



AgroEnviron 2018

Agricultural Science Innovation
Coping with Environment Changes

Symposium Program



心连心化肥
XINLIANXIN FERTILISER



Oct.14~18, Nanjing, China

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会议组织机构 Symposium Organization

主办 Organizers:

- 中国土壤学会
The Nitrogen Group of Soil Science Society of China (SSSC)
- 中国科学院南京土壤研究所
Institute of Soil Science, Chinese Academy of Sciences (ISSCAS)
- 江苏省土壤学会
Soil Science Society of Jiangsu Province

承办 Host Organizers:

- 土壤与农业可持续发展国家重点实验室
State Key Laboratory of Soil and Sustainable Agriculture, China
- 中国科学院土壤环境与污染修复重点实验
National Engineering Laboratory for Soil Nutrient Management, China
- 土壤养分管理国家工程实验室
Key Laboratory of Soil Environment & Pollution Remediation, CAS
- 江苏常熟农田生态系统国家野外科学观测研究站
Changshu National Agro-Ecosystem Observation and Research Station, China

赞助 Sponsors:

- 河南心连心化肥有限公司
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- 主席: 颜晓元, 研究员, 中国科学院南京土壤研究所
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- 秘书长: 王慎强, 研究员, 土壤养分管理国家工程实验室
Secretary General: **Prof. Shenqiang Wang**, National Engineering Laboratory for Soil Nutrient Management, China

第十一届国际农业环境研讨会
11th International Symposium on Agriculture and the Environment

• 委员 Committee members:

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Hanqing Yu, Laboratory of Agricultural Environment and Sustainable Development, Chinese Academy of Agricultural Sciences

Chunxia Luo, Soil Science Society of Jiangsu Province

Wushuang Li, Journal of Agro-Environment Science

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Xiuhua Li, Key Laboratory of Soil Environment & Pollution Remediation, CAS

Wei Zhou, Shuwei Wang, Changshu National Agro-Ecosystem Observation and Research Station, China

Yiming Wang, Yongqiu Xia, Li Ma, Hu Zhou, Jun Shan, Ju Min, Guangbin

Zhang, Yu Wang, Chaopu Ti, Institute of Soil Science, Chinese Academy of Science

Yi Cheng, Nanjing Normal University, China

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Dongmei Zhou, Institute of Soil Science, CAS

Fangjie Zhao, Nanjing Agriculture University, China

Tianzhi Ren, Chinese Academy of Agricultural Sciences

Surinder Saggarr, Landcare Research, New Zealand

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Tomoyuki Makino, Northeastern University of Japan
Linzhang Yang, Jiangsu Academy of Agricultural Sciences, China
Alceu Pedrotti, DEA-UFS, Brazil
Deb Jaisi, University of Delaware, USA
Yujun Wang, Institute of Soil Science, CAS
John N. Quinton, Lancaster University, UK
Peter Dörsch, Norwegian University of Life Sciences, Norway
Andreas Klik, BOKU - University of Natural Resources and Life Sciences Vienna, Austria
Cade-Menun Barbara, Agriculture and Agri-Food Canada
Fenli Zheng, Northwest A&F University/ Institute of Soil and Water Conservation, CAS & MWR, China
Gu Feng, China Agricultural University, China
Jagdish K. Ladha, University of California, Davis USA
Xuejun Liu, China Agricultural University, China
Hanqin Tian, Auburn University, USA
Hailin Zhang, Oklahoma State University, USA
Zhihua Shi, Huazhong Agricultural University, China
Cameron M. Pittelkow, University of Illinois, USA
Liping Weng, Wageningen University, Germany
Atila Çağlar, Kastamonu University, Turkey
Xudong Zhang, Institute of Applied Ecology, CAS
Renkou Xu, Institute of Soil Science, CAS
Bahattin Aydın, Kastamonu University, Turkey
Tomas Dostal, CTU Prague, Czech Republic
Jose Gomez, Institute for Sustainable Agriculture, Spain
Jianbin Zhou, Nanjing Forestry University, China

秘书长: **赵旭**, 中国科学院南京土壤研究所

Secretary General: **Xu Zhao**, Institute of Soil Science, CAS

会议议程

Conference Agenda

※会议地点：南京维景国际大酒店

※Symposium Venue: Nanjing Grand Metro Park Hotel

日期 Date	时间 Time	地点 Location	活动内容 Activities
10月14日 October 14	全天 9:00 ~ 22:00	一楼大厅 Lobby	会议报到注册 Registration
10月15日 October 15	9:00 ~ 9:20	二楼宴会厅 2 nd Floor, Ballroom	开幕式 Opening Ceremony
	9:20 ~ 12:20	二楼宴会厅 2 nd Floor, Ballroom	大会报告 Plenary Session
	12:20 ~ 13:30	一楼咖啡厅、三楼查理厅 1 st Floor, The Coffee; 3 rd Floor, The Charlie's	午餐 Lunch
	13:30 ~ 17:40	二楼宴会厅 2 nd Floor, Ballroom	大会报告 Plenary Session
	18:30 ~ 20:30	二楼宴会厅 2 nd Floor, Ballroom	招待晚会 Reception Buffet
10月16日 October 16	8:30 ~ 12:10	二楼宴会厅 2 nd Floor, Ballroom	大会报告 Plenary Session
	12:10 ~ 13:30	一楼咖啡厅、三楼查理厅 1 st Floor, The Coffee; 3 rd Floor, The Charlie's	午餐 Lunch
	13:30 ~ 17:50	二楼宴会厅 A 厅 2 nd Floor, Ballroom A	分会专题报告: 水土保持与土壤肥力 Parallel Session 1: Soil and Water Conservation and Soil Fertility
		二楼宴会厅 B 厅 2 nd Floor, Ballroom B	分会专题报告 2: 碳氮磷循环与环境变化 Parallel Session 2: Soil C, N and P Cycles and Environment Changes

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		二楼宴会厅 C 厅 2 nd Floor, Ballroom C	分会专题报告 3: 土壤污染修复 Parallel Session 3: Remediation of Contaminated Soils
		二楼禄园厅 2 nd Floor, Luyuan Hall	分会专题报告 4: 农业面源污染防控 Parallel Session 4: Agricultural Non-point Source Pollution Control and Management
		二楼沁园厅 2 nd Floor, Qinyuan Hall	分会专题报告 5: 农业废弃物资源化利用 Parallel Session 5: Agricultural Waste Management and Utilization
	18:00 ~ 19:30	一楼咖啡厅 1 st Floor, The Coffee;	晚餐 Dinner
10 月 17 日 October 17	全天 8:00 ~ 18:00	详见野外考察介绍 See field tour Manual	野外考察 Field Trip
	18:00 ~ 19:30	一楼咖啡厅 1 st Floor, The Coffee	晚餐 Dinner
10 月 18 日 October 18	8:30 ~ 12:00	二楼宴会厅 2 nd Floor, Ballroom	大会报告 Plenary Session
	12:00 ~ 13:30	一楼咖啡厅、三楼查理厅 1 st Floor, The Coffee; 3 rd Floor, The Charlie's	午餐 Lunch
	13:30 ~ 16:00	二楼宴会厅 2 nd Floor, Ballroom	大会报告 Plenary Session
	16:00 ~ 16:40	二楼宴会厅 2 nd Floor, Ballroom	闭幕式 Closing Ceremony

详细日程

Schedule

10 月 15 日上午 (October 15 , 9:00 ~ 12:20, am)			
1. 大会开幕式 Opening Ceremony			
主持人：颜晓元 Chair：Xiaoyuan Yan 地点：二楼宴会厅 Location：2 nd Floor , Ballroom			
时间 Time	内容 Activities		
9:00 ~ 9:10	朱兆良致开幕词 Speech by Zhaoliang Zhu		
9:10 ~ 9:20	领导及嘉宾致辞 Speech by Distinguished Guests		
2. 大会报告 Plenary Session			
地点：二楼宴会厅 Location：2 nd Floor , Ballroom ※要求：每个会议报告 30 分钟（ 报告 25 分钟，讨论 5 分钟） ※Requirements：25 minutes for Talk and 5 minutes for Questions			
主持人：颜晓元, Cameron M. Pittelkow Chairs: Xiaoyuan Yan, Cameron M. Pittelkow			
时间 Time	报告题目 Title	报告人 Speaker	单位 Affiliation
9:20 ~ 9:50	Challenges in Soil Erosion Research and Process- Based Model Development	Chi-hua Huang	USDA-Agricultural Research Service, USA
9:50 ~ 10:20	Impact of Soil Contamination on Food Safety and Mitigation Strategies	Fangjie Zhao	Nanjing Agriculture University, China
10:20 ~ 10:50	照相（ 地点：主楼左边小花园 ） Photo Taking (East Garden on left front of the main building)		

