



José L. Torero

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Professor José L. Torero is Professor Civil Engineering and Head of the Department of Civil, Environmental and Geomatic Engineering at University College London. He works in the fields of safety, environmental remediation and sanitation where he specializes in complex environments such as developing nations, complex urban environments, novel architectures, critical infrastructure, aircraft and spacecraft. He holds a BSc for the Pontificia Universidad Católica del Perú (1989), and an MSc (1991) and PhD (1992) from the University of California, Berkeley. He received a Doctor *Honoris Causa* by Ghent University (Belgium) in 2016. José is a Chartered Engineer (UK), a Registered Professional Engineer in Queensland, a fellow of the Australian Academy of Technological Sciences and Engineering, the Royal Academy of Engineering (UK), the Royal Society of Edinburgh (UK), the Queensland Academy of Arts and Sciences (Australia), the Institution of Civil Engineers (UK), the Institution of Fire Engineers (UK), the Society of Fire Protection Engineers (USA), the Combustion Institute (USA) and the Royal Society of New South Wales (Australia). José is the co-inventor of STaR, a smouldering technology that has been efficiently used in the treatment of contaminated land, human waste management, food security and wastewater treatment. STaR was one of the three winners of the Bill & Melinda Gates Foundation Reinvent the Toilet Challenge, received the Lord Ezra Award from the UK Parliament and has been honoured three times with Achievement Awards by the American Academy of Environmental Engineers and Scientists.