



The ETH Chair of Architecture and Building Process of Professor Sacha Menz is part of the Future Cities Laboratory (FCL), the first research program of the Singapore ETH Centre for Global Environmental Sustainability (SEC). While most of the Future Cities Laboratory Modules explore the urban dimension, the research project proposed by Professor Menz in collaboration with ETH CASE considers the scale of the building and its site. The research team will pursue a dual-track approach that combines building analysis with ethnographical methods from the cultural and social sciences, exploring the development of high-density housing typologies in Singapore from the 1960s to present. The research project will be carried out in the form of empirical case studies of four housing estates, surveying the quantities, ratios and relations of built surfaces, including construction costs, on the one hand, and the use and appropriation of common space in and around the buildings, on the other. In order to contribute to this research, as of July 1, 2012, or upon agreement, the professorship is seeking a highly qualified

Postdoctoral Researcher / Research Assistant (PhD or MA Architect)

The successful candidate will be responsible for the analysis of the four case studies according to their building characteristics, i.e., perimeter, programme, areas and volumes, construction costs and key ratios. Depending on the candidate's qualifications, he or she will carry out additional administrative duties in Singapore and also serve as a link to FCL's project management. Following a 3- to 6-month introductory period in Zurich, the researcher will relocate in January 2013 to Singapore to work closely with an ETH CASE researcher at the SEC for the 18-month duration of the project.

Required is a master's degree in architecture with several years of experience in architectural practice as well as in scientific research; ideally, the successful candidate will be a PhD graduate. The position will require excellent spoken and written command of the English language, proficiency in 2D-CAD as well as expertise in working with complex mathematical tables. Also desirable are experience in 3D-CAD, a working knowledge of statistics as well as practical experience in construction planning and construction management.

For additional information, please contact Dominik Bastianello +41 44 633 61 34, bastianello@arch.ethz.ch

Applications with a cover letter and a CV should be sent online to:

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