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10:50 ~ 11:20	Nitrogen Flow Analysis for China	Zucong Cai	Nanjing Normal university, China
11:20 ~ 11:50	Recent Research Activities on Risk Management of Hazardous Trace Elements in Japan	Tomoyuki Makino	Northeastern University of Japan
11:50 ~ 12:20	Trichoderma-bioorganic Fertilizer and Acting Mechanisms of Trichoderma on Plant Roots	Qirong Shen	Nanjing Agriculture University, China

10月15日下午 (October 15 , 13:30 ~ 17:40, pm)

大会报告 Plenary Session

地点：二楼宴会厅

Location : 2nd Floor , Ballroom

※要求：每个会议报告 30 分钟（报告 25 分钟，讨论 5 分钟）

※Requirements : 25 minutes for Talk and 5 minutes for Questions

主持人：赵方杰, Chi-hua Huang

Chairs: Fangjie Zhao, Chi-hua Huang

13:30 ~ 14:00	Status of Process-based Prediction Technology for Use in Soil Conservation Planning Activities in the United States	Dennis Flanagan	USDA-Agricultural Research Service , USA
14:00 ~ 14:30	Significance of Soil Erosion in Carbon Sequestration Evidenced from FRN and SOC Measurements	Yong Li	Chinese Academy of Agricultural Sciences
14:30 ~ 15:00	Minimizing Environmental Risks from Manure and Biosolids Land Application	Hailin Zhang	Oklahoma State University, USA
15:00 ~ 15:30	Slow/Controlled- Release Fertilizers Enhancing Nutrient Use Efficiency and Environmental Benefits	Min Zhang	Shandong Agriculture University, China
15:30 ~ 16:10	Coffee Break and Poster Presentation		
16:10 ~ 16:40	Soil Management Approaches to Control Diffuse Pollution: a UK Perspective	John N. Quinton	Lancaster University, UK

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16:40 ~ 17:10	Nitrogen Deposition and Its Impacts on Soils in China	Xuejun Liu	China Agricultural University
17:10 ~ 17:40	Long-term effects of conservation tillage under Austrian conditions	Andreas Klik	University of Natural Resources and Life Sciences Vienna, Austria

10 月 16 日上午 (October 16 , 8:30 ~ 12:10, am)

大会报告 Plenary Session

地点：二楼宴会厅

Location : 2nd Floor , Ballroom

※要求：每个会议报告 30 分钟（报告 25 分钟，讨论 5 分钟）

※Requirements : 25 minutes for Talk and 5 minutes for Questions

主持人：John N. Quinton, 张民

Chairs: John N. Quinton, Min Zhang

8:30 ~ 9:00	Climate Changes, Agricultural Greenhouse Gases, and Carbon and Nitrogen dynamics.	Surinder Saggar	Landcare Research, Palmerston North, NewZealand
9:00 ~ 9:30	Linking Watershed landscape Patterns to Soil Erosion and Sediment Yield	Zhihua Shi	Huazhong Agricultural University, China
9:30 ~ 10:00	Mitigating N ₂ O Emissions from Soil: the Role of Soil pH Management	Peter Dörsch	Norwegian University of Life Sciences, Norway
10:00 ~ 10:40	Coffee Break and Poster Presentation		
10:40 ~ 11:10	Characteristics of Non-point Source Pollution and Its Control Technology in Countryside, China	Linzhang Yang	Jiangsu Academy of Agricultural Sciences, China
11:10 ~ 11:40	Agricultural Extensification and Intensification as Key Processes to Drive Climate Change: A Wake-up Call for Sustainable Agriculture	Hanqin Tian	Auburn University, USA

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11:40 ~ 12:10	Microbial Mediation of Soil Nitrogen Pools in Agroecosystem	Xudong Zhang	Institute of Applied Ecology, Chinese Academy of Sciences
10 月 16 日下午 (October 16 , 13:30 ~ 17:50, pm)			
分会报告 Parallel Session ※要求：每个会议报告 20 分钟（报告 15 分钟，讨论 5 分钟） ※Requirements : 15 minutes for Talk and 5 minutes for Questions			
主题 1: 水土保持与土壤肥力 Session 1: Soil and Water Conservation and Soil Fertility 地点：二楼宴会厅 A 厅 Location : 2nd Floor , Ballroom A			
主持人：史志华, Tomas Dostal Chairs: Zhihua Shi, Tomas Dostal			
13:30 ~ 13:50	Soil erosion, soil quality and crop yield in the Chinese Mollisol Region	Fenli Zheng	Northwest A&F University/ Institute of Soil and Water Conservation, CAS & MWR, China
13:50 ~ 14:10	Splash Erosion Measurements Under Natural Rainfall Conditions in Central Europe and New Zealand	Andreas Klik	University of Natural Resources and Life Sciences Vienna, Austria
14:10 ~ 14:30	Nitrogen Fertilization Increases Soil Organic Matter Accumulation by Coatings at Biogeochemical Interfaces	Xizhi Huang	Institute of Subtropical Agriculture, Chinese Academy of Sciences
14:30 ~ 14:50	Adoption of No-tillage to Mitigate Compaction Effect on Nitrogen Loss and Subsequent Barley Production	Wei Hu	Plant & Food Research, New Zealand
14:50 ~ 15:10	Mapping Soil Fertility at Farm of Amir Mohammad Khan Campus At Mardan, Pakistan Using Geostatistical Approach	Nazia Tahir	Abdul wali khan University, Pakistan
15:10 ~ 15:30	Land Use Effects on Physicochemical Properties of Soil in Miandam Valley, Swat, Pakistan	Nowsher Yousaf	University of Peshawar, Pakistan
15:30 ~ 15:50	Coffee Break		

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主持人：郑粉莉, Klik Andreas Chairs: Fenli Zheng, Klik Andreas			
15:50 ~ 16:10	Nature-close Measures in the Landscape as Integrated Approach to Drought and Flood Management	Tomas Dostal	CTU Prague, Czech Republic
16:10 ~ 16:30	Sugarcane-Soybean Intercropping Alter the Composition of N-cycling Microbes in Rhizosphere Soil revealed by the DNA-Stable Isotope Probing	Lingling Yu	South China Agricultural University
16:30 ~ 16:50	SHui - a Soil Hydrology Research Platform Underpinning Innovation to Manage Water Scarcity in European & Chinese Cropping Systems	Jose Gomez	Institute for Sustainable Agriculture, Spain
16:50 ~ 17:10	Estimating Post-fire Erosion at Near Real-time After Storm Events	Xihua Yang	NSW Office of Environment and Heritage, Australia
17:10 ~ 17:30	Long-term Fertilization of Nitrogen, Phosphorous and Manure Differently Affected Nitrification- and Denitrification-related N ₂ O Productions in the Loess Plateau	Zhi Qu	Xi'an University of Technology, China
17:30 ~ 17:50	Interactions Between Bt Maize Residues Return and Earthworms Eisenia fetida Affect Greenhouse Gas Emissions, Carbon and Nitrogen Cycling Traits in Soil	Yinghua Shu	South China Agricultural University
主题 2: 土壤碳氮磷循环 Session 2: Soil C, N and P Cycles and Environment Changes 地点：二楼宴会厅 B 厅 Location：2nd Floor, Ballroom B			
主持人：王秀君, 张广斌 Chairs: Xiujun Wang, Guangbin Zhang			
13:30 ~ 13:50	Modification of Coal to Mitigate Ammonia Emissions from Feedlots	Wei Zhang	The University of Melbourne, Australia
13:50 ~ 14:10	Quantification of nitrous oxide emissions and emission factors from beef and dairy cattle excreta deposited on grazed pastoral hill lands	Surinder Saggar	Landcare Research, New Zealand

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14:10 ~ 14:30	N Fertilization Stabilize Soil Carbon by Enhancing Temperature Sensitivity and Reducing Decomposition of Soil Organic Matter	Mingsheng Fan	China Agricultural University
14:30 ~ 14:50	N ₂ O Emission Contributions by Different Pathways and Associated Microbial Community Dynamics in a Typical Calcareous Vegetable Soil	Liping Guo	Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences
14:50 ~ 15:10	Mechanisms of Nitrification Inhibitors Reducing Nitrous Oxide Emissions in an Agricultural Soil	Lan Ma	Institute of Solid State Physics, Chinese Academy of Sciences
15:10 ~ 15:30	Estimating Agro-ecosystem Carbon Balance of Northern Japan, and Comparing the Change in Carbon Stock by Soil Inventory and Net Biome Productivity	Xi Li	Southwest Petroleum University, China
15:30 ~ 15:50	Coffee Break		
主持人：范明生, Deb Jaisi Chairs: Mingsheng Fan, Deb Jaisi			
15:50 ~ 16:10	Carbon Sequestration as Soil Carbonate in the Cropland of North China: A Review and Perspective	Xiujun Wang	Beijing Normal University, China
16:10 ~ 16:30	Greenhouse Gases Emissions From Paddy Fields with Straw and Straw-Derived Biochar Amendments: Measuring and Modelling Studies	Jianlin Shen	Institute of Subtropical Agriculture, Chinese Academy of Sciences
16:30 ~ 16:50	The Effect of Brachiaria Grass on N ₂ O Emission in Tropical Lateritic Soil, China	Shuirong Tang	Hainan University, China
16:50 ~ 17:10	Stable isotope probing of active methane oxidizers in rice soils from cold regions of Northeastern China	Nasrin Sultana	Institute of Soil Science, Chinese Academy of Sciences
17:10 ~ 17:30	Soil C and N Dynamics and Their Non-additive Responses to Litter Mixture under Different Moisture Conditions from an Alpine Steppe	Xuyang Lu	Institute of Mountain Hazards and Environment, Chinese Academy of Sciences

