

Professor Chi-Hwa Wang

National University of Singapore
Conversion of waste to energy and resource



Dr Chi-Hwa Wang is a Professor of Chemical and Biomolecular Engineering at the National University of Singapore (NUS). He received his BSc degree (Chemical Engineering) from the National Taiwan University, MSc degree (Biomedical Engineering) from Johns Hopkins University, MA and PhD degrees (both in Chemical Engineering) from Princeton University. He has the following joint appointments in his service to the same university (i) Faculty Fellow, Singapore-MIT Alliance (2001-2006), (ii) Assistant Dean for Research at the Faculty of Engineering, NUS (2006-2008), (iii) Member of FPTC/UPTC (2015-2021) (iv) Principal Investigator, E2S2 CREATE programme (2018-2023).

He has held several visiting appointments throughout his career: Kyoto University (2003, JSPS Visiting Fellow), Cambridge University (2004, Sabbatical Academic Visitor), Massachusetts Institute of Technology (2004, Visiting Associate Professor). His current research interests include particle technology, biomass gasification, and waste to energy and resource. He is an Executive Editor for Chemical Engineering Science (Elsevier, 2013 - present). He serves on the editorial board/international advisory board of the following four Elsevier journals: Applied Energy, Journal of Controlled Release, Powder Technology, and Advanced Powder Technology (also Executive Editor 2009-2013). Chi-Hwa is the recipient of recent awards such as AIChE Shining Star Award 2016, Teaching Commendation List, Faculty of Engineering, National University of Singapore, 2017. WSSET (World Society of Sustainable Energy Technologies) Award 2017, Bologna, Italy, 2017, AIChE Shell Thomas Baron Award, Pittsburgh, USA, 2018, AIChE Fellow 2019, WSSET Fellow 2020.

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Professor Stuart Green

University of Reading
The contested privileging of zero carbon: plausibility, persuasiveness and professionalism



Stuart Green BSc MSc PhD CEng MICE FCIQB FRICS is professor of construction management at the University of Reading. Primary research interests lie in the area of construction sector policy; how it is formulated and how it is enacted. He has over 30 years' of research and consultancy experience relating to the UK construction sector and has published widely on the topic of industry improvement. He has written and co-edited several books, including Making Sense of Construction Improvement (Wiley-Blackwell, 2011).

Stuart has been Principal Investigator on numerous Engineering and Physical Science Research Council (EPSRC) awards totalling in excess of £7 million carried out in close collaboration with industry. UK policy experience includes: Commission for a Sustainable London 2012 (2007-2013); Construction Industry Training Board (CITB) (the 'English Committee') (2015-2018); Chairmanship of the Chartered Institute of Building's (CIOB) Innovation and Research (I&R) Panel (2011-2016); EPSRC Manufacturing Advisory Group (2010-2011).

International experience comprises participation in academic conferences and research-related consultancy in more than 20 countries, including: Australia, Canada, China, Denmark, Finland, Hong Kong (SAR), Iceland, Malaysia, Netherlands, New Zealand, Singapore, South Africa, Sweden, Thailand, Turkey, UAE and USA.

Wednesday
22nd September 2021
9am (BST)
Zoom