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Dr Chun-Ho LIU received his BEng and PhD degrees in Mechanical Engineering (ME) from the University of Hong Kong (HKU). He was a Postdoctoral Research Fellow at the National Center for Atmospheric Research (NCAR), USA, before joining HKU in 2007. Since 2013, he has served as Associate Professor and Associate Head (Teaching and Learning). His research interests are

- Air pollution physics and chemistry;
- Geophysical turbulence; and
- Scientific computing.

They integrated mathematical modeling, laboratory experiments, and field measurements to advance our understanding of atmospheric dynamics and enhance wind prediction. Currently, data science, artificial intelligence (AI), and machine learning (ML) are adopted to improve the information quality as well as forecast reliability.