International Conference

Sustainable Resource Management for Adequate, Safe and Nutritious Food Provision

October 16, 2021
Nanjing Agricultural University, Nanjing, P.R. China
Wageningen University, Wageningen, The Netherlands

Outline of the program

Dutch Time	China Time	Title		
08.30 – 08.50	14.30 – 14.50	Opening of the conference		
08.50 – 09.20	14.50 – 15.20	Keynote speaker 1: Fusuo Zhang		
09.20 – 09.50	15.20 – 15.50	Keynote speaker 2: Martijn van der Heide		
09.50 – 10.00	15.50 – 16.00	Coffee / tea break		
10.00 – 11.20	16.00 – 17.20	Parallel session 1A	Parallel session 1B	Parallel session 1C
11.20 – 12.00	17.20 – 18.00	Lunch/Dinner Breaks		
12.00 – 12.30	18.00 – 18.30	Keynote speaker 3: Erwin Bulte		
12.30 – 13.50	18.30 – 19.50	Parallel session 2A	Parallel session 2B	Parallel session 2C
13.50 – 14.00	19.50 – 20.00	Coffee /tea break		
14.00 – 15.20	20.00 – 21.20	Parallel session 3A	Parallel session 3B	Parallel session 3C
15.20 – 15.40	21.20 – 21.40	Integrated analysis (SURE+): Xiaoping Shi & Nico Heerink		
15.40 – 15.50	21.40 – 21.50	Announcement of SuReFood Alliance		
15.50 – 16.00	21.50 – 22.00	Closing remarks		

Notes:

- The conference will be held online (in MS Teams)
- Each parallel session consists of four presentations; each presenter has a maximum of 20 mins in total, including Q & A.
- Each keynote speaker has 30 mins for presentation.

Program

Time	Title	Chairs
Dutch time 08.30 – 08.50 China time 14.30 – 14.50	**Opening of the conference** ° Opening remark given by Prof. F. Chen, Nanjing Agricultural University. ° Opening remarks given by Prof. Arthur Mol, Rector Magnificus and Vice-President Executive Board of Wageningen University & Research.	Nico Heerink/ Shi Xiaoping
Dutch time 08.50 – 09.20 China time 14.50 – 15.20	**Keynote speaker 1: Agriculture Green Development, Experiences in China.** **Fusuo Zhang** *Professor at College of Resources and Environment, China Agricultural University, Beijing, China*	Nico Heerink (Wageningen University)
Dutch time 09.20 – 09.50 China time 15.20 – 15.50	**Keynote speaker 2: The sense and nonsense of nature-inclusive agriculture: experiences in the Netherlands** **Martijn van der Heide** *Professor by Special Appointment in Nature-inclusive Rural Development, University of Groningen, the Netherlands*	Shi Xiaoping (Nanjing Agricultural University)
Dutch time 09.50 – 10.00 China time 15.50 – 16.00	Coffee / tea break	
Dutch time 10.00 – 11.20 China time 16.00 – 17.20	**Parallel sessions:** **Session 1A: Rural Land Management** ° Land tenure security and households' agricultural investments *Guangcheng Ren, College of Public Administration, Nanjing Agricultural University, Nanjing* ° What's the future of aging agriculture? The intergenerational effects of adult children's migration on land rental decisions of elderly parents left behind *Lijing Zhang, China Academy for Rural Development (CARD), Department of Agricultural Economics and Management, Zhejiang University, China* ° Does the land rental market decrease fertilizer inputs in agriculture? Evidence from rural China *Liang Tang, College of Public Administration, Nanjing Agricultural University, Nanjing, China* ° The long-term impact of land certification on resources reallocation and intra-village inequality: evidence from China *Minjie Chen, Development Economics Group, Wageningen University, the Netherlands*	**Session chair:** Xianlei Ma (Nanjing Agricultural University)
Dutch time 10.00 – 11.20 China time 16.00 – 17.20	**Session 1B: Nutrient Management and Efficiency** ° Nitrogen embodied in food supply chain in BTH region: 1978-2018 *Di Chen, Tsinghua University, Beijing, China* ° Nitrogen losses to water and air: the food chain approach for Quzhou in China *Fanlei Meng, College of Resources and Environmental Science, National Academy of Agriculture Green Development, China Agricultural University, Beijing, China* ° Nutrient use efficiencies and losses on intensive dairy farms in China *Meixiu Tan, Soil Biology Group, Wageningen University, The Netherlands* ° Nitrogen and phosphorus recovery efficiency of livestock slurry treatment technologies- a meta-analysis *Shengli Shi, China Agricultural University, Beijing, China*	**Session chair:** Oene Oenema (Wageningen University)
Dutch time 10.00 – 11.20 China time 16.00 – 17.20	**Session 1C: Livestock Production and Manure Management** ° How did the grassland degradation and livestock production response to the ecological conservation policy on the Qinghai-Tibetan. *Min Liu, College of Pastoral Agriculture Sciences and Technology, Lanzhou University, China* ° Livestock production and river quality: a multi-pollutant approach for China *Yanan Li, Water Systems and Global Change Group, Wageningen University, the Netherlands* ° Cooperation between specialized livestock and crop farms can reduce environmental footprints and increase net profits in livestock production *Yifei Ma, College of Resources and Environmental Sciences, China Agricultural University, Beijing, China* ° Manure management for diminishing environmental pollution and improving soil quality in China *Yong Hou, College of Resources and Environmental Sciences, China Agricultural University, Beijing, China*	**Session chair:** Yong Hou (China Agricultural University)

