

Presentation title

题目: 'Current status of vertical farming with LED light and its development of energy saving technologies in China'

Biography

简介: Professor Qichang Yang, Executive Director General of Institute of Urban Agriculture, Chinese Academy of Agricultural Sciences (CAAS), China.

Professor Qichang Yang is a Chief Scientist and the Director of Key Lab of Energy Saving & Waste Management of Agricultural Structures, Ministry of Agriculture and Rural Affairs, China. He obtained his MS (1987) and PhD (1996) in Bio-Environment Engineering at China Agricultural University. As a visiting scholar, he studied greenhouse environment engineering in the System and Control group at Wageningen University from April 2005 to April 2006. He was a senior visiting scholar on greenhouse engineering at the University of Arizona during October 2013 to January 2014.

His main research activities included greenhouse engineering, plant factory and LED lights in horticulture. As a Chief Scientist he has been in charge of a large research project on intelligent plant factory production technology (National High Science & Technology project supported by the Chinese Government). In the past ten years, he has organised or participated in 40 national research projects on energy saving technologies in greenhouse and plant factory, and (co-) published more than 230 papers, of which 67 have been quoted by SCI and EI, and 7 monographs. He has received several honours and awards for his scientific excellence, including a National Science & Technology progress prize (2017 and 2009), a special Government allowance (2010), a national gold medal of patent (2011) and national expert with outstanding contributions (2013). He is chair of ISHS Working Group Design and Automation in Integrated Indoor Production Systems, and convenor of GreenSys 2017.