

Postdoctoral Research Position in URBAN MICROCLIMATOLOGY
National University of Singapore (Department of Geography)

We are seeking a highly motivated Postdoctoral Researcher to participate in the “Cooling Singapore” project awarded to the Singapore-ETH Centre (SEC) by the National Research Foundation (NRF) of Singapore. The successful applicant is expected to (i) lead the analysis of existing UHI mitigation techniques and evaluate which strategies would perform best in the tropical-humid climate context of Singapore considering multiple scales (from building to the entire city), (ii) develop and assist in micro-scale experiments on UHI mitigation which can be observational, modeling or a combination of both, and (iii) present results at conferences/meetings and lead the writing of scientific papers.

Successful candidates must have a Ph.D. and strong grounding in climate/geography or a related urban climate field, with requisite knowledge of either field techniques, Geographical Information Systems Science, remote sensing and/or applied urban climate modeling, and excellent technical, organizational and communication skills, both written and verbal, to disseminate key results to the academic community, project partners and government stakeholders. The position will be based in the urban climate lab of the Department of Geography at the National University of Singapore (<http://www.fas.nus.edu.sg/geog/>), and will have opportunities to collaborate with other investigators involved in the “Cooling Singapore” project. The department is consistently ranked among the top ten Geography departments in the world in the QS World University Rankings, placing ninth (first in Asia) for the 2016 list.

The position is approved for a two-year period starting in January 2017, and will remain open until a suitable candidate has been selected. Informal inquiries regarding the post can be directed to Drs Matthias Roth (geomr@nus.edu.sg) or Winston Chow (winstonchow@nus.edu.sg). An internationally competitive remuneration package, based on qualifications and experience, will be offered to the successful candidate. All applications, including a cover letter, short research statement, and full CV (including a list of publications) together with names and contact information for three references, should be submitted by 30 October 2016 via e-mail to Drs Roth and Chow. Only short-listed candidates will be notified.