

Personal Bio

Vital Stats

Full Name: Fiona Kwok

Affiliation: The University of Hong Kong

Position: Assistant Professor



Biography

Dr Fiona Kwok is currently an Assistant Professor at the Department of Civil Engineering at the University of Hong Kong. She previously worked as a Geotechnical Engineer at Itasca Consulting Group in Minneapolis and CDM Smith in Los Angeles, USA. She graduated with a PhD degree in Engineering at the University of Cambridge, UK, in the area of geomechanics and she holds a BEng and MEng degree from Sheffield University, UK and Massachusetts Institute of Technology, USA (MIT) respectively. Her research focuses on developing a better understanding of soil and rock response by numerical simulation at the particle scale. She is registered as a Professional Engineer in California, USA. She is a Committee Member of Hong Kong Institution of Engineers - Geotechnical Engineering Division.

Education

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|-------------|-------------------------|--|
| 2004 - 2008 | Doctor of Philosophy | University of Cambridge, UK |
| 2001 - 2002 | Master of Engineering | Massachusetts Institute of Technology, USA |
| 1998 - 2001 | Bachelor of Engineering | University of Sheffield, UK |

Awards and Major Publications

Duan, K. & Kwok, C.Y. (2015) Discrete Element Modeling of Inherently Anisotropic Rock under Brazilian Test Conditions. *International Journal of Rock Mechanics and Mining Sciences*. 78, 46-56.

Duan, K., Kwok, C.Y. & Tham, L.G. (2015) Micromechanical Analysis of the Failure Process of Brittle Rock. *International Journal of Numerical and Analytical Methods in Geomechanics*. 39(6), 618-634.

2015 Future Leader of American Rock Mechanics Association

2007 Fellowship of the [Cambridge Overseas Trust](#), UK

2004 [Cambridge Overseas Trust](#) Scholarship, UK

2001 [Institution of Civil Engineers](#) Prize, UK

2001 Marshalls Masonry Prize