23rd August, 2019

Director,
Undergraduate Studies - Architecture,
University of Moratuwa.

Calling for a PhD or MPhil Candidate Position in Urban Design.

Dear Sir/Madam,

The ‘UoM Urban Lab’- ‘Centre for Cities’ of University of Moratuwa invites applications for up to one PhD (Doctoral Candidate) or MPhil position in *Outdoor Thermal Environment*.

In the broader of research field of Urban Design, within the ‘UoM Urban Lab’ – ‘Centre for Cities’ on ‘Urban Comfort, Safety and Security of Public Realm for Sustainable Urbanization in Sri Lanka’, which is funded under the framework of the AHEAD.

Appreciating for circulating the news and placing this advertisement in your department notice board.

Thank you,

Sincerely,

[Signature]

Dr. Janaka Wijesundara
Director - 'Centre for Cities - UoM Urban Lab'
University of Moratuwa

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Calling for a PhD or MPhil Candidate Position in Urban Design

The UOM Urban Lab - Centre for Cities of the University of Moratuwa invites applications for up to one PhD (Doctoral Candidate) or MPhil position in Outdoor Thermal Environment.

Ref: UOM URBLAB - AHAEDRESEARCH2
Fixed term: 36 months (3 years)
Working times: 40 hours/week (full-time)
Employee status: Student
Starting date: 24th August 2019

In the broader research field of Urban Design, within the UOM- Urban Lab - The Centre for Cities on "Urban Comfort, Safety and Security of Public Realm for Sustainable Urbanization in Sri Lanka", which is funded under the framework of the AHEAD.

Your Role

The main objective is to broaden the knowledge on the contemporary issues of urban space identifying the vulnerabilities of users in relation to the built and natural conditions and to assist to establish a criteria for assessment. The programme will provide the researchers with the skills and knowledge that will allow them to take up this challenge.

An indicative list of potential topic areas is proposed below. This list is by no means exhaustive and applicants are encouraged to propose their own related research topics.

Your Profile

- Bachelors or Master's degree in related field (quantitative or research training) who should be eligible for registering as a MPhil or doctoral student.
- Strong interest in any of the fields; Urban Design, Public safety and comfort, outdoor environmental condition assessment, green city maintenance, user comfort analysis, traffic and permeability generated issues, smart cities, urban services and urban systems, urban modeling.
- Good English language skills (writing, reading)
- Willingness to work in urban environments with multi-disciplinary guiding teams
- Ability to work independently and as part of a team
- Curiosity and self-motivation

We offer

- A dynamic and well-equipped research environment
- Intensive training in scientific and transferable skills, participation in university & other institutional trainings, International conferences and workshops
- Three-year (fixed term) research allowance (rates as per the University circular)
- Enrolment as a PhD student in one of the Departments; Architecture, Building Economics and Civil Engineering in University of Moratuwa

Application submission:

Applicants are required to send the following documents in English:
- Curriculum vitae;
- Motivation letter detailing how the applicants meets the selection criteria. The motivation letter should identify up to three topics and order of preference. The topics can be chosen among those listed below (List of topic areas):
- Publication list (if applicable);
- Contact details of two persons willing to provide a letter of recommendation;
- Copies of diplomas, transcripts of (current and past) Bachelor and Master with grades

All documents should be emailed in pdf format.

Selection process:

Shortlisted candidates will be invited for an interview. The positions will be offered to candidates following the approval by the University.

Applications submitted by 24th August 2019 will receive full consideration.

Indicative list of topic areas:

a) Identifying the indicators of the outdoor thermal comfort and its impact through the built form and outdoor performance evaluation to assess urban user comfort and validate it.
b) Evaluate the present levels of urban thermal comfort in cities by taking Colombo City as a case
c) Explore the methods for increasing the efficiency of urban thermal comfort of the city
d) Experimenting for optimizing air quality and cooling; Studying the built form, prototypes and actual scaled blocks and testing for the thermal aspects of the materials and heat levels of the urban outdoor environments.
e) Studying existing practices and strategies that can be used to minimize risks and models developed to assess and mitigate urban risks of streets.

For further questions, please contact:
Director, Centre for Cities: phd@uom lk
Tel. 071 8290155