designated groups. Our Employment Equity Policy is available at [www.hr.uct.ac.za/hr/policies/employ\\_equity](http://www.hr.uct.ac.za/hr/policies/employ_equity)*

UCT reserves the right not to appoint.