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	Soil, Northern Tibet		
17:30 ~ 17:50	Study on the Transformation of Different Forms of Phosphorus by Polyphosphate Bacteria in Soil	Cheng Wei	Jilin Agricultural University, China
<p style="text-align: center;">主题 3: 土壤污染修复 Session 3: Remediation of Contaminated Soils</p> <p>地点 : 二楼宴会厅 C 厅 Location : 2nd Floor , Ballroom C</p> <p>主持人 : Tomoyuki Makino, 王玉军 Chairs: Tomoyuki Makino, Yujun Wang</p>			
13:30 ~ 13:50	Long-term Effect of Different Fertilization and Cropping System on Antibiotic Resistome in Soil	Fang Wang	Institute of Soil Science, Chinese Academy of Sciences
13:50 ~ 14:10	Effects of Elevated CO ₂ on Cereal Crop Grain Quality of Metal Accumulation: Results from a Two-Level CO ₂ Enrichment Field Experiment	XiaoSan Luo	Nanjing University of Information Science & Technology, China
14:10 ~ 14:30	Sewage Sludge: Resource or Hazard?	Fidèle Suanon	University of Abomey-Calavi, Republic of Benin
14:30 ~ 14:50	Biochar Decreased Zn Bioavailability: Insights from Microscopic to Macroscopic Scales	Ping Wu	Institute of Soil Science, Chinese Academy of sciences
14:50 ~ 15:10	Effects on Metal Stabilization and Biochemical Properties due to the Application of Organic and Phosphorus Fertilizers in Cadmium-contaminated Soil	Yingxin Wu	South China Institute of Environmental Sciences
15:10 ~ 15:30	Application of different single extraction procedures for assessing the bioavailability of heavy metal(loid) in overlapped areas of farmland and coal resources soils	Ping Luo	China University of Mining and Technology, China
15:30 ~ 15:50	Coffee Break		
<p>主持人 : 王芳, 罗小三 Chairs: Fang Wang, Xiaosan Luo</p>			

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15:50 ~ 16:10	Feasibility of steel slag for remediation of acid metal contaminated soil	Liyun Yang	University of Science and Technology Beijing
16:10 ~ 16:30	Nutrients and moisture conditions shape soil microbial early colonization on soil micromodels	Yan Wang	China Agricultural University
16:30 ~ 16:50	Effect of Compost Amendment and Bioaugmentation on PAH Degradation and Microbial Community in Petroleum Contaminated soil	Manli Wu	Xi'an University of Architecture and Technology, China
16:50 ~ 17:10	Safe Utilization of Contaminated Agricultural Soils in E-waste Dismantling Regions: A Case Study	Wencheng Wu	South China Institute of Environmental Sciences, China
17:10 ~ 17:30	The leaching behaviour and assisting phytoextraction of biodegradable chelators for cadmium-contaminated soil by Pennisetum giganteum z.x.lin	Fangzhou Li	Southeast University , China
17:30 ~ 17:50	Extracellular Polymeric Substances (EPS) Facilitate E. coli Transportation in a Saturated Sand Column	Mengya Du	China Agricultural University

主题 4: 面源污染防控

Session 4: Agricultural Non-point Source Pollution Control and Management

地点：二楼禄园厅

Location：2nd Floor , Luyuan Hall

主持人：Hailin Zhang, 谷保静

Chairs: Hailin Zhang, Baojing Gu

13:30 ~ 13:50	Spatial Patterns and Distance-decay Effects of Non-point Source Nitrogen Loading in a Small Watershed in the Upper Yangtze River	Bo Zhu	Institute of Mountain Hazards and Environment, Chinese Academy of Sciences
13:50 ~ 14:10	Measuring and Modelling the 3D Distribution of a Urine Patch on a Grazed Pasture	Donna Giltrap	Manaaki Whenua Landcare Research, New Zealand
14:10 ~ 14:30	Field-based Sensing Technique for Real-time Monitoring Free Ammonia	Tianling Li	Nanjing University of Information Science & Technology, China
14:30 ~ 14:50	Condensate Emission from Natural Gas Burning for Water and Soil Pollution Evaluation by Allium Cepa	Sefa Pekol	Kastamonu University, Turkey

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	Test		
14:50 ~ 15:10	Strategy for Reducing Chemical Fertilizer and Increasing Efficiency in Vegetable Production Based on Greenhouse Soil Properties	Yan Ma	Jiangsu Academy of Agricultural Sciences, China
15:10 ~ 15:30	Atmospheric Reactive Nitrogen Emissions May Be Underestimated in Australia	Yi Sun	Zhejiang University , China
15:30 ~ 15:50	Coffee Break		
主持人：朱波, Sefa Pekol Chairs: Bo Zhu, Sefa Pekol			
15:50 ~ 16:10	Use of Soil Bacterial 16S rDNA markers for Sediment Fingerprinting in an Olive Covered Small Catchment in Southern Spain	Jose Gomez	Institute for Sustainable Agriculture, Spain
16:10 ~ 16:30	Policy Distortions, Farm Size, and the Overuse of Agricultural Chemicals in China	Baojing Gu	Zhejiang University , China
16:30 ~ 16:50	Loading and Bioavailability of Particulate Phosphorus in the Estuarine Gradient of the Deer Creek-Susquehanna River Transect	Qiang Li	University of Delaware, USA
16:50 ~ 17:10	High-resolution Imaging of Phosphorus Mobilization and Its Relationship With Iron Redox State in Sediments of Honghu Lake, China	Cong Yang	China University of Geosciences(Wuhan)
17:10 ~ 17:30	Agricultural Non-point Source Pollution Control Based on the Linkage of Crop and Livestock System	Qingwen Zhang	Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences
17:30 ~ 17:50	Microbial Degradation Mechanism of Several Herbicides	Xing Huang	Nanjing Agriculture University
主题 5: 废弃物资源化利用 Session 5: Agricultural Waste Management and Utilization 地点：二楼沁园厅			

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Location : 2 nd Floor , Qinyuan Hall			
主持人：薛利红, Atila ÇAĞLAR Chairs: Lihong Xue, Atila ÇAĞLAR			
13:30 ~ 13:50	Research and Industrialization on Green, Recycling and Sustainable Utilization of Agricultural Waste	Jianbin Zhou	Nanjing Forestry University, China
13:50 ~ 14:10	The Recycling Products of Forestry Wastes in Agricultural Land	Bahattin Aydinli	Kastamonu University, Turkey
14:10 ~ 14:30	Recovery of Unstable Digestion of Vegetable Waste by Adding Trace Elements Using Bicarbonate Alkalinity to Total Alkalinity Ratio as Early Warning Indicator	Dong Li	Chengdu Institute of Biology, Chinese Academy of Sciences
14:30 ~ 14:50	Mechanistic Aspect of Oriented Gasification for Biomass Valorization	Denian Li	Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences
14:50 ~ 15:10	Anaerobic digestion of biomass: gasification of residuals for H2-rich gas production	Beibei Yan	Tianjin University , China
15:10 ~ 15:30	Hydrothermal co-carbonization of sewage sludge and woody waste biomass for producing nutrient- rich soil amendment	Lei Zhang	Dalian University of Technology, China
15:30 ~ 15:50	Coffee Break		
主持人：周建斌, Bahattin Aydinli Chairs: Jianbin Zhou, Bahattin Aydinli			
15:50 ~ 16:10	The Process Innovation in The Assessment of Agricultural Waste	Atila ÇAĞLAR	Kastamonu University

