

## Kok-Kwang PHOON (方国光)

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Kok-Kwang Phoon, PhD, PEng, FSEng, FIES, FASCE is Distinguished Professor and Senior Vice Provost (Academic Affairs), National University of Singapore. In his capacity as Senior Vice Provost, Dr Phoon works with the Provost in academic affairs, including recruitment and development, benchmarking and resource allocation. He was the past Head of Department of Civil and Environmental Engineering and the interim Director of the Lloyd's Register Foundation Institute for Public Understanding of Risk. He is a Professional Engineer in Singapore, an ASEAN Chartered Professional Engineer, and past President of the Geotechnical Society of Singapore.

He received his BEng (First Class Honours) and MEng from the National University of Singapore and his PhD from Cornell University where his research on reliability-based design has influenced recent codes and specifications, including the 4th edition of ISO2394:2015. Dr. Phoon's research mainly centres on developing statistical and other data-driven methods to support decision making in geotechnical engineering. His research has garnered more than 13,000 cites (h-index 57) in Google. He edited 3 books: Reliability of Geotechnical Structures in ISO2394 (2016) (基于 ISO2394 的岩土工程可靠度设计, 中国水利水电出版社, 2018), Risk and Reliability in Geotechnical Engineering (2015), and Reliability-Based Design in Geotechnical Engineering (2008) and authored 1 book: Model Uncertainties in Foundation Design (2020).



Dr. Phoon is the recipient of numerous awards, notably ASCE Normal Medal twice (2005, 2020), Hogentogler Award (2007), NUS Outstanding Researcher Award (2010), John Booker Medal (2014), Humboldt Research Award (2017), and Sloan Outstanding Paper Award (2019). He was elected Fellow of the Academy of Engineering Singapore (FSEng) in 2012 and appointed Distinguished Professor in NUS (2013), LuoJia Distinguished Visiting Professor in Wuhan University (2018), and August-Wilhelm Scheer Visiting Professor in Technical University of Munich (2019).

He is the founding editor of Georisk (Taylor & Francis) and Managing Editor of the ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering. He is presently serving on the editorial board for top-tier journals such as the Canadian Geotechnical Journal, International Journal for Numerical and Analytical Methods in Geomechanics, Structural Safety, and Probabilistic Engineering Mechanics. He is a widely sought after lecturer having delivered talks in over 90 cities around the world, including the inaugural S.L. Lee Lecture in Singapore, 11th J.E. Jennings Memorial Lecture in South Africa, 10th Sun Jun Lecture in China, 4th Wilson Tang Lecture in the Netherlands, 10th Lumb Lecture in Hong Kong, 4th Suzanne Lacasse Lecture in Taiwan, and 2nd Alfredo Ang Lecture in China.

Dr. Phoon plays an active leadership role in his professional community. He is presently an appointed board member of the International Society for Soil Mechanics and Geotechnical Engineering, Vice-President of the International Association for Computer Methods and Advances in Geomechanics, and Vice-President of the International Association for Structural Safety and Reliability. Dr. Phoon also serves on the advisory board for the World Economic Forum Global Risks Report and Board of Directors for the BOC (Bank of China) Corporate University.

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