



CAER

2014 CAER-IFPRI Annual International Conference
Resource Constraints and Sustainable Food System in China
October 16-17, 2014 | Yangling, Shaanxi, P.R. China

Conference Program

Organized by

Northwest Agricultural & Forestry University (NWAUFU)

International Food Policy Research Institute (IFPRI)

China Agricultural University (CAU)

China Agricultural Economic Review (CAER)

Co-sponsored by

Da Bei Nong Group (DBN)

Chinese Association of Agricultural Economists (CAAE)

Emerald Group Publishing Limited, UK (Emerald)



CAAE



Program Overview

Wednesday, October 15, 2014

14:00-21:00	Registration	Lobby, Guest House
18:00-20:00	Welcome Dinner	

Thursday, October 16, 2014

07:00-08:30	Breakfast	Western Restaurant
07:30-08:45	Registration	Lobby, Guest House
08:45-09:00	Welcoming Remarks	Conference Room A
09:00-10:15	Invited Session A	
10:15-10:45	Networking/Coffee Break	
10:45-12:00	Invited Session B	
12:15-13:15	Buffet Luncheon	Chinese Restaurant
13:20-15:15	Concurrent Sessions	
	Contributed Session A1: Agricultural Production and Trade	Conference Room A
	Contributed Session B1: Food Consumption and Food Safety	Conference Room B
	Contributed Session C1: Rural Land Resource	Conference Room C
15:15-15:30	Coffee Break	
15:30-17:25	Concurrent Sessions	
	Contributed Session A2: Agricultural Support and Growth	Conference Room A
	Contributed Session B2: Rural Labor and Finance	Conference Room B
	Contributed Session C2: Rural Transition and Development	Conference Room C
17:30-19:30	Reception Dinner	Chinese Restaurant

Friday, October 17, 2014

07:00-08:30	Breakfast	Western Restaurant
09:00-10:40	Concurrent Sessions	
	Contributed Session D: Natural Resources and Nutrition	Conference Room B
	Contributed Session E: Environment and Natural Disaster	Conference Room C
10:40-11:00	Coffee Break	
11:00-11:30	Invited Presentation	Conference Room A
11:30-12:00	Closing Session	
12:15-13:15	Farewell Luncheon	Chinese Restaurant

Organizing Committee

Xian Xin (Chair). CAER Chief Editor | China Agricultural University (China)

Kevin Chen (Co-Chair). CAER Co-editor | China Program Leader, IFPRI (US)

Xuexi Huo. Northwest A&F University (China)

Fu Qin. CAER Co-editor | General Secretary, CAAE | Director, IAED, CAAS (China)

Pei Guo. CAER Associate Editor | China Agricultural University (China)

Minjuan Zhao. Northwest A&F University (China)

Holly Wang. CAER Co-editor | Purdue University (US)

Calum Turvey. Cornell University (US)

Thomas Wahl. North Dakota State University (US)

Zhangyue Zhou. James Cook University (Australia)

Nico Heerink. Wageningen University (Netherlands)

Acknowledgements

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The conference would not be possible without the supports from Chinese Association of Agricultural Economists and Emerald Group Publishing Limited (UK).

About Yangling District, Shaanxi Province

Yangling is a district of Xianyang City, Shaanxi province, People's Republic of China, located on the plains of the Wei River. It has an area of 94 square kilometers and a population of 200,000. The district is roughly 80 kilometers to the west of Xi'an, the provincial capital city. Starting in 1979, Yangling went through several administrative region changes until it became a district to the City of Xianyang in 1983. Yangling Agriculture Hi-Tech Industrial Zone was approved as a national-level hi-tech development zone by State Council in 1997.

