

# **Programme**

**For**

**International Conference on Agricultural Risk and Food Security (ARFS)**

**June 11 – 12, 2010, Beijing, China**

(Updated in June 2, 2010)

**Organized by**

**Agricultural Information Institute of Chinese Academy of Agricultural Sciences (CAAS)**

**International Food Policy Research Institute (IFPRI)**

**UK Department for International Development (DFID)**

**Co-hosted by:**

**Key Laboratory of Digital Agricultural Early-warning Technology, Ministry of Agriculture, China**

**Beijing Office of International Food Policy Research Institute (IFPRI)**

**China office of DelPHE Project Office of DFID, UK**

# Overview of ARFS Conference

DATA	June 10, 2010	June 11, 2010	June 12, 2010	
AM	<b>Registration</b>  (Location: Hall of Yi Bin Building)	<b>Registration</b> (location: Hall of Guibin Building )	<b>Registration</b> (location: Hall of Jiabin Building )	
		<b>Opening Ceremony</b>	<b>Keynote Speech:</b> Shenggen Fan ( DG of IFPRI ) <b>Invited Session:</b> Shiwei Xu ( DG of AII of CAAS ) Xiaoguang Yang ( CDC ) Ashok Gulati ( IFPRI ) Funing Zhong ( NAU )	
<b>Keynote Speech:</b> Xiwen Chen (Minister Level) <b>Invited Session:</b> Maximo Torero (IFPRI) Jesus Anton (OECD) Calum Turvey (Cornell University) William Dick (International Consultant)		<b>Poster Session</b>		
Noon		<b>Registration</b>	<b>Lunch</b>	<b>Lunch</b>
PM			<b>Contributed Paper Sessions A</b>	<b>Contributed Paper Sessions C</b>
			Session 1: Risk Perceptions and Farmer's Behavior Session 2: Climate Variability, Public Program and Food Security Session 3: Application of New Methods in Agricultural Insurance	Session 7: Improvement and Impact of Food Safety Regulations Session 8: Food Security and Risk Management Session 9: Effectiveness of Crop Insurance
	<b>Contributed Paper Sessions B</b>		<b>Contributed Paper Sessions D</b>	
		Session 4: Consumer Demand for Food Safety Attributes Session 5: Innovation of Agricultural Risk management Session 6: Climate Risk and Catastrophic Insurance	Session 10: Crop Risk Evaluation and Ratemaking Session 11: Methods in Assessing the Risk of Food Insecurity Session 12: Demand Studies on Crop Insurance	
		<b>Banquet</b>	<b>Closing Remark</b>	
			<b>Buffet</b>	

Note: 1) Poster paper would be presented in the aisle outside No.5 meeting room of Jiabin Buliding during the conference.

2) Authors of poster paper must be presented in poster paper session

<b>June 10, 2010 (Thursday)</b>	
<b>09:00-20:00</b>	<b>Registration (Location: Hall of Yi Bin Building)</b>
<b>June 11, 2010 (Friday)</b>	
<b>07:00-08:30</b>	<b>Registration (Location: Hall of Guibin Building)</b>
<b>08:30-09:20</b>	<b>Opening Ceremony (Location: Multifunction Hall of Gui Bin Building)</b>
	<p><b>Chaired by Dr. Huajun Tang, Vice President, CAAS</b></p> <p>- Welcome remarks (TBD)</p> <p><b>Distinguished Guests to be Invited (To be confirmed):</b></p> <p>Xiwen Chen (Minister Level, Vice Director General of Central Financial and Economic Leading Group and Director General of Central Rural Affairs Leading Group)</p> <p>Taolin Zhang (Vice Minister of the Ministry of Agriculture)</p> <p>Huqu Zhai (President of Chinese Academy of Agricultural Science)</p> <p>Baorui Wan (Chair of National Food and Nutrition Advisory Committee, Former Deputy Minister of Agriculture)</p> <p>Quan Cong (Assistant Minister of Commercial, Vice Minister Level)</p> <p>Xiangjun Yao (Deputy DG of Department of International Cooperation, MOA)</p> <p>Xu Liu (Vice President of Chinese Academy of Agricultural Science, member of Chinese Academic of Engineering)</p> <p>Huajun Tang (Vice President of Chinese Academy of Agricultural Science)</p> <p>Shenggen Fan (Director General, International Food Policy Research Institute)</p> <p><b>Halima Begum, First secretary (Development) and policy adviser of DFID</b></p> <p>Representative of Asia Development Bank</p> <p>Representative of FAO</p> <p>Representative World Bank China Office</p> <p>Representative of Ford Foundation</p>
<b>09:20-09:30</b>	<b>Group Photo</b>
<b>09:30-10:15</b>	<b>Keynote Speech (Location: Multifunction Hall of Gui Bin Building)</b>
09:30-10:10	<b>Chaired by Mr. Baorui Wan, Chair of State Food and Nutrition Consultant Committee &amp; Former Minister of Agricultural</b>
10:10-10:15	Presented by Xiwen Chen (TBD) (Minister Level, Vice Director General of Central Financial and Economic Leading Group, Director General of Central Rural Affairs Leading Group)
	<b>Q &amp; A</b>
10:15-10:30	<b>Coffee Break</b>
<b>10:30-12:10</b>	<b>Invited Paper Session (Location: Multifunction Hall of Gui Bin Building)</b>