Dutch time 11.20 – 12.00 China time 17.20 – 18.00	Lunch / Dinner	
Dutch time 12.00 – 12.30 China time 18.00 – 18.30	**Keynote speech 3: Governance Reform for Sustainable and Equitable Forest Management: Evidence from Ethiopia**. **Erwin Bulte** *Professor at Development Economics Group, Wageningen University, the Netherlands.*	Shi Xiaoping (Nanjing Agricultural University)
Dutch time 12.30 – 13.50 China time 18.30 – 19.50	**Session 2A: Personality, Preferences, and Agricultural Production** ° Do farmers' personalities affect how well they perform? The impact of personality traits on the technical efficiency of Chinese rice farmers *Chen Qian, Development Economics Group, Wageningen University, the Netherlands* ° Farmers' preferences for incentives to recycle manure: a choice experiment in China *Tao Zhang, College of Resources and Environmental Sciences, China Agricultural University, Beijing, China* ° The impacts of consumers' perception and economic preferences on the willingness to pay for meat alternatives in China *Yingying Huang, Department of Agricultural Economics and Rural Development, University of Göttingen, Germany*	**Session chair:** Gerrit Antonides (Wageningen University)
Dutch time 12.30 – 13.50 China time 18.30 – 19.50	**Session 2B: Food and Natural Resources Nexus** ° Accessing safe and fresh vegetables: Equity in the food environment of urban China *Alita, Environmental Policy Group, Wageningen University, the Netherlands* ° Eat safe, but no waste: Chinese households' meat storage, consumption, and waste *Huashu Wang, Guizhou University, Guizhou, China* ° Household food consumption among different income levels in grassland areas: A case study based on fuzzy cognitive mapping *Wanni Yang, China Center for Agricultural Policy, School of Advanced Agricultural Sciences, Peking University, Beijing, China* ° Food waste and carbon footprint measurement in Chinese university canteens ——Based on a survey of 29 universities in 29 provinces *Qingling Rao, School of Grain and Materials, Nanjing University of Finance and Economics, Nanjing, China*	**Session chair:** Peter Oosterveer (Wageningen University)
Dutch time 12.30 – 13.50 China time 18.30 – 19.50	**Session 2C: Driving Factors of Fertilizer Use** ° Taking into account heterogeneity of farmers and farmland: Impacts of farm size on synthetic fertilizer use *Bin Lin, China Academy for Rural Development, Zhejiang University, China* ° The Adoption of Formula Fertilizers and Farmers' Rice Production: Evidence from Large-scale Rice Farmers in South China *Jing Li, College of Public Administration, Nanjing Agricultural University, Nanjing, China* ° Assessing impacts of China's synthetic fertilizer use policy: Contributions toward sustainable pathways *Xiaoxi Wang, China Academy for Rural Development (CARD), Department of Agricultural Economics and Management, Zhejiang University, China* ° Best irrigation and fertilization management practice for farmers adoption in the North China Plain *Xiulu Sun, Institute of Farmland Irrigation of Chinese Academy of Agricultural Sciences, Xinxiang, China*	**Session chair:** Shuyi Feng (Nanjing Agricultural University)
Dutch time 13.50 – 14.00 China time 19.50 – 20.00	Coffee / tea break	

