



# Biography of KOH, Tieh Yong (education, profession)

Koh Tieh Yong graduated from Imperial College as a Bachelor in Science with First Class Honours in Physics in 1994 and obtained his PhD in Atmospheric Science from Massachusetts Institute of Technology in 2001. He was a Visiting Scientist with Ecole Polytechnique at Laboratoire de Météorologie Dynamique and then a Research Scientist with Temasek Laboratories at National University of Singapore. In 2004, he became an Assistant Professor at School of Physical and Mathematical Sciences, Nanyang Technological University and later gained tenure as Associate Professor. In 2016, he moved to Singapore University of Social Sciences (SUSS) to teach [Sustainability Science](#). Having diversified his knowledge in Weather, Climate and Sustainability, he decided to indulge in his other passion by reading a Master of Advanced Study in Mathematics (Theoretical Physics) at University of Cambridge in 2023-24. He now teaches Mathematics part-time at School of Science and Technology, SUSS, and engages in consultancy projects and workshops on Weather and Climate, Sustainability Science, and Theoretical Physics.



# Biography of KOH, Tieh Yong (achievements, activities)

Tieh Yong received Koh Boon Hwee Scholars Award three times in 2011-2012 for inspirational teaching and Nanyang Education Award 2013. He was one of three examiners in Asian Physics Olympiad 2014. He served in the 2019 Curriculum Review Committee for Pre-University Geography for Singapore Ministry of Education. In research, he was an expert reviewer for Fifth Assessment Report of Inter-governmental Panel for Climate Change (2013) and contributed to ASEAN State of Climate Change Report (2021). He was a secretary for Atmospheric Sciences section of Asia Oceania Geosciences Society from 2010 to 2023 and an editor for "Scientific Online Letters on the Atmosphere" from 2016 to 2024. He currently co-chairs the Working Group for Asia-Australia Monsoon under World Meteorological Organization and is a Provisional Member of the Asia Pacific Institute of Experts.



# Biography of KOH, Tieh Yong (interests, mission)

Tieh Yong is passionate about theoretical physics, atmospheric dynamics, geophysical mixing, and Southeast Asian weather and climate. In his free time, he loves to swim, jog, hike, and travel. He enjoys books, music, visual and performance arts. His mission is to apply STEM knowledge to support the sustainable development of society while he is on a personal journey to understand the physical reality of the universe.

[\[Watch this clip produced by SUSS COMM department in 2022\]](#)