

The Singapore-ETH Center for Global Environmental Sustainability is opening a position for

## 1 PhD position in Landscape Architecture and Urban Ecology

The position is offered within the context of the international joint project Future Cities Laboratory (FCL), which the Swiss Federal Institute of Technology Zurich (ETH Zurich) and the National University of Singapore (NUS) will run conjointly for the next 4 years. In particular, the position will be part of the pilot interdisciplinary module entitled “Landscape and Ecology”, which will run under the Research Stream Urban Design Strategies and Resources of the ETH Zurich FCL in Singapore. The research module deals with the interface between advanced landscape design, modeling and simulation and urban hydrology, watershed modeling and hydrological ecosystem services. The case study is located along the Ciliwung River Catchment in the urban periphery of Jakarta Indonesia.

The PhD project will focus on landscape architecture and urban ecology at specific locations along the Ciliwung watershed of Jakarta. The research will project a large metropolitan green corridor concept comprised of both natural and designed river landscape typologies at the southern periphery of the city. Prior Masters degree in architecture or landscape architecture with a demonstrated experience in large-scale landscape topology and urban design is required. Further knowledge of environmental horticulture for tropical regions would be appreciated. Accordingly, the successful candidate working at the interface of landscape and ecology will need to have a good academic education and a strong background in landscape architecture, urban studies and applied ecological design. The successful applicant will be highly motivated for scientific research, have specific interest in the topic and appropriate background, have personal initiative, be comfortable with both team and independent work, and have good organizational skills. Very good spoken and written command of the English language are required.

The position is presently open for all potential candidates with an application deadline set for May 31st 2011. Each candidate will be asked to submit an *electronic application* in the form of *two pdf files* to the application address indicated below. The *first pdf* will include a motivation letter, CV, Masters or diploma certificates and academic transcripts, the *second pdf* file will be a copy of the Masters thesis or diploma project. In addition two confidential letters of recommendation, also as pdf files, have to be submitted directly to the application address.

The selected candidate will be enrolled as NUS/FCL PhD student, but the research will be based in Singapore throughout the doctoral period. The research team working on the “Landscape and Ecology” module will be coached jointly by a Senior Researcher and a Post Doctoral researcher with proven knowledge of the relevant research fields. The PhD student will join a vibrant research team in Singapore, working on a complex interdisciplinary project at the interface of landscape and ecology and computer simulation. The position will start on 1.10.2011 or flexibly thereafter. Additional information about the position may be obtained by writing to Prof. Jörg Rekittke: [rekittke@nus.edu.sg](mailto:rekittke@nus.edu.sg)  
**Address for electronic submission:** [rekittke@nus.edu.sg](mailto:rekittke@nus.edu.sg) (maximum attachments 10 MB)