	<b>Chaired by Dr. Kevin Z. Chen, Senior Research Fellow and China Program Leader, IFPRI Beijing Office</b>
10:30-10:50	1) Insuring for the poor, by Dr. Maximo Torero, Division Director, International Food Policy Research Institute
10:50-11:10	2) Risk Management in Agriculture: Why a Holistic Approach is needed? by Dr. Jesus Anton, Senior Economist at Trade and Agriculture Directorate at OECD
11:10-11:30	3) Risk, Savings and Farm Household Credit Demand Elasticities in Rural China, by Dr. Calum Turvey, Professor, Cornell University
11:30-11:50	4) Government Interventions in Agricultural Insurance, by Dr. William Dick, International Consultant on Agricultural Risk Management
11:50-12:10	Q & A
12:10-13:30	<b>Lunch (Location: Ya Shi Restaurant of Gui Bin Building)</b>
13:30-15:10	<b>Contributed Paper Sessions A</b>
13:30-15:10	<b>Session 1: Risk Perception and Farmer's Behavior (Location: Meeting Room 5 of Jia Bin Building)</b>
	<b>Chaired by Dana Hoag, Colorado State University</b>
13:30-13:50	1) Saving for the Rainy Days: Evidence from Rural Zhejiang, China, by Ling Jin* (Zhejiang University and ICARD), Kevin Z. Chen (IFPRI) and Zuhui Huang (Zhejiang University)
13:50-14:10	2) A Survey of Chinese Farmers' Risk Behavior, by Milton Boyd*, Jeffrey Pai, Holly Wang, Qiao Zhang and Ke Wang, University of Manitoba
14:10-14:30	3) Natural Shocks and Risk Behavior: Consequences of An Earthquake in Pisco, Peru, by Marrit van den Berg* and Ricardo Fort, Wageningen University
14:30-14:50	4) Risk Preferences and Farm Input Choice from Field Experiments in China, by Yazhen Gong, Kathy Baylis*, Jintao Xu, Robert Kozak and Gary Bull, University of Illinois
14:50-15:10	Q & A
13:30-15:10	<b>Session 2: Climate Variability, Public Program and Food Security (Location: Meeting Room 2 of Jia Bin Building)</b>
	<b>Chaired by Wensheng Wang, Deputy General Director, Agricultural Information Institute, CAAS</b>
13:30-13:50	1) Impact of Climate Variability and Change on Poverty and Food Security in Zambia, by Xinshen Diao*, James Thurlow, Tingju Zhu, IFPRI
13:50-14:10	2) Climate Change Impacts on Agriculture in Vietnam, by Tingju Zhu*, Mai Van Trinh, IFPRI
14:10-14:30	3) Impacts of Public Agricultural and Rural Support Programs on Chinese Food Economy: A General Equilibrium Approach, by Shiwei Xu, Yumei Zhang*, Xinshen Diao, Kevin Z. Chen, Agricultural Information Institute, CAAS
14:30-14:50	4) Make Full Use of Two Kinds of Resources and Two Markets to Protect Our Food Security and Raise Farmers' Income: Taking Soybeans as An Example, by Li Xin*, China Center of Economic Research, Peking University
14:50-15:10	Q & A