4000 years ago, the ancestor of China's agriculture called Houji taught people to grow crops here, making Yangling the birthplace of China's agricultural civilization. Yangling received its name as the family burial site of founding emperor Yang Jian of the Sui Dynasty. In 1934, the National Northwest College of Agriculture and Forestry (the processor of Northwest A&F University) was founded here by senior official Yu Youren and compatriot General Yang Hucheng. Since the foundation of People's Republic of China in 1949, the central government and provincial government have successively established 2 agricultural colleges, 5 independent agricultural and forestry research institutes and 3 provincial key secondary agricultural schools. Therefore, Yangling is called China's "Agro-science City". Yangling is now the cradle of China's agricultural science and technology development and a significant base for the demonstration of agricultural industries.

The average temperature of Yanglin in October is from 10°C to 20°C.

General Information for Conference Participants

Venue	Guest House, Northwest A&F University, No.3, Taicheng Road, Yangling, Shannxi, China. All conference sessions, lunches and dinner are at the Guest House.
Contact	Yitian XIAO, 158 1029 7508; Chunliu DONG, 134 7400 6608.
Language	English. No simultaneous language interpretation will be provided.
Registration Desk	Located at the Lobby, Guest House. Open from 14:00 to 21:00, Oct. 15, 2014.
Registration Fee	RMB 800 (Chinese Currency), including entrances to the sessions, badge, conference program, printed proceedings, coffee breaks, meals, and local transportation during the conference. Registration fee for the students with accepted papers will be waived.
On-site Payment	Made by cash at registration desk and the invoice will be issued.
Presentation Slide	Prepared in the MS PowerPoint format. Send to <caer.conference@gmail.com> by October 14, or upload to the registrar's laptop at the registration desk on October 15. If you wish to replace it with an updated version, please provide it on a USB memory stick to the Speaker Desk located at the lobby of Guest House. Please note that uploading presentations in the conference rooms will not be possible!
Conference Badge	There is no admittance to the lunch and dinner without the conference badge.
Local Transportation	The pick-up at Xianyang Airport and Yangling South Railway Station is provided.
Liability and Insurance	All participants are reminded that neither the organizing committee nor the conference venue is liable for any losses, accidents or damage to persons or private property. Participants are requested to make their own arrangements in respect of health and travel insurance.

Luncheon and Dinner

Welcome Dinner

18:00 - 20:00. Oct. 15, 2014. Chinese Restaurant

Buffet Luncheon

12:15 - 13:15. Oct. 16, 2014. Chinese Restaurant

Reception Dinner

17:30 - 19:30. Oct. 16, 2014. Chinese Restaurant

Farewell Luncheon

12:15 - 13:15. Oct. 17, 2014. Chinese Restaurant

Invited Speakers

Paul Dorosh

Paul Dorosh is the Division Director of the Development Strategy and Governance Division, IFPRI. He worked at the World Bank from March 2003 to August 2008 as a Senior Economist with the Spatial and Local Development Team of the Finance, Economics and Urban Development Unit (2007-08) and Senior Rural Development Economist of the South Asia Rural and Agricultural Development Unit (2003-07). He has published research on agricultural markets, food policy, international trade, economy-wide modeling and the rural-urban transformation. He holds a Bachelor's Degree in Applied Mathematics from Harvard College, Cambridge, Massachusetts, and a Master Degree and Doctorate Degree in Applied Economics from the Food Research Institute, Stanford University, USA.

Minjuan Zhao

Minjuan Zhao is the professor and Associate Dean of College of Economics and Management in Northwest Agricultural and Forestry University. Her research focuses on Environmental and Natural Resource Economics, Applied Microeconomics and Regional Economics. She got her PhD from Department of Agricultural and Natural Resource Economics, University of Connecticut, 2009. She once worked as a Visiting Scholar at Department of Agricultural & Natural Resources Economics in University of Guelph, Canada from 2003 to 2004.

Juwei Zhang

Junwei Zhang is the senior researcher and Deputy Director at Institute of Population and Labor Economics in Chinese Academy of Social Sciences. His research interests are labor economics and development economics. He participated in the doctoral training courses in Economics for the LEAD21 Program at China Agricultural University, sponsored by Winrock International and earned a certificate from 1996 to 1998. During 1994 to 1995, he got the Postgraduate diploma in Population and Development at Center for Development Studies, Trivandrum, India. He got his PhD in demographic economics at Graduate School of Chinese Academy of Social Sciences in 2001.