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16:10 ~ 16:30	Effect of Treated Domestic Sewage Irrigation on CH ₄ and N ₂ O Emission and Related Soil Microbials in a Subtropic Straw-Returned Paddy System, China	Lihong Xue	Jiangsu Academy of Agricultural Sciences, China
16:30 ~ 16:50	Economical Combination of Different Organic and Inorganic Fertilizers to Increase Wheat Yield on Calcareous Soil	Aman Ullah	Abdul Wali Khan University, Pakistan
16:50 ~ 17:10	The biogas slurry resources utilizing technology approach and application	Yuxin Xu	Zhejiang Academy of Agricultural Sciences
17:10 ~ 17:30	Study on Biological Application of Straw decomposing agent in Composting of maize Straw	Ling Sun	Jilin Agricultural University
17:30 ~ 17:50	Interactions Between Aged Biochar, Fresh low Molecular Weight Carbon and Soil Organic Carbon After 3.5 Years Soil-biochar Incubations	Xinyu Jiang	Guangdong Institute of Eco-environmental Science & Technology, China

10 月 18 日上午 (October 18 , 8:30 ~ 12:10, am)

大会报告 Plenary Session

地点：二楼宴会厅 A 厅

Location：2nd Floor , Ballroom A

※要求：每个会议报告 30 分钟（报告 25 分钟，讨论 5 分钟）

※Requirements：25 minutes for Talk and 5 minutes for Questions

主持人：Dennis Flanagan; 翁丽萍

Chairs：Dennis Flanagan, Liping Weng

8:30 ~ 9:00	The Nitrogen Dilemma: Good and Bad	Jagdish K. Ladha	University of California, Davis USA.
9:00 ~ 9:30	Manipulating Organic Carbon to Enhance Soil Microbial P Turnover and P Utilization	Gu Feng	China Agricultural University
9:30 ~ 10:00	Reactive Nitrogen Index of Agricultural Products: Global Assessment	Deli Chen	The University of Melbourne, Australia

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10:00 ~ 10:20	The Environmental Challenges of Chinese Agriculture	Xiaoyuan Yan	Institute of Soil Science, Chinese Academy of Sciences
10:20 ~ 10:40	Coffee Break		
10:40 ~ 11:10	Understanding Phosphorus Cycling in Agricultural Soils to Minimize Environmental Impacts	Cade-Menun, Barbara	Agriculture and Agri-Food Canada
11:10 ~ 11:40	Loading vs Degradation of Phytate: An Enigmatic and Underestimated Source of Phosphorus Impacting Water Quality	Deb Jaisi	University of Delaware, USA
11:40 ~ 12:10	System Solution for Control of Nitrogen Pollution from Intensive Vegetable Fields in River Network Plain Area of Southern China	Weiming Shi	Institute of Soil Science, Chinese Academy of Sciences

10 月 18 日下午 (October 18 , 13:30 ~ 16:40, pm)

1. 大会报告 Plenary Session

地点：二楼宴会厅 A 厅

Location : 2nd Floor , Ballroom A

※要求：每个会议报告 30 分钟（报告 25 分钟，讨论 5 分钟）

※Requirements : 25 minutes for Talk and 5 minutes for Questions

主持人：Tomoyuki Makino；杨林章

Chairs：Tomoyuki Makino; Linzhang Yang

13:30 ~ 14:00	Increase Soil pH Buffering Capacity to Inhibit Soil Acidification Through Application of Biochars and Organic Manure.	Renkou Xu	Institute of Soil Science, Chinese Academy of Sciences
14:00 ~ 14:30	Multi-criteria Assessments for Sustainable Intensification	Cameron M. Pittelkow	University of Illinois, USA
14:30 ~ 15:00	Heavy Metal Pollution in Chinese Paddy Soil and Its Remediation	Dongmei Zhou	Institute of Soil Science, Chinese Academy of Sciences

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15:00 ~ 15:30	Development and Application of Donnan Membrane Technique	Liping Weng	Wageningen University, the Netherlands
15:30 ~ 16:00	Physical Characteristics of Ultisol under Tillage Systems, Previous Crops and Corn Production, in a Long Term Trial in the Brazilian Northeast	Pedrotti Alceu	DEA – UFS , Brazil

2. 大会闭幕式 Closing Ceremony

时间：16:00 ~ 16:40

Time: 16:00 ~ 16:40

主持人：颜晓元

Chair：Xiaoyuan Yan

地点：二楼宴会厅 A 厅

Location：2nd Floor , Ballroom A

Activities, subject to change :

Closing remark

Announcement of AgroEnviron 2020

※This is the first version of AgroEnviron2018 program. A minor revision on it may be possible based on some unpredictable situations. The final version of AgroEnviron2018 program will be released before Sep.20. Please contact us if you have suggestions on this program subject to change.

※Please note that if you had submitted oral presentations to AgroEnviron2018 but your name did not appear on the list of above-mentioned Plenary or Parallel Sessions, it means your talk was automatically transferred to poster sessions. This does not represent the quality of your research work. This is because that we have received so many abstracts but cannot arrange all of these as oral presentations due to space and time limitation. But we are always working hard and will still provide you the best knowledge-exchange experience in this great Symposium. Please check the poster presentation list as follows.

※If you have not registered for AgroEnviron2018, please access our website (<http://agr-env-2018.csp.escience.cn/dct/page/65540>) for registration and submit your abstract ASAP. Feel free to contact us if you need assistance or have questions.

墙报展示

Poster Presentation

※要求：

- 1) 墙报尺寸: **118.4 cm (高)、84.1cm (宽)**
- 2) 展示时间: 2018 年 10 月 15 日至 10 月 18 日
- 3) 主要内容: 墙报应包括**题目、主要作者 (含通讯作者联系方式)、单位、简要研究背景、主要材料方法、重要结果及结论、参考文献**等
- 4) 注意事项:
 - 墙报应色彩鲜明、图表文字清楚, 排版格式不限;
 - 墙报地点为: 二楼宴会厅前百米长廊;
 - 墙报集中讲解时间为 **10 月 15 日 15:30 ~ 16:10**, **10 月 16 日 10:00 ~ 10:40**; 请讲解人员届时在相应墙报前等候;
 - 请将墙报在 10 月 15 日 **9:00 前按照相应序号**张贴, 保留至 10 月 18 日 **16:40** 闭幕式结束

※Requirements :

- 1) Size: **118.4 cm (H), 84.1cm (W)**
- 2) Time : **October 15 ~ 18, 2018**
- 3) Contents : Materials must include Title, Author (Authors, corresponding author, and contacting address), Brief Introductions, Important M&M, Main findings, Conclusion, References, etc;
- 4) Note :
 - Visual and colorful displays of graphs, charts, photos; No strict limitation on the format organization; It is important that you prepare your poster so that it is easily readable from several feet away. Bring all illustrations needed-figures, tables, color photographs, charts, etc.
 - Poster Presentation location: Gallery in 2nd Floor , in front of Ballroom;
 - Times for presenting your poster is Oct.15, **15:30 ~ 16:10 pm** and **Oct.16, 10:00 ~ 10:40 am**. So please stand by there at that time and give elaborated explanation if someone has interest in your research or questions.
 - Please put up your poster before Oct.15, **9:00 am** according to the issued poster number and keep it stick on the board till **Oct.18, 16:40 pm**, when the symposium ends

主题 1：水土保持与土壤肥力

Session 1: Soil and Water Conservation and Soil Fertility

展位序号 Presentation No.	墙报题目 Presentation Title	第一作者等 Authors	第一作者单位 Affiliation of the leading author	提交 ID Submission ID.
101	Potential Evapotranspiration of Sugarcane Crop Estimated by Simple Algorithm for Evapotranspiration Retrieving	Jos éAlves Júnior, et al.	Federal University of Goiás, Brazil	1
102	A Preliminary Observation of Weeds Effects on Runoff and Soil Loss of	Xuexiong Wang	Gannan Normal University	11

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	Navel Orange Orchard in Gannan Region			
103	Crop Rotation Associated to Tillage Systems in The Production of Green Corn and Its Effects on Ultissol under Tropical Conditions in The Brazilian Northeast	Alceu Pedrotti, et al.	DEA – UFS, Brazil	16
104	Effects of Biogas Slurry and Residue Utilization on Soil Nutrient and Heavy Metal Accumulation	Xiaoying Pan	Institute of Plant Nutrition & Resource Environment, Henan Academy of Agricultural Sciences	19
105	Rainfall Kinetic Energy-Intensity Relationships Developed by Use of Disdrometer Data in Central Europe and New Zealand	Lisbeth Lolk Johannsen, et al.;	University of Natural Resources and Life Sciences Vienna, Austria;	35
106	Distinct Endophytic Communities Associate with Different Plants for Adaptation to Karst Environments	Li Fei, et al.;	Guizhou Normal University	36
107	Effects of Maize and Potato Intercropping on Root Exudates and Soil Aggregate Stability	Ting Wang	Yunnan Agricultural University	38
108	Crop Rotation with Straw Covering Effects on Wind Erosion in Arid Environment	Caihong Yang	Gansu agricultural university	39
109	Biochar Effect on Water Vapor Movement in Frozen Soils of Different Textures via Water Isotope Method	Lin Zhang, et al.;	China Agricultural University	41
110	Calibration and validation of a temperature-based Phenology Model for Three Autochthonous Cover Crops Species for Mediterranean Conditions in Southern Spain	Maria Auxiliadora Soriano, et al.;	University of Cordoba. Spain	58
111	The Improvement Effect of Earthworm Cast Co-applied with Coir on Saline Soil	Xiao Deng	Environment and Plant Protection Institute, Chinese Academy of Tropical Agricultural Sciences	84
112	The Proliferation and Decomposition of Periphyton on Inorganic Phosphorus Transformation at Soil-water Interface in The Paddy Soils	Jiuyu Li, et al.	Institute of Soil Science	102