13:30-15:10	<b>Session 3: Application of New Methods in Agricultural Insurance (Location: Meeting Room 3 of Jia Bin Building)</b>
13:30-13:50	<b>Chaired by Joseph Cole, RenRe Insurance</b> 1) Satellite Derived Surface Wetness and Temperature Products and Crop Yields Prediction in Real Time, by Alan Basist*, Joel Sivillo and Craig Tillman, Weather Predict Consulting
13:50-14:10	2) Analysis and Feasibility of Crop Revenue Insurance in China, by Joseph Cole* and Richard Gibson, RenRe North America Inc.
14:10-14:30	3) Managing Typhoon-Related Crop Risk, by Craig Tillman* and Joel Sivillo, Weather Predict Consulting Inc
14:30-14:50	4) Structure of A Digital Agriculture System and Agricultural Risks Due to Climate Change, by Samuel Shen*, Alan Basis and Allan Howard, San Diego State University
14:50-15:10	Q & A
15:10-15:30	<b>Coffee Break</b>
15:30-17:10	<b>Contributed Paper Sessions B</b>
15:30-17:10	<b>Session 4: Consumer Demand for Food Safety Attributes (Location, Meeting Room 2 of Jia Bin Building)</b>
15:30-15:50	<b>Chaired by Holly Wang, Purdue University</b> 1) Who Can Chinese Consumers Trust for Safe Foods, by David L. Ortega, H. Holly Wang*, Laping Wu, Nicole J. Olynk, Purdue University
15:50-16:10	2) Cognitive Dissonance under Food-Borne Risk: A Lab Experiment, by Ying Cao*, David R. Just, Cornell University
16:10-16:30	3) Influencing Factors on Consumers' Willingness to Buy Traceable Foods : An Analysis of Survey Data from Two Chinese Cities, by Rong Zhao*, Juan Qiao, China Agricultural University
16:30-16:50	4) Consumer Perception of Food Safety Regulations and Attributes in China and South Korea, by Renee Kim*, Hanyang University of South Korea
16:50-17:10	Q & A
15:30-17:10	<b>Session 5: Issues on the innovation of Agricultural Risk Management (Location, Meeting Room 3 of Jia Bin Building)</b>
15:30-15:50	<b>Chaired by Milton Boyd, University of Manitoba</b> 1) Factors Influencing Farmers' Willingness to Purchase Weather Insurance: Experimental Results from Shaanxi and Gansu Provinces, by Rong Kong*, Calum Turvey and Lihui Sun, Northwest A&F University
15:50-16:10	2) Risk in Agriculture: A strategic Risk Management Approach, by Dana L.K Hoag*, Colorado State University
16:10-16:30	3) Performance Evaluation of Weather Index Based Insurance Scheme in China, by Junsheng Zhu* and Guozhu Tuo, Capital University of Economic and Business
16:30-16:50	4) An Experiment on the Impact of Weather Shocks and Insurance on Risky Investment, by Ruth Vargas Hill* and Angelino Viceisza, IFPRI
16:50-17:10	Q & A

15:30-17:10	<b>Session 6: Climate Risk and Catastrophic Insurance (Location, Meeting Room 5 of Jia Bin Building)</b>		
	<b>Chaired by Tingju Zhu, Research Scientist, IFPRI</b>		
15:30-15:50	1) The Economic Costs of Extreme Weather Events: A Hydro-meteorological CGE Analysis for Malawi, by Karl Pauw*, James Thurlow and Dirk van Seventer, IFPRI		
15:50-16:10	2) Analysis of the Demand for Weather Index Agricultural Insurance on Households level in Anhui, China, by Buchun Liu*, Maosong Li, Ying Guo and Kun Shan, Institute of Environment and Sustainable Development in Agriculture, CAAS		
16:10-16:30	3) Climate Variability and Agricultural Lending in the Southeastern U.S., by Denis Nadolnyak and Valentina Hartarska*, Auburn University		
16:30-16:50	4) Modeling Agriculture Risk: An International Perspective, by Tao Han*, AIR-WORLDWIDE		
16:50-17:10	Q & A		
17:30-19:30	<b>Banquet</b>	<b>(Location: TBD)</b>	Hosted by AII of CAAS