Hans Binswanger

Hans Binswanger is the Adjunct Professor of College of Economics and Management, China Agricultural University. He got his PhD in Agricultural Economics at North Carolina State University in 1973. He was the Senior Advisor, Africa Region, World Bank from 2003 to 2004. He was the Director for Environmental, Rural, and Social Development, Africa Region in World Bank from 1996 to 2002. He has assisted a number of countries in the development of agricultural and rural development strategies and in the design of community-driven development programs and HIV/AIDS programs.

Fusuo Zhang

Fusuo Zhang is a professor and "Yangtze River Scholar" in China Agricultural University. He received his Ph.D. in Plant Nutrition from Hohenheim University (Germany). His past appointments include President of International Plant Nutrition Council, vice President of Soil Science Society of China, vice President of Plant Nutrition and Fertilizer Science Society of China, vice President of Nature Resource of China, and Chairman of Soil testing and fertilization expert committee, Depart of Agric. China. His research is focused on rhizosphere dynamics, plant nutrient mobilization and uptake and nutrient management in agro-ecosystems. Since 1998, he has focused on developing integrated nutrient management concept and techniques to realize high yield and high-efficiency crop production system through improving soil fertility, nutrient use efficiency and crop yield and quality, and reducing environmental pollution for main crops in China.

Thursday, October 16, 2014 | 08:45 - 12:00 | Conference Room A

Opening Session and Invited Presentations

8:45-9:00: Opening Remarks

Moderator: Prof. Pei Guo, Associate Editor, CAER/ Associate Dean, CEM, China Agricultural University

Prof. Qixin Sun, President, Northwest A&F University

Dr. Paul Dorosh, Division Director of the Development Strategy and Governance Division, IFPRI

Dr. Liexun Yang, Department of Management Sciences, National Natural Science Foundation of China

Prof. Fu Qin, CAAE/Director, Institute of Agricultural Economics and Development, CAAS

Prof. Zhihao Zheng, Executive Editor, CAER / CEM, China Agricultural University

9:00-10:15: Invited Session A

Moderator: Dr. Kevin Chen, Co-Editor of CAER/ China Program Leader, IFPRI

9:00-9:30

Agricultural Diversification and Land Use Patterns in Southeast Asia

Paul Dorosh, Division Director of the Development Strategy and Governance Division, IFPRI

9:30-10:00

What restoration do the public expect? Quantifying Economic value, preferences heterogeneity and regional decision support

Minjuan Zhao, College of Economics and Management, Northwest A&F University

10:00-10:15

Discussion

10:15-10:45: Networking/Coffee Break

10:45-12:00: Invited Session B

Moderator: Prof. Xuexi Huo, College of Economics and Management, Northwest A&F University

10:45-11:15

Challenges of Labor Market in China

Juwei Zhang, Institute of Population and Labor Economics, Chinese Academy of Social Sciences

11:15-11:45

Rural Economic Growth in India, China and South Africa

Hans Binswanger, College of Economics and Management, China Agricultural University

11:45-12:00

Discussion

Thursday, October 16, 2014 | 13:20-17:10 | Conference Room A

Contributed Session A1: Agricultural Production and Trade

Moderator: *Prof. Jianhong Xue, Northwest A&F University*

- 13:20-13:40** Weather Shocks and Maize Yields in North Plain of China
Jiliang Ma, China Agricultural University
- 13:40-14:00** China's Dry Bean Production and Trade
Xinyuan Zhang, University of Tokyo
- 14:00-14:20** Accounting For Domestic Production in Import Demand Analysis
Lisha Zhang, University of Florida
- 14:20-14:40** Does Governmental Support Enhance or Attenuate Entrepreneurial Supply Chain - An Empirical Research of the Chinese Agri-food Safety
RabiaTurson, Xinjiang University of Finance & Economics
- 14:40-15:00** **Discussants:** *Prof. James Seale, University of Florida*
Dr. Bryan Lohmar, US Grains Council
- 15:00-15:30** Coffee Break