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113	Short-term Study of Subalpine Forest Soils Reveals That Microbial Communities Are More Strongly Influenced by The Litter and Organic Layers Than Tree Roots	Luo Xia	Kunming Institute of Botany	113
114	Effects of Mulching, Plant Density and Nitrogen Fertilization on Grain Yield and Nitrogen Translocation Efficiency of Maize in Small Farmers of Northwest Loess Plateau, China	Xiukang Wang, et al.;	Yan'an University	119
仍有部分 poster 展位，提交截止时间 9 月 30 日				
We still have some space for poster presentations, please submit your abstract ASAP, Deadline, Sep.30				

主题 2：碳氮磷循环与环境变化

Session 1: Soil C, N and P Cycles and Environment Changes

展位序号 Prentention No.	墙报题目 Prentention Title	第一作者等 Authors	第一作者单位 Affiliation of the leading author	提交 ID Submission ID.
201	Soil Microbial Functional Genes Reveal The Mechanisms of Nitrogen Utilization in A Sugarcane-soybean Intercropping System with Reduced Nitrogen Application	Lingling Yu, et al.;	South China Agricultural University	27
202	Lateral and Longitudinal Variation in Phosphorus Fractions in Surface Sediment and Adjacent Riparian Soil in The Three Gorges Reservoir, China	Zhiyong Zhang	Institute of Hydroecology, Ministry of Water Resources and Chinese Academy of Sciences	29
203	Effect of Fumigation on Nitrogen Mineralization Processes in Different Soil Ecosystems	Zemeng Ma, et al.;	China Agricultural University.;	40
204	Soil Functional Microbial Communities Involved in Phosphorus Transformation as Influenced by Rotations with Legume	Fenghua Wang, et al.;	Shandong Agricultural University	46
205	Soil Water Storage and Soil Organic Carbon Stock in Apple Orchards with Different Planting years	Yilin Wang, et al.;	Northwest A&F University	48
206	The Total Spatial Nitrogen Budget for Great Britain	Xiangwen Fan	Durham University, United Kingdom	52
207	High Ammonification and Nitrification Rates in Calcareous Soil under Natural Forest in Karst Region of Southwestern China	Qianqian Lai	Institute of Karst Geology, Chinese Academy of Geological Sciences	59

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208	Identifying Sources of Anthropogenic N Pollution in The Huixian Karst Wetland by Dual Isotopes of Nitrate	Jing Zhu, et al.;	Guangxi Normal University;	63
209	Mitigated Greenhouse Gas emission and Maintained Harvest in Potato Field with Manure Application	Chaobiao Meng, et al.;	China Agricultural University	65
210	Repeated Application of Nitrpyrin Inhibits Nitrification, Mitigates Nitrous Oxide Emissions and Improves Nitrogen Utilization in Drip-fertigated Cotton Field	Tao Liu, et al.;	Shihezi University	70
211	Life Cycle Assessment of Organic and Chemical Fertilizers Production	Wenhua Piao, et al.;	Yanbian Univerisy	72
212	Effect of Extreme Weather on Biomass Yield and Methane Emission from Paddy Fields with Different Fertilizer Management	Huifeng Sun, et al.;	Shanghai Academy of Agricultural Sciences	83
213	Contribution of pH Shift Mediated-microbial Fermentative Processes and Microbial Community Succession to Iron(III) Reduction in Paddy Soils	Rong Jia, et al.;	Sichuan Normal University	87
214	Land-use Shift from Croplands to Apple-orchard Increased N Stocks and Mineral N Accumulation in Soils	Hongchao Qu, et al.;	Northwest A&F University	89
215	Spatial Distributions of Soil Organic Carbon and Inorganic Carbon in the Wheat-Maize Cropland of North China Plain	Wenxi Zhang, et al.;	Beijing Normal University	90
216	Seasonal to Interannual Variation of CO ₂ Production and Efflux in A Saline-alkali Soil with Gypsum and Wheat Straw Amendment	Junyi Wang, et al.;	Beijing Normal University	92
217	Dynamics of Soil Pedogenic Carbonate in the Cropland of North China Plain: Relationship with Soil Organic Carbon and Salts	Tongping Lu, et al.;	Beijing Normal University	93
218	Influences of Organic Amendment and Phosphate Fertilization on Soil Organic and Inorganic Carbon in A Saline-alkali Paddy Field of the Yellow River Delta	Haonan Zhen, et al.;	Beijing Nornmal University	96
219	Organic Carbon Input Significantly Affects The Abundance and Structure of Metabolically Active Anaeromyxobacter Community in Flooded Paddy Soils	Lina Li, et al.;	Shanxi Agricutural University	101

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220	Straw Incorporation Greatly Recycles Nutrient Resources and Reduces Negative Environmental Impacts in The Intensively Farmed Region: Experiences from A 4-decade Study	Fanqiao Meng, et al.;	China Agricultural University	104
221	Denitrification Activity and Denitrifying Functional Gene Abundances across Vegetation Recovery Phases in Karst ecosystems	Dandan Li, et al.;	Shenyang Agricultural University	112
222	The Effects of Nitrogen and Phosphorus Additions on Soil Extracellular Enzyme Activities in A Temperate Native Forest	Yuqian Tang, et al.;	Institute of Geographic Sciences and Natural Resources Research	117
223	Nitrogen Fixation is The Essential Nitrogen Source for The Growth of Biological Soil Crusts Regardless of Nitrogen Addition	Jiaoli Zheng, et al.;	Institute of Hydrobiology	123
224	Climate Warming Impacts on Soil Organic Carbon Fractions and Aggregate Stability in a Tibetan Alpine Meadow	Song Guan, et al.;	Jilin Agricultural University;	128
225	Dynamics of Greenhouse Gas Emissions Regulated by The Strategies of Straw Return and N Fertilization	Xin Ye, et al.;	China agricultural university	133
226	Small soil wetting proportion of drip irrigation and non-mulched with manure application enhanced methane oxidation in potato fields	Chaobiao Meng, et al.;	China Agricultural University	140
227	Identifying Sources and Cycling of Phosphorus in Sediments of Shallow Freshwater Lake Using Phosphate Oxygen Isotopes	Hezhong Yuan	Nanjing University of Information Science & Technology,	146
228	Vertical Distribution and Composition of Soil Organic Phosphorus in Apple-pear Orchard of Different Planting Ages in Northeast China	Weiwei Dong, et al.;	Agriculture College of Yanbian University	148
229	Effect of Different Flavonoids on the Rhizobium Growth and Root Hair Deformation of Faba Bean	Jingjing Wang et al.;	Yunnan Agricultural University	152
230	Plant Root Exudates as Affected by Interspecific Root Interaction in Maize and Soybean Intercropping System	Xiaomin Qin, et al.;	Yunnan Agricultural University	153
231	The Effect of Fertilizer and Water Inputs on GHGs Emissions Characteristics in Grape Yard	Zhang Jie	HeBei agriculture university	157

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232	Biochar's Role as an Electron Shuttle for Mediating Soil N ₂ O Emissions	Haijing Yuan et al.;	Fujian Agriculture and Forestry University	162
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主题 3：土壤污染修复

Session 3: Remediation of Contaminated Soils

展位序号 Prevention No.	墙报题目 Prevention Title	第一作者 等 Authors	第一作者单位 Affiliation of the leading author	提交 ID Submission ID.
301	Effects of Heavy Metal Compound Contaminated Soil on Yield of Several Leafy Vegetables and Cd & As Enrichment Effects	Yuan Meng , et al.;	Northwest A&F University;	32
302	Remediation of Hydrocarbon-heavy Metal Co-contaminated Soil by Electrokinetics Combined With Biostimulation	Yongsong Ma, et al.;	Southwest Petroleum University	60
303	Study on Adsorption Mechanism of Anionic Surfactant SDBS in Soil	Xin Xiong, et al.;	China University of Petroleum(East China)	66
304	Five Indigenous Plant Species Potentially Feasible for Phytoremediation of Heavy Metal Contaminated Soil in Baoshan Mining, China	Pan Pan, et al.;	Environment and Plant Protection Institute, Chinese Academy of Tropical Agricultural Science	76
305	Environment Risks for Application of Carbide Slag in Soils	Xiaobin Wang	Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences	80
306	Environment Risks for Application of Iron and Steel Slags in Soils in China	Xiang Yan	Institute of Agricultural Resources and Regional Planning, CAS	81
307	Assessment of Potentially Toxic Elements Pollution in Soils and Vegetables Near a Petrochemical Industrial Complex	Jing Cao	Lanzhou University	91
308	Effects of Different Alternative Fertilizers on Plant Morphology, Yield , Nitrogen, Phosphorus and Potassium Content of Pepper in Field	Chen Xin, et al.;	CATAS(Chinese Academy of Tropical Agricultural Sciences)	95

