

Air Pollution Modelling and Measurement Researcher

Who are we?

We are the University of Cambridge's presence in Singapore, Cambridge CARES. Our activities are sponsored by the National Research Foundation's CREATE programme. Our first research programme, Cambridge Centre for Carbon Reduction in Chemical Technology (C4T), is a collaboration between University of Cambridge, Nanyang Technological University and National University of Singapore.

Our team is comprised of world-class scientists and engineers working in a vibrant, fast-paced environment with great opportunities for knowledge and skills development.

Who are we looking for?

We are looking for experts in air pollution measurements and simulations, to work on projects related to maritime emissions, gas and aerosol pollutant measurements, dispersion in urban environments, and the analysis of the above to inform policy-making.

The successful candidate will be expected to perform computer simulations and experiments, interact with existing members of the team, analyse the results and prepare written reports and presentations.

What qualification and skills will you need?

- Possess a Bachelor's degree in Engineering, Atmospheric Sciences or equivalent (Post-graduate degree is preferred)
- Computational Fluid Mechanics, air pollution modelling, knowledgeable with sensors for measurement of air pollution, atmospheric dispersion, and with analysis of air pollution data.
- Strong communication and presentation skills to share analysis results and drive discussions

What can we offer you?

- A stimulating working environment with friendly, highly motivated colleagues
- A competitive salary in line with your skills and experience
- A contract until 30 June 2024 in the first instance, extendable following a satisfactory performance
- Comprehensive medical insurance coverage as part of your employment
- Employment under a Research Collaboration Agreement between CARES and Nanyang Technological University (NTU)

Please note this post is mainly based in the CREATE Tower at NUS University Town, Singapore.

How to apply?

Please apply by uploading your CV and academic transcript to <https://talent.sage.hr/jobs/bf0a4ca7-5360-4d64-8329-712ac881c4bf>. If you have any questions, please feel free to reach out to the HR team at recruitment@cares.cam.ac.uk.