Contributed Session A2: Agricultural Support and Growth

Moderator: *Prof. Weiming Tian, China Agricultural University*

- 15:30-15:50** Roles of Agricultural Subsidy Policies in China's Grain Security Strategies - A Partial Equilibrium Analysis
Jiarong Qian, China Academy of Agricultural Sciences
- 15:50-16:10** Food Price Transmission from World to Domestic Market in China under Growing Agricultural Domestic Support
Fan Yang, University of Hohenheim
- 16:10-16:30** Public Expenditure in Agriculture for Economy Transformation - The Case of China
Bingxin Yu, IFPRI
- 16:30-16:50** Openness Degree of Agricultural Products, Self-sufficiency Rate of Agricultural Products and Growth Rate of Agricultural Output - Evidence from China
Shaowen Yang, South China Agricultural University
- 16:50-17:10** **Discussants:** *Prof. Thomas Wahl, North Dakota State University*
Prof. Wuyang Hu, University of Kentucky

Thursday, October 16, 2014 | 13:20-17:10 | Conference Room B

Contributed Session B1: Food Consumption and Food Safety

Moderator: Prof. Zhihao Zheng, China Agricultural University

- 13:20-13:40** Chinese Urban Alcoholic Consumption - Regional Differences
Thomas Wahl, North Dakota State University
- 13:40-14:00** Chinese Wine Consumption: Markets, Trends, and Consumers
Wuyang Hu, Kentucky University
- 14:00-14:20** The Economics of Food Safety in Emerging and Developing Countries - A Research Agenda for Asia and Sub-Saharan Africa
David Ortega, Michigan State University
- 14:20-14:40** Consumers' Perception of and Willingness to Pay for Genetically Modified Lamb in Beijing - The Role of Product Information Disclosure
Qihui Chen, China Agricultural University
- 14:40-15:00** *Discussants: Prof. Holly Wang, Purdue University*
Dr. Junfei Bai, China Agricultural University
- 15:00-15:30** Coffee Break

Contributed Session B2: Rural Land Resource

Moderator: Prof. Jianchao Luo, Northwest A&F University

- 15:30-15:50** Tenure Security and Land Rental Market Development in Rural China – Actual versus Perceived Security
Nico Heerink, Wageningen University
- 15:50-16:10** Can Migration Decisions be Affected by Land Resource Endowment - A Heterogeneity View
Zhongyuan Liu, University of Delaware
- 16:10-16:30** Standard of the Compensation Calculation of the Arable Land Protection for the Major Grain Production Areas - Based on the 328 Residents' WTP Questionnaire in Shandong Province
Haowen Zhuang, Northwest A&F University
- 16:30-16:50** Land Resource Constraints and Japanese Case
Akihiko Hirasawa, Senior Chief Economist, Norinchukin Research Institute
- 16:50-17:10** *Discussants: Dr. Mateusz Filipowski, IFPRI*
Prof. Jianhong Xue, Northwest A&F University

Thursday, October 16, 2014 | 13:20-17:10 | Conference Room C

Contributed Session C1: Rural Labor and Finance

Moderator: *Prof. Lin He, Zhongkai University of Agriculture and Engineering*

- 13:20-13:40** Rural-Urban Transfer Behavior of Apple Growers
Lijia Wang, Northwest A&F University
- 13:40-14:00** Research on the Impact of Division of Labor and Cooperation to Farmers' Income Growth-Based on Farmer's Self-selection Behavior
Dan Yang, Southwest University
- 14:00-14:20** Influence on Rural Migrant Workers' Credit Demand at View of Income Stability
Rong Kong, Northwest A&F University
- 14:20-14:40** Crop Insurance Program Purchase Decision and Role of Risk Aversion - Evidence from Maize Production Areas in China
Kaiyu Lyu, Chinese Academy of Agricultural Sciences
- 14:40-15:00** **Discussants:** *Prof. Calum Turvey, Cornell University*
Dr. Qihui Chen, China Agricultural University
- 15:00-15:30** Coffee Break