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309	An Estimation to Reductive Soil Disinfestation Method for Soil Remediation in a Degraded Biochar-amended Vegetable Field	Bo Li , et al.;	South China Agricultural University, et al.;	98
310	Phytoremediation Potential of Vetiver Grass for S-triazine Herbicides from Farm Land Soils	Shixian Sun, et al.;	Southwest Forestry University	114
311	Biodegradable Chelator Leaching Behavior and Assisted Phytoextraction for Cadmium-contaminated Soil by Pennisetum Giganteum	Yaping Zhang, et al.;	Southeast University	124
312	Environment Risks for Application of Magnesium Slag in Soils	Xiuying Li , et al.;	Institute of Agricultural Resources and Regional Planning	126
313	Biochar Promotes Cd Transformation into Less Harmful Forms in Rice Rhizosphere Soil	Li Zhang, et al.;	Institute of Agro-environmental Protection, Ministry of Agriculture, Tianjin	134
314	Benefit Evaluation of Phytoremediation Model in Heavy Metal Pollution Area Around Guixi Smelter	Guide Xie, et al.	Nanjing agricultural university	138
315	Alleviation Effects of Exogenous Organic Acids on Aluminum Toxicity in Aluminum-tolerant Strain	Yi Li, et al.;	Environment and Plant Protection Institute, Chinese Academy of Tropical Agricultural Sciences	159
<p style="text-align: center;">仍有部分 poster 展位，提交截止时间 9 月 30 日</p> <p style="text-align: center;">We still have some space for poster presentations, please submit your abstract ASAP, Deadline, Sep.30</p>				

主题 4：农业面源污染防治

Session 4: Agricultural Non-point Source Pollution Control and Management

展位序号 Pretention No.	墙报题目 Pretention Title	第一作者等 Authors	第一作者单位 Affiliation of the leading author	提交 ID Submission ID.
401	Interactions between Barren Land Reclamation and Arable Land Degradation in China	Jiamei Sun	National Soil Erosion Research Lab	2
402	Rapid Determination of 3 Pesticide Residues in Tropical Soil under Rice-pepper Rotation Using QuEChERS/UPLC-MS/MS	Huadong Tan, et al.;	Environment and Plant Protection Institute, Chinese Academy of Tropical Agricultural Sciences	10

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403	Effect of Nutrient Management on Yield and Fertilizer N Fate under Different Rotation Systems in Middle Reaches of Yangtze River Basin	Sen Wang, et al.;	China Agricultural University	25
404	The Impact of Farm Size on China's Agricultural Sustainability	Chenchen Ren, et al.;	Zhejiang University	30
405	Optimized N and Water Management Reduce N Surplus and Balance of Double Rice Cropping System in South China	Kaiming Liang, et al.;	The Rice Research Institute of Guangdong Academy of Agricultural Sciences	43
406	Phosphorus Accumulation under Intensive Greenhouse Vegetable Soils in Shouguang, China and its Potential Loss Risk	Kang Tian, et al.;	Institute of Soil Science, CAS	44
407	Characteristics of Nitrogen at Two Typical Agricultural Drainage Entrances during Different Periods in a Freezing-thaw Area of China	Qianding Cheng , et al.;	Beijing Normal University	51
408	Effects of Biochar on Nitrogen Leaching from Ditch soil Under Freeze-thaw Cycle	Zhenzhen Wu, et al.;	Beijing Normal University	55
409	Effect of Long-time Reduced N and Omitting P fertilizer on Rice Yield, N Loss and GHG Emissions of Paddy Field in Rice/fallow Rotation System in the Tai-Lake Region of China	Pengfu Hou, et al.;	Jiangsu Academy of Agricultural Sciences	56
410	Rebuilding the Linkage Between Livestock and Cropland in China	Chuanzhen Zhang, et al.;	Zhejiang University	64
411	Modelling Rainfall Erosivity in Events of Wildfire, Snowmelt and Extreme Rainfall	Qinggaozi Zhu, et al.;	University of Technology Sydney	74
412	Non-point Source Pollution Sensitivity Analysis of Spatial Differentiation of Ecological Function in Watershed—a Case of Ashi River in Typical Agricultural Area	Xiaomeng Guo	Harbin Institute of Technology	75
413	The Investigation of University Students Cognitive Structure on the Agro-environment Concept	Kadir Karatekin, et al.;	Kastamonu University	82

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414	Biochar Alleviates GHGs and Nonpoint Source Pollution for Greenhouse Vegetable	Jining Zhang	Shanghai Academy of Agricultural Sciences	94
415	Assessing Ammonia Emissions in Wheat Fields Using Biphasic Dose Response Model	Yang Yang, et al.;	Hefei Institutes of Physical Science	99
416	Thallium Contamination in Typical Agricultural Products and Potential Risks in Residential Areas from Western Pearl River Basin, China	Juan Liu, et al.;	Guangzhou University	106
417	Influence of Biochar on the Degradation of Acetochlor on Chinese Cabbage (<i>Brassica Chinensis</i> Var <i>Chinensis</i>) and Soil under Greenhouse Conditions	Caixia Sun, et al.;	Zhejiang Academy of Agricultural Sciences	129
<p style="text-align: center;">仍有部分 poster 展位，请专家学者及学生抓紧提交摘要交流，截止 9 月 30 日</p> <p style="text-align: center;">We still have some space for poster presentations, please submit your abstract ASAP, Deadline, Sep.30</p>				

主题 5：农业废弃物资源化利用

Session 5: Agricultural Waste Management and Utilization

展位序号 Pretention No.	墙报题目 Pretention Title	第一作者等 Authors	第一作者单位 Affiliation of the leading author	提交 ID Submission ID.
501	Effects of Fertilizer and Biogas residue & Biogas Liquid Combined Application on the Growth,Yield and WUE of Winter Wheat	Jicheng Wu	Institute of Plant Nutrition & Resource Environment, Henan Academy of Agricultural Sciences	18
502	Effects of Bt Rice Straw Return on the Growth and Defense Enzyme Activity of Pakchoi (<i>Brassica Campestris</i> L. ssp. <i>Chinensis</i> Makino)	Yuanjiao Feng, et al.;	South China Agricultural University	21
503	Simultaneous Removal of Cu ²⁺ and Bisphenol A by a Novel Biochar-supported Zero Valent Iron from Aqueous Solution	Zenghui Diao, et al.;	Zhongkai University of Agriculture and Engineering	110
504	Effect of Straw Return Mode on Soil Physico-chemical Properties of Chernozem in Northeast China	Wei Fan, et al.;	Jilin agriculture university	118
505	Model Based Optimization of Polarity Reversed Electro-kinetic Eemediation on 137Cs-polluted Kaolin Soils	Xinyu Mao, et al.;	Hohai University	121

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506	Effect of Different Organic Materials on Soil Physicochemical Property in Primary Saline Alkali Soil	Xiaodong Chen , et al.;	Jilin Agricultural University	122
507	Influence of Different Types of Organic Carbon on Crop Growth and Discussion of Carbon Quality Evaluation Index for Compost	Yiyong Li, et al.;	Zhongkai University of Agriculture and Engineering	125
508	Changes in the Inorganic Nitrogen Content of the Soil Solution with Rice Straw Retention in Northeast China	Chao Yan, et al.;	Northeast Agricultural University	127
509	Effects of Long-term Manure Application on Functional Diversity of Microbial Communities in Paddy soil	Ying Guo et al.;	Institute of Soil Science, CAS	151
仍有部分 poster 展位，请专家学者及学生抓紧提交摘要交流，截止 9 月 30 日				
We still have some space for poster presentations, please submit your abstract ASAP, Deadline, Sep.30				

会议须知

Conference Guidelines

- (1) 参会代表请自觉遵守会议纪律, 服从大会统一安排。Participant should follow the following directive of symposium.
- (2) 会场内请关掉手机或设置静音或振动模式。Please turn off your mobile phone or set to mute or vibration mode in symposium rooms.
- (3) 如果您需要使用国际电话, 请到酒店服务台, 自费自理。If you wish to make international call, please go to the service desk of hotel and pay by yourself.
- (4) 机票信息请与酒店商务中心或会议秘书联系。For ticket information, please contact the business center of hotel or the symposium secretary.
- (5) 请注意保管您的随身物品。如果您有任何问题, 请立即与会务组联系。Please pay attention to your belongings. Please do not hesitate to contact the symposium secretariat if you have any questions.
- (6) 请作口头报告的代表提前 30 分钟到主会场或相应分会场拷贝 PPT 文件, 并完成调试。Please upload your PowerPoint presentation to the computer in the plenary or parallel symposium rooms at least 30 minutes before the start of a session.

