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Dr Poh Hee Joo holds the position of Senior Scientist in Institute of High Performance Computing, A*STAR. He is also an Adjunct Associate Professor to both the Mechanical Engineering Department and Building Department of National University of Singapore (NUS). He is the pioneer adjunct lecturer for BCA Green Mark Professional course module for CFD Modelling for Natural Ventilated Buildings. He has over 20 years of work experience in CFD research and consultancy jobs mainly focusing on Urban Physics; Environmental Health and Safety; and Building Performance and Sustainability. In 2014, he was nominated by the Ministry of National Development (MND) to be honoured as a World Cities Summit Young Leader in recognition of his contribution to the field of urban liveability and sustainability in Singapore. He has been invited as regular speaker at various agency events such as BCA International Green Building Conference (IGBC), MND Urban Sustainability R&D Congress and NEA Distinguished Speakers Forum to promote research focus on Urban Environmental Modelling and Sustainable Cities in Singapore.