Contributed Session C2: Rural Transformation and Development

Moderator: *Prof. Dave Abler, Pennsylvania State University*

- 15:30-15:50** The Economics of Calamities and Conflict Affecting Rural China 1929-1933: A Re-evaluation of John. L. Bucks Land Utilization Data
Calum Turvey, Cornell University
- 15:50-16:10** Testing for Influence of Asset Specificity on the Vertical Integration of Chinese Farmer Cooperatives - a New Institution Economics Approach
Yingxian Liu, Zhejiang University
- 16:10-16:30** Political Systems, Urban Bias and Urban-Rural Income Gap - An Empirical Study on the World Panel Data, 1990-2010
Yanyan Gao, Southeast University School of Economics and Management
- 16:30-16:50** Land Productivity and Farm Size under Rapid Transformation - A Reappraisal from China
Jiaying Wang, Zhejiang University
- 16:50-17:10** **Discussants:** *Prof. Hans Binswanger, China Agricultural University*
Prof. Xiangping Jia, Northwest A&F University

Friday, October 17, 2014 | 09:00-11:00 | Conference Room B

Contributed Session D: Natural Resources and Nutrition

Moderator: Prof. Xianli Xia, Northwest A&F University

09:00-09:20 Why Do Farmers in China Use So Much Fertilizer

Dave Abler, Pennsylvania State University

09:20-09:40 Conservation Payment, Off-farm income and Household Technical Efficiency for Farms Participating in Grain for Green Program in China - A Case Study from the Loess Plateau

Li Li, Peking University Shenzhen Graduate School

09:40-10:00 Household Poverty Dynamic And Nutrition Intake In Lagging Region Of China

Yumei Zhang, Chinese Academy of Agricultural Sciences

10:00-10:20 Nutritional Returns to Crop Diversification in Malawi's Farm Households

John Mazunda, IFPRI

10:20-10:40 *Discussants:* Dr. David Ortega, Michigan State University

Prof. Wuyang Hu, University of Kentucky

10:40-11:00 Coffee Break

Friday, October 17, 2014 | 09:00-11:00 | Conference Room C

Contributed Session E: Environment and Natural Disaster

Moderator: Prof. Peifen Zhuang, Fujian Agricultural University

09:00-09:20 Social Capital and Farmers' Willingness to Respond Different Measurements for Controlling Agricultural Non-Point Source Pollution in China

Chunlin Hua, Southwest University of Science and Technology

09:20-09:40 Spatial and Taste Heterogeneity in Willingness to Pay for Integrated River Basin Management

Fanus Asefaw Aregay, Northwest A & F University

09:40-10:00 Natural Disasters and Rural Households' Coping Strategies - Evidence from the 2008 Sichuan Earthquake

Ling Jin, Huazhong Agricultural University

10:00-10:20 Living Like There's No Tomorrow - Saving and Spending Following the Sichuan Earthquake

Mateusz Jan Filipski, IFPRI

10:20-10:40 *Discussants:* Dr. Nico Heerink, Wageningen University

Dr. Junfei Bai, China Agricultural University

10:40-11:00 | Coffee Break

Friday, October 17, 2014 | 11:00-12:00 | Conference Room A

Invited Presentation and Closing Session

Chair: Prof. Pei GUO, China Agricultural University

11:00-11:30 Realizing Food Security and Sustainability in China

Prof. Fusuo Zhang, College of Resources and Environmental Sciences, China Agricultural University

11:30-11:45 CAER 6-Year Review

Dr. Baozhong Su, CAER Editorial Coordinator / China Agricultural University

11:45-12:00 Closing Remarks

Prof. Xian Xin, CAER Chief Editor/ Dean, College of Economics and Management, China Agricultural University

Dr. Kevin Chen, Co-Editor of CAER/ China Program Leader, IFPRI

Prof. Xuexi Huo, College of Economics and Management, Northwest A&F University

Closure of the Conference