(7) 联系方式 Contact Information

• 接待组 Registration Group

- ✧ 注册、缴费 Registration, Payment: 曾青 Qing Zeng, +86 13913965798, qzeng@issas.ac.cn
- ✧ 会议资料 Meeting materials: 党琦 Qi Dang, +86 1350517 8722, qdang@issas.ac.cn
- ✧ 住宿 Lodging: 李秀华 Xiuhua Li, +86 13601461377, xhli@issas.ac.cn
- ✧ 专家外联 Public Relations: 汪玉 Yu Wang, +86 13675126823, wangyu@issas.ac.cn

• 会务组 Reception Group

- ✧ 会场布置 Site layout: 闵炬 Ju Min, +86 13814041210, jmin@issas.ac.cn
- ✧ 摄影 Photo: 贾楠 Nan Jia, +86 14751680439, njia@issas.ac.cn
- ✧ 茶歇、餐食、宴会 Coffee break, Meal, Welcome reception: 张广斌 Guangbin Zhang, +86 136 01561474
- ✧ 宣传媒介 Medium advertising: 马力 Li Ma, +86 13815439823, lma@issas.ac.cn

• 学术组 Academic Group

- ✧ 大会、分组报告 Plenary and parallel sessions: 夏永秋 Yongqiu Xia, +86 13851556712, yqxia@issas.ac.cn

第十一届国际农业环境研讨会
11th International Symposium on Agriculture and the Environment

- ◇ **墙报 Poster presentation:** 迺超普 Chaopu Ti, +86 15077862155, cpti@issas.ac.cn
- **车辆组 Vehicle Group**
 - ◇ **车辆、接送站 Shuttle:** 王书伟 Shuwei Wang, +86 189 1364 1668, swwang@issas.ac.cn
 - ◇ **野外考察 Field trip:** 周伟 Wei Zhou, +86 18915614087, wzhou@issas.ac.cn
- **综合协调组 (突发情况及其它) Coordination Group (Emergencies and others) :** 赵旭 Xu Zhao, +86 13770328292, zhaoxu@issas.ac.cn

(8) 温馨提示 Tips

南京在会议期间天气凉爽, 气温 15-25℃, 建议在会议期间准备长袖茄克衫、长裤和防晒用品。 It will be cool during the conference in Shenyang, with temperature of 15-25℃. It is recommended to prepare long-sleeved jackets, trousers, as well as sun protection for the post conference tour.

(9) 交通信息 Travel information

主会场: 南京维景国际大酒店

Venue & Accommodation: Nanjing Grand Metro Park Hotel.

地址: 江苏省南京市中山东路 319 号. Address: No. 319 East Zhongshan Road, Nanjing, China.

附近经济型酒店 Budget hotels near the conference venue:

桔子酒店 (东华门店): 距离主会场约 260 米; 025-66081122

Orange Hotel (Donghuamen Branch): about 260 meters from the main venue; Tel: 025-66081122

金钥匙商务酒店: 距离主会场约 450 米; 025-58581888/58581999

Golden Key Business Hotel: about 450 meters from the main venue; Tel: 025-58581888 / 58581999

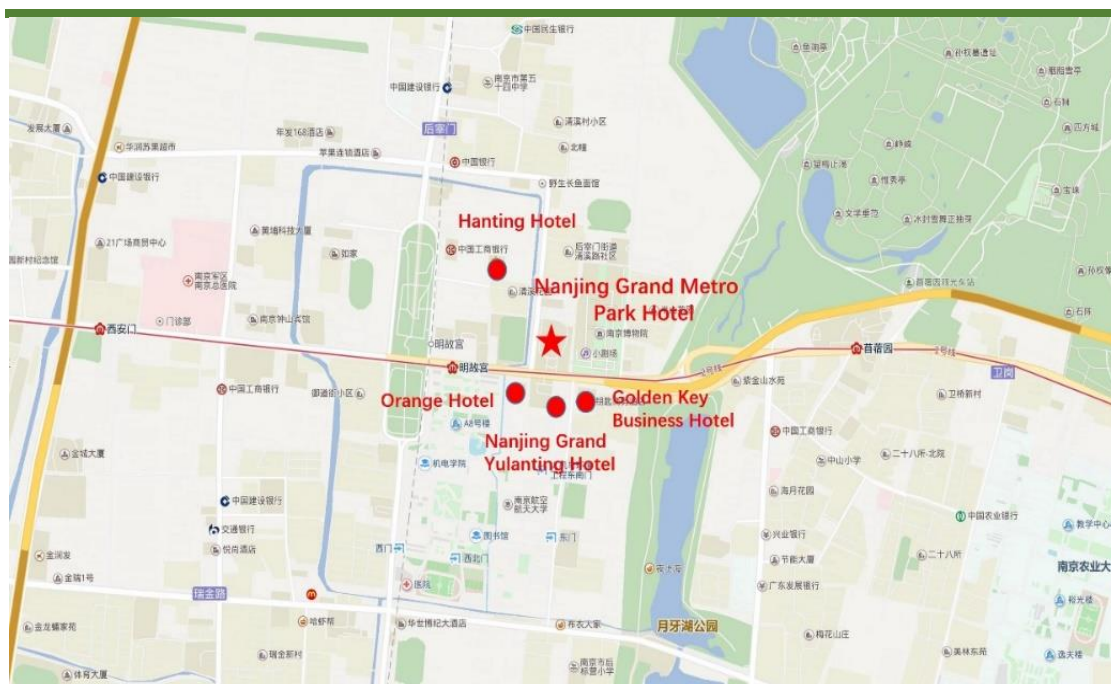
汉庭酒店 (明故宫店): 距离主会场约 380 米; 025-86556600

Hanting Hotel (Ming Palace Branch): about 380 meters from the main venue; Tel: 025-86556600

南京古南都玉澜庭酒店: 距离主会场约 150 米; 025-02585553939

Nanjing Grand Yulanting Hotel: about 150 meters from the main venue; Tel: 025-85553939

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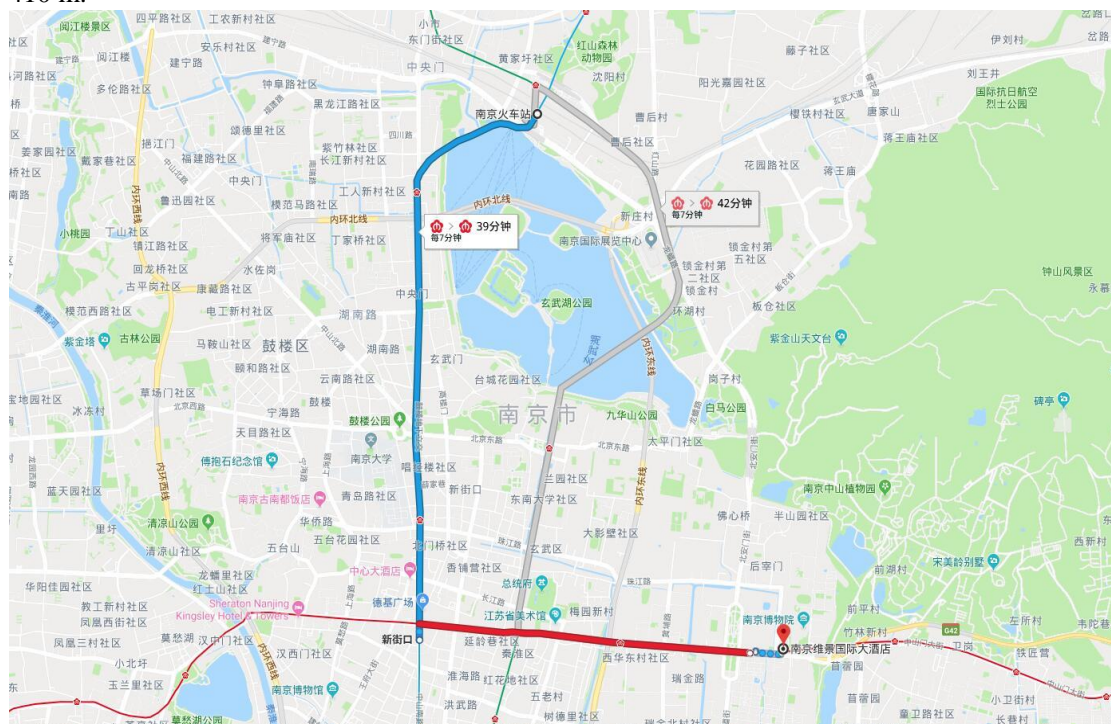


去会议酒店的交通方案 Go to the Hotel:

方案 A. 南京站—南京维景大酒店 From Nanjing Railway Station to Nanjing Grand Metro Park Hotel.

