



Sheng ZHOU

Dr. Sheng Zhou is a professor at the Shanghai Academy of Agricultural Sciences (SAAS). He is the executive deputy director of the Key Laboratory of Low-carbon Green Agriculture in Southeastern China, Ministry of Agriculture and Rural Affairs, P. R. China, the deputy director of Shanghai Engineering Research Centre of Low-carbon Agriculture (SERCLA), and the vice-president of the Shanghai Society of Soil and Fertilizer. He graduated from Nanjing University (NU) in 1994 and received Ph.D. from the Tokyo University of Agriculture & Technology (TUAT) in 2007. He was the visiting scientist at Helmholtz-UFZ of Germany in 2011 and at the National Institute of Natural Resources of Finland in 2019.

His research focuses on agricultural greenhouse gas mitigation, carbon sequestration, and non-point source pollution control. He has taken charge of more than 10 research projects of the National Natural Science Foundation of China (NSFC), Ministry of Science and Technology of China (MOST), Japan Society for the Promotion of Science (JSPS), Shanghai Science and Technology Commission, Promotion Project of Agricultural Science Foundation of Shanghai, etc. He published over 120 research papers in English, Chinese, and Japanese. His research findings of the high effectivity of CH₄ mitigation by D-WDR technology provide an important pathway to reduce CH₄ emission in paddy fields. They have been widely recognized, cited in “Opportunities to Reduce Methane Emissions from Global Agriculture” (2021, Princeton University) and “Progress on the Implementation of China’s Nationally Determined Contributions (2022) ”.