<b>June 12, 2010 (Saturday)</b>	
07:00-08:30	<b>Registration (Location: Hall of Jia Bin Building)</b>
<b>08:30-09:15</b>	<b>Keynote Speech (Location, Meeting Room 5 of Jia Bin Building)</b>
08:30-09:00	<b>Chaired by TBD</b> <b>Role of Emerging Countries in Global Food Security, by Dr. Shenggen Fan, Director General, IFPRI</b>
09:00-09:15	<b>Q &amp; A</b>
<b>09:15-09:30</b>	<b>Coffee Break</b>
<b>09:30-11:10</b>	<b>Invited Paper Session (Location, Meeting Room 5 of Jia Bin Building)</b>
09:30-09:50	<b>Chaired by Qiao Zhang, Division Director, Agricultural Information Institute, CAAS</b> 1) Ensuring Security of Agricultural Products and Platform of Intelligent Early-Warning, by Shiwei Xu, DG of Agricultural Information Institute, CAAS
09:50-10:10	2) Nutrition Situation and Food Safety in China, by Xiaoguang Yang, Professor of Chinese Center for Disease Control and Prevention (CDC)
10:10-10:30	3) Feeding Dragon and Elephant: Reforms, Lessons, and Perspectives, by Dr. Ashok Gulati, Director for Asia, IFPRI
10:30-10:50	4) Do Stock Reserves and Price Control Stabilize Grain Market?--Lessons from recent world food crisis, by Funing Zhong, Professor, Nanjing Agricultural University
10:50-11:10	<b>Q &amp; A</b>
<b>11:10-12:00</b>	<b>Poster Paper Session</b>
<b>12:00-13:30</b>	<b>Lunch (location: Friendship Palace)</b>
<b>13:30-15:10</b>	<b>Contributed Paper Sessions C</b>
13:30-15:10	<b>Session 7: Improvement and Impact of Food Safety Regulations (Location: Meeting Room 2 of Jia Bin Building)</b>
13:30-13:50	<b>Chaired by Yanyan Liu, Research Fellow, IFPRI</b> 1) Trade Effect and Compliance Costs of Food Safety Regulatory: China's Experience, by Haiying Song*, Kevin Z. Chen, IFPRI / ICARD
13:50-14:10	2) Efficient Food Safety Regulation in the Agro-Food Wholesale Markets, by Yan Ren*, Yufa An, China Agricultural University
14:10-14:30	3) Reformation of Voluntary Food Recall System from the Angle of the Theory of Risk Society, by Ching Lu*, Yun Zhang, China Jiliang University
14:30-14:50	4) A Study on Household Food Security in Poverty-stricken Regions: Evidence from Western Rural China, by Yun Li* and Wen Yu, Institute of Agricultural Economics and Development, CAAS
14:50-15:10	<b>Q &amp; A</b>
13:30-15:10	<b>Session 8: Food Security Issues and Risk Management (Location: Meeting Room 5 of Jia Bin Building)</b>
	<b>Chaired by Yuanfeng Zhao, Inner Mongolia Agricultural University)</b>