乘坐出租车约需要 15 分钟车程，20 元人民币；By taxi: The ride will cost about 20.00 RMB. (About 15 minutes).

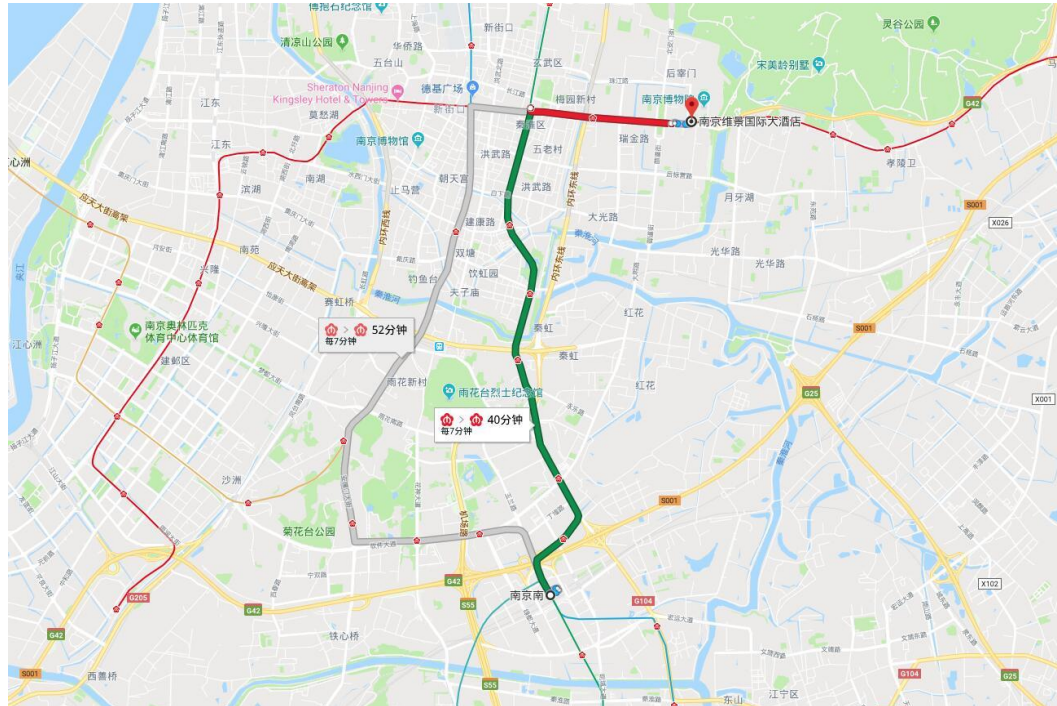
乘坐地铁 3 号线到大行宫站，转地铁 2 号线到明故宫站，步行约 410 米到酒店；By subway: Take Line 3 to Daxingong Station, change to Line 2 to Ming Palace Station, and walk for about 410 m.



方案 B. 南京南站—南京维景大酒店 From Nanjing South Railway Station to Nanjing Grand Metro Park Hotel .

乘坐出租车约需要 25 分钟车程，35 元人民币；By taxi: The ride will cost about 35.00 RMB. (About 25 minutes).

乘坐地铁地铁 3 号线到大行宫站，转地铁 2 号线到明故宫站，步行约 410 米到酒店；By subway: Take Line 3 to Daxingong Station, change to Line 2 to Ming Palace Station, and walk for about 410 m.

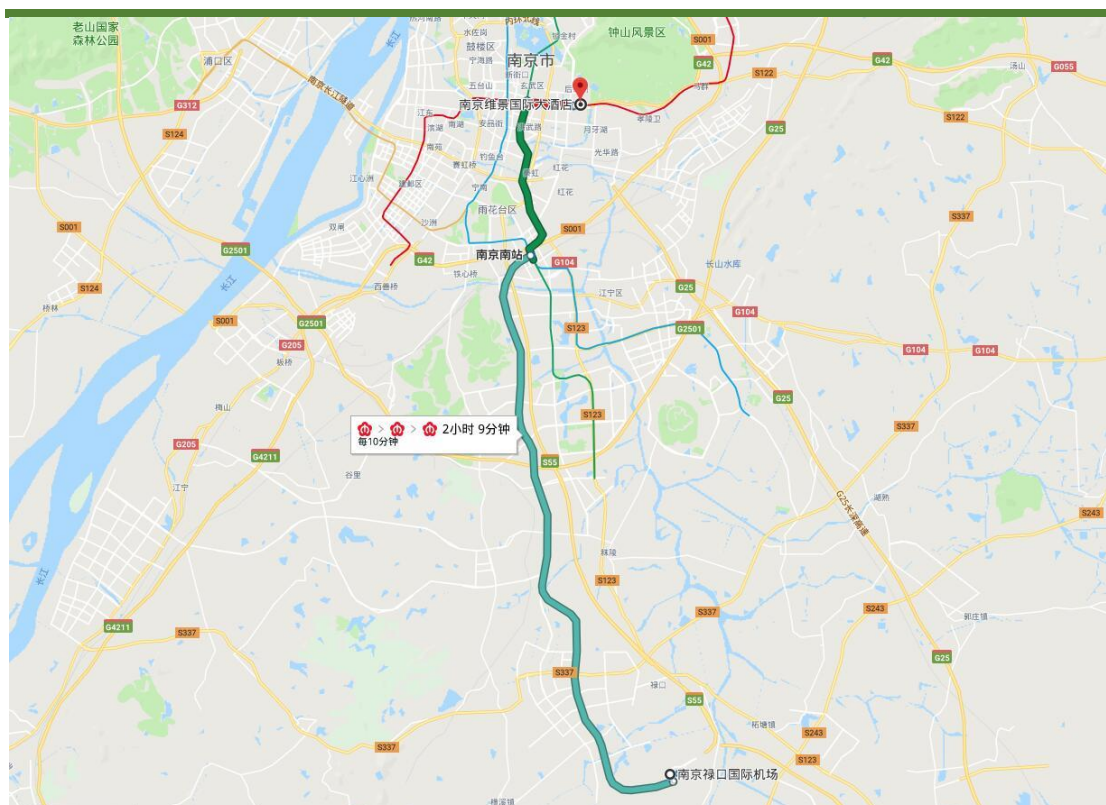


方案 C. 南京禄口国际机场—南京维景大酒店 From Nanjing Lukou International Airport to Nanjing Grand Metro Park Hotel.

乘出租车约需要 60 分钟车程，150 元人民币；By taxi: The ride will cost about 150.00 RMB. (About 60 minutes).

乘坐地铁机场线 S1 到南京南站，转地铁 1 号线到新街口站，转地铁 2 号线到明故宫站，步行约 410 米到酒店；By subway: Take Airport Line (S1) to Nanjing South Railway Station, change to Line 1 to Xinjiekou Station, change to Line 2 to Ming Palace Station, and walk for about 410 m.

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方案 D：上海或北京国际机场—南京维景大酒店 From Shanghai International or Beijing International Airport From Nanjing Lukou International Airport to Nanjing Grand Metro Park Hotel.

如果您从上海或北京国际机场入境则需要中转换乘航班到南京，然后按照方案 C 的路线到达会议酒店；A transfer is needed if your first arrival is Shanghai or Beijing International Airport. You can choose a connection flight or high speed railway from these two cities to Nanjing Lukou International Airport, then follow the above-mentioned line 3 to come to venue.

或者您可以在北京首都国际机场换乘地铁或机场大巴到北京南站，在上海浦东国际机场换乘地铁或机场大巴到上海虹桥站，然后乘坐高铁到南京南站，再按照方案 B 的路线到达会议酒店。一般来说，从北京到南京需要 4 小时，从上海到南京需要 1-2 小时；Optionally, you can firstly take subways or shuttles (please consult information Desk) from Beijing International or Shanghai International Airport to Beijing South Railway Station or Shanghai Hongqiao Railway station, respectively. Then take High speed trains (CRH) to Nanjing South Railway Station. Follow the above-mentioned line 2 to come to venue. Typically, it will take you 4-5 hours from Beijing to Nanjing, and 1-2 hours from Shanghai to Nanjing.

第 11 届农业与环境国际学术研讨会



创新农业科技，应对环境变化!

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