

## **Researcher Positions (PhD or Postdoctoral) on Real Estate Evaluation in Dense & Green Building Typologies**

**Future Cities Laboratory, Singapore-ETH Centre**

### **The Project:**

The research of the Dense + Green Building Typology team at the Future Cities Laboratory (FCL) investigates new building typologies with public and green spaces in high-density urban environment in terms of their environmental, social, architectural/urban and economic benefits. The findings will be integrated and translated into strategies and guidelines for architectural design and urban planning. The project is jointly led by ETH Zürich and Singapore University of Technology and Design (SUTD). The duration of the project is 3 years. More information about the project can be found here:

<http://www.fcl.ethz.ch/module/dense-and-green-building-typologies/>

### **The positions:**

We are offering full-time position for a PhD (enrolling in SUTD) or a postdoc researcher in the areas of real estate evaluation in the context of dense and green building typologies in high-density urban environments. The successful applicant would conduct detailed real estate evaluations of dense and green building typologies in Singapore. The research scope includes: setting evaluation parameters and methods; evaluating dense and green building typologies with in terms of their property and land value appreciation, plantation and vegetation value, etc.

### **Expectation on candidates:**

Applicants should have a background in the field of landscape architecture, or forestry or arboriculture. They are expected to have knowledge and practical experience with property and land value analysis, and vegetation values assessment in building or neighbourhood scales.

Applicants are expected to be proficient in the use of software for data analyses and modelling, such as GIS, SPSS, R-coding language, AutoCAD, Photoshop, InDesign. The Applicants should also have skills in measuring property and land value. Applicants are further expected to lead independent research in the field and to closely collaborate with other team members at FCL. Strong communication and strong interpersonal skills are required as well as excellent command of both written and spoken English. In addition, applicants are expected to assist with the writing of annual research reports and to produce high-quality research publications, e.g. journal papers, conference papers, and books.

### **Benefits:**

The successful candidate of PhD researcher position will be awarded a certificate of PhD degree from SUTD. The candidate will receive supervision from experts and professors from both SUTD and ETH Zurich. He/she will also have the first-hand experience with laboratory research and equipment related to green spaces typologies within an international team.

## Supporting documents for application

The requirements of application for PhD researcher position shall mainly follow the regulation of SUTD (<http://www.sutd.edu.sg/Admissions/Graduate/PhD-Programmes/SUTD-PhD-Programme/Application>):

- Personal interests / plan / objectives
- Copies of all relevant diplomas, certificates, and transcripts
- Recommendation letters

The supporting documents for postdoc researcher position shall include:

- Personal statement
- Curriculum vitae
- Research proposal / plan / objectives
- Copies of all relevant diplomas, certificates, and transcripts
- Recommendation letters

**The candidate will be supervised by Prof. Dr Thomas Schroepfer and Prof. Sacha Menz.** For further information about the position, please contact Dr Michelle Yingying JIANG ([jiang@arch.ethz.ch](mailto:jiang@arch.ethz.ch))

### Work location:

1 Create Way, CREATE Tower, Singapore 138602 (NUS University Town)

The Singapore-ETH-Centre is an equal opportunity and family-friendly employer. All candidates will be evaluated on their merits and qualifications, without regards to gender, race, age or religion.