NUS National University of Singapore | College of Design and Engineering

Master of Science ENVIRONMENTAL MANAGEMENT

Every breath we take: How safe are we?

Dr Joel Aik | Assistant Professor | Duke-NUS Medical School

Synopsis

Air is an essential consumable that all human life depends on. Most of us seldom have a choice in determining the quality of air that we breathe. Yet the quality of air that we consume has a direct impact on our health. In 2021, the World Health Organization provided stricter air quality targets to inform public policy and plans to help reduce the concentrations of air pollutants associated with health burden. In this talk, Joel will share about the health impacts of air pollution, the priorities for mitigation, and the implications for population health in South-East Asia.

Speaker's Biography

Joel is an environmental epidemiologist with a background in public health and environmental engineering. His present research focuses on assessing the influence of climate variability and air quality on the risk of communicable and non-communicable health outcomes in human populations, as well as the evaluation of interventions and programmes to inform public health policy and practice.



He previously consulted for the International Atomic Energy Agency (IAEA) and the World Health Organization (WHO) on vector-borne disease studies. He graduated from NUS with a Bachelor's degree in Environmental Engineering, then completed his Masters in Epidemiology at the London School of Hygiene and Tropical Medicine. He received his Doctorate in Public Health from the University of New South Wales.

28 October 2022 | 6.30 PM

Online Seminar (via Zoom)

Register here or scan QR code

ABOUT THE MEM PROGRAMME

The Master of Science (Environmental Management) (MEM) programme is a multi-disciplinary integrated programme offered jointly by eight faculties and schools in the National University of Singapore (NUS), demonstrating its broadbased approach to education in the field of the environment. It is hosted by College of Design and Engineering (CDE).

https://cde.nus.edu.sg/mem/