Dutch time 14.00 – 15.20 China time 20.00 – 21.20	**Session 3A: Resources and Water Management** ◦ Nexus of food and natural resources in the Anthropocene: A review *Huirong Yu, School of Environment, Tsinghua University, Beijing, China* ◦ Food and water: Solutions for reducing agrochemical pollution *Jing Yang, Center for Agricultural Resources Research, Institute of Genetic and Developmental Biology, The Chinese Academy of Sciences, Shijiazhuang, China* ◦ Meeting the water redlines in China: Implications for food, trade, and GHG emissions *Meng Xu, Department of Agricultural Economics and Management, China Academy for Rural Development, Zhejiang University, Hangzhou, China* ◦ Optimal allocation of cropland requisition-compensation based on food security and ecological protection: A multiscale administrative perspective *Weiwei Zheng, Northwest Agriculture & Forestry University, Yangling, China*	**Session chair:** Xueqin Zhu (Wageningen University)
Dutch time 14.00 – 15.20 China time 20.00 – 21.20	**Session 3B: Rural Institutions and Governance** ◦ Policy Design of Land Conservation in Rural China: A Discrete Choice Experiment Approach *Jie Sun, College of Public Administration, Nanjing Agricultural University, Nanjing, China* ◦ How Does Rural Construction Land Transfer Facilitate Rural Secondary and Tertiary Industry Development? An Archetype Analysis of 20 Typical Projects *Rongyu Wang, School of Public Affairs, Xiamen University, Xiamen, China* ◦ Public space and rural households' collective action: An empirical analysis with rural communities in Eastern China *Shanshan Miao, Development and Research Institute of Central Jiangsu Yangzhou University, Yangzhou, China* ◦ Village Governance Democratization, Tenure Security and Contract Choice *Na Li, Nanjing Agricultural University, Nanjing, China*	**Session chair:** Rong Tan (Zhejiang University)
Dutch time 14.00 – 15.20 China time 20.00 – 21.20	**Session 3C: Agricultural Environment and Pollution** ◦ An environmental life-cycle assessment of concentrated apple juice production: A case study in China *Juanjuan Cheng, College of Economics and Management, Northwest Agriculture and Forestry University, Yangling, China* ◦ Impacts of China's minimum procurement price program on agrochemical use: A household-level analysis *Min Su, College of Public Administration, Nanjing Agricultural University, Nanjing, China* ◦ Anthropogenic activities increase multiple pollutants in Chinese rivers *Qi Zhang, Water Systems and Global Change Group, Wageningen University, the Netherlands* ◦ Identifying critical source areas of nutrients under different hydrological conditions using different calibration approach *Meijun Chen, Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences, and Key Laboratory of Nonpoint Source Pollution Control, Ministry of Agriculture and Rural Affairs, Beijing 100081, China*	**Session chair:** Carolien Kroeze (Wageningen University)
Dutch time 15.20 – 15.40 China time 21.20 – 21.40	**Integrated analysis of land, water and food nexus (SURE+)** *Nico Heerink, Development Economics Group, Wageningen University, the Netherlands & Xiaoping Shi, College of Public Administration, Nanjing Agricultural University, China.*	**Session chair:** Arie Kuyvenhoven (Wageningen University)
Dutch time 15.40 – 15.50 China time 21.40 – 21.50	**Announcement of SuReFood Alliance** *Nico Heerink, Professor at Development Economics Group, Wageningen University, the Netherlands.*	**Session chair:** Arie Kuyvenhoven (Wageningen University)
Dutch time 15.50 – 16.00 China time 21.50 – 22.00	**Closing remarks** *Xiaoping Shi, Professor at College of Public Administration, Nanjing Agricultural University, China.*	