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Interests related to TC304:

- Geotechnical databases
- Data-centric geotechnics
- Data-driven site characterization (DDSC)
- Bayesian machine learning

Books:

Tang, C. & **Phoon, K. K.**, Model Uncertainties for Foundation Design, CRC Press, Mar 2021, 589 p

Phoon, K. K. & Retief, J. V. (Editors), Reliability of Geotechnical Structures in ISO2394, CRC Press/Balkema, Sep 2016, 230 p [方国光, 约翰·雷迪夫(著). 李典庆, 唐小松, 曹子君(译). 基于 ISO2394 的岩土工程可靠度设计[M]. 北京: 中国水利水电出版社, 2018.]

Phoon, K. K. & Ching, J. Y. (Editors), Risk and Reliability in Geotechnical Engineering, CRC Press, Dec 2014, 594 p

Phoon, K. K. (Editor), Reliability-Based Design in Geotechnical Engineering: Computations and Applications, Taylor & Francis, April 2008, 532 p

Web links:

Homepage: <https://www.sutd.edu.sg/About/People/SUTD-Leadership/Professor-Phoon-Kok-Kwang>

Google: <https://scholar.google.com/citations?user=pAX0vr4AAAAJ&hl=en>