



The 9th Agriculture Green Development Symposium

Sino-Dutch AGD project annual meeting

第九届中荷 AGD 交叉创新型人才培养 项目会议

Location: Beijing/ Online (地点: 北京/线上)

Wageningen/ Online (地点: 瓦赫宁根/线上)

22nd -24th May 2024 (2024 年 5 月 22 -24 号)

Organizers (主办方) : China Agricultural University (中国农业大学)

Wageningen University & Research (瓦赫宁根大学)

Hainan University (海南大学)



Day 1 | 22 May 2024, Chair: Dr. Maryna Strokal**Venue 1:** Meeting room 5-318, Zihuan Building, China Agricultural University, Beijing**Venue 2:** Lumen 1+2, Wageningen Campus**TEAMs Link for 22 May:**

Meeting ID: 341 928 433 613; Passcode: GPo5g2

8:30-8:40 (Dutch) 14:30-14:40 (China)	Welcome address	Maryna Strokal
8:40-9:05 (Dutch) 14:40-15:05 (China)	Keynote 1 Introduction to five-year progress of the SINO-DUTCH AGD project	Prof. Yong Ho
9:05-9:25 (Dutch) 15:05-15:25 (China)	Large scale impacts of optimized management practices on nitrogen cycling and nitrogen losses from croplands	Dr. Luncheng You (Graduated in 2023, 2+2)
9:25-9:45 (Dutch) 15:25-15:45 (China)	From in vivo to in silico: dissecting maize nitrogen use efficiency through 3D plant modeling	Dr. Jie Lu (online) (Graduated in 2024, 1+3)
Break (30 min)		
10:15-11:15 (Dutch) 16:15-17:15 (China)	Ceremony to celebrate the Five-year anniversary of AGD Project -Speech by Qixin Sun (10 min) -Speech by Carolien Kroeze (10 min) -Xiaoyong Zhang (Collaboration between WUR and CAU, 15 min, WUR)) -Jianbo Shen (Collaboration on AGD PhD training, 15 min, offline, CAU share) -Online group photo and closure	Prof. Carolien Kroeze Prof. Qixin Sun
11:15-11:45 (Dutch) 17:15-17:45 (China)	Keynote 2 European Sustainable Nutrient Initiative: Clustering projects for bridging the gap from research to implementation	Dr. Nagore Guerra Gorostegi (BETA Technological Centre, Spain, online)

Day 2 | 23 May 2024**Venue 1:** Meeting room 5-318, Zihuan Building, China Agricultural University, Beijing**Venue 2:** Orion, room C2030, Wageningen Campus**TEAMs link for 23 May:**

Meeting ID: 334 045 343 701; Passcode: hhwbAy

Theme 1 Green environment, Chair: Dr. Maryna Strokal

8:30-9:00 (Dutch) 14:30-15:00 (China)	Summary report- theme 1	Dr. Wen Xu
9:00-9:30 (Dutch) 15:00-15:30 (China)	Keynote 3 The Pathway to Achieve Green-Ecological Environment: Taking PM2.5 and Nitrogen Deposition as Examples.	Prof. Xuejun Liu
9:30-10:10 (Dutch) 15:30-16:10 (China)	<ol style="list-style-type: none"> 1. Pollution and agriculture: multi-pollutant perspectives 2. Multiple pollutants in water from livestock production in China 3. Optimization of spatial manure recycling strategies in Chinese agriculture to reduce environmental pollution 	Dr. Mengru Wang Yanan Li (1+3, Grade 2019) Weikang Sun (1+3, Grade 2021)

Break (20 min)

Theme 2 Green Animal Production, Chair: Prof. Simon Oosting

10:30-11:00 (Dutch) 16:30-17:00 (China)	Summary report- theme 2	Prof. Yong Hou
11:00-11:30 (Dutch) 17:00-17:30 (China)	Keynote 4 Optimizing manure management for increased agronomic and environmental sustainability	Prof. Erik Meers (online, UGent University);
11:30-12:20 (Dutch) 17:30-18:20 (China)	<ol style="list-style-type: none"> 1. The sustainability of livestock systems can be improved through livestock reallocation 2. The asymmetric impacts of feeding China's monogastric livestock with food waste on food 	Weitong Long (1+3, Grade 2020) Guichao Dai (2+2, Grade 2020); Prof. Oene Oenema (20 min)

	<p>security and environmental sustainability</p> <p>3. Exploring options for integrating crop and animal production systems</p>	
Day 3 24 May 2024		
<p>Venue 1: Meeting room 5-318, Zihuan Building, China Agricultural University, Beijing</p> <p>Venue 2: Lumen 1+2, Wageningen Campus</p> <p>TEAMs link for 24 May:</p> <p>Meeting ID: 380 073 073 297; Passcode: N556gL</p>		
Theme 3 Green governance, Chair: Prof. Nico Heerink		
8:30-9:00 (Dutch) 14:30-15:00 (China)	Summary report- theme 3	Prof. Xuexian Li
9:00-9:30 (Dutch) 15:00-15:30 (China)	Keynote 5 Land Tenure Institutions and Green Agricultural Development in China	Prof. Nico Heerink
9:30-10:10 (Dutch) 15:30-16:10 (China)	Labelling for sustainable development: perspective from both production and marketing	Hans van Trijp Haoran Li (1+3, Grade 2020) Juhui Chen (2+2, Grade 2020)
Break (20 min)		
Theme 4: Green Plant Production, Chair: Dr. Wopke van der Werf		
10:30-11:00 (Dutch) 16:30-17:00 (China)	Summary report- theme 4	Prof. Wenfeng Cong
11:00-11:30 (Dutch) 17:00-17:30 (China)	Keynote 5 A systematic review of the methodology of trade-off analysis in agriculture	Timo Breure (online, European Commission's Joint Research Centre, Italy)
11:30-12:20 (Dutch) 17:30-18:20 (China)	<ol style="list-style-type: none"> Empowering Soil Health: Innovative Sustainable Solutions; Orchestrating arbuscular mycorrhizal fungi with nosZ-type denitrifiers in reducing N₂O 	<ol style="list-style-type: none"> Prof. Junling Zhang (20 min) Ruotong Zhao (online, 2+2, Grade 2020) Yizan Li (1+3, Grade 2020)

	<p>emissions</p> <p>3. A soil-based decision support system to assess primary productivity in double cropping system: A case study in the North China Plain;</p>	
<p>12:20-12:30 (Dutch)</p> <p>18:20-18:30 (China)</p>	<p>Closing</p>	<p>Dr. Maryna Stokal</p> <p>Prof. Yong Hou</p>