13:30-13:50	1) Study on China's Food Security Status, by Fengying Nie*, Jieying Bi and Xuebiao Zhang, Agricultural Information Institute, CAAS
13:50-14:10	2) Cycle Phase Identification and its Impacting Factors of Agricultural Commodity Prices in China, Jingjing Wang*, Yongfu Chen, Xiuqing Wang, Xiaoping Zheng, Jing Zhao, College of Economics and Management, China Agricultural University
14:10-14:30	3) Contracting: An Instrument of Risk Management for Farmers, by Holly Wang, Yuping Zhang and Laping Wu*, Chinese Ag. University
14:30-14:50	4) Developing Rice Farm Insurance in Indonesia, by Sahat M. Pasaribu*, Indonesian Center for Agriculture Social Economic and Policy Studies
14:50-15:10	Q & A
13:30-15:10	<b>Session 9: Effectiveness of Crop Insurance (Location: Meeting Room 3 of Jia Bin Building)</b>
	<b>Chaired by Professor Guozhu Tuo, Capital University of Business and Management</b>
13:30-13:50	1) Evaluation of Operating Model and Efficiency for China's Policy-oriented Agricultural Insurance: Taking Tianjin City as An Example, by Yu-Zhen Zeng* and Yue-Ying Mu, China Agricultural University
13:50-14:10	2) Analysis of Crop Insurance Efficiency and Risk Factors in Major Grain Production Areas in China, by Ruihua Yang, Lihong Wang* and Zude Xian, China Agricultural University
14:10-14:30	3) Do Agricultural Policies Crowd-out Risk Management Strategies? Evidence from Farmer-level Analysis, by Jesús Antón and Shingo Kimura*, OECD
14:30-14:50	4) Testing the Existence of Adverse Selection in Subsidized Crop Insurance Markets in China, by LingLing Hou*, Dana Hoag and Yueying Mu, Colorado University
14:50-15:10	Q & A
15:10-15:20	<b>Coffee Break</b>
<b>15:20-17:00</b>	<b>Contributed Paper Sessions D</b>
15:20-17:00	<b>Session 10: Crop Risk Evaluation and Ratemaking (Location: Meeting Room 2 of Jia Bin Building)</b>
	<b>Chaired by Jeffrey Pai, University of Manitoba</b>
15:20-15:40	1) The Influence of Flexible Crop Yield Distributions on Crop Insurance Premium Rate in China, by Qiao Zhang* and Ke Wang, AII of CAAS
15:40-16:00	2) The Public-Private Partnerships in Agricultural Insurance in China: Policy Implication for Beijing, by Li Xing* and Kaiyu Lv, Beijing Branch, Swiss Reinsurance Company Ltd
16:00-16:20	3) On the Crop Insurance Premium Rate with Claim Data from the Pilot Agriculture Insurance Programme in Zhejiang Province, by Xingchun Zhong, Li Ma and Weihua Fang*, Beijing Normal university
16:20-16:40	4) A Monte Carlo Model for Simulating Insufficiently Remunerating Risk Premium: the Case of Market Failure in Organic Farming, by Ludwig Lauwers, Lieve De Cock, De Wit J and Erwin Wauters*, Institute for Agricultural and Fisheries Research, Merelbeke, Belgium
16:40-17:00	Q & A

15:20-17:00	<b>Session 11: Methods in Forecasting Prices and Assessing Food Insecurity Risk (Location: Meeting Room 5 of Jia Bin Building)</b>
15:20-15:40	<b>Chaired by Huijie Zhang, Professor, Agricultural Information Institute of CAAS</b> 1) A Method for Spatially Explicit Assessment of Potential Risks of Food Insecurity, by Wenbin Wu*, Peng Yang, Huajun Tang, Qingbo Zhou, Zhongxin Chen, Ryosuke Shibasaki,, Institute of Agricultural Resources and Regional Planning, CAAS
15:40-16:00	2) Measurement of the Fluctuation Risk of the China Fruit Market Price based on VAR, by Chuan Wang*, Junye Zhao and Min Huang, Agricultural Information Institute, CAAS
16:00-16:20	3) Short-Term Price Forecasting For Agro-products Using Artificial Neural Networks, by Ganqion Li*, Shi-wei Xu, Zhe-min Li, Agricultural Information Institute, CAAS
16:20-16:40	4) Fuzzy Comprehensive Evaluation of Drought Vulnerability Based on the Analytic Hierarchy Process: An Empirical Study from Xiaogan City in Hubei Province, Jing Cheng*, JianPing Tao, School of Economics and Management, Huazhong Agriculture University
16:40-17:00	Q & A
15:20-17:00	<b>Session 12: Demand Studies on Crop Insurance (Location: Meeting Room 3 of Jia Bin Building)</b>
15:20-15:40	<b>Chaired by Weijing Wang, International Fund for Agricultural Development</b> 1) Perceptions of Crop Insurance: A Survey of Western Canadian Grain Producers, by Karen Hodgson, Milton Boyd, and Jeffrey Pai*, University of Manitoba
15:40-16:00	2) The Research on Livestock Insurance, Demands and Participation Rate: An empirical research based on questionnaires of 471 pork producers in Zhejiang, China, by Yue-hua Zhang, Zhejiang University
16:00-16:20	3) Dynamic Insurance Demand under Liquidity Constraint and Possible Insurer Default, by Yanyan Liu* and Robert Myers, IFPRI
16:20-16:40	4) The Analysis of the Factors Affecting Small-scale Farmers to Participate in Policy-oriented Agricultural Insurance in Inner Mongolia Autonomous Region, by Yuanfeng Zhao*, Inner Mongolia Agricultural University
16:40-17:00	Q & A
<b>17:00-17:30</b>	<b>Closing Session (Location: Meeting Room 5 of Jia Bin Building)</b>
17:00-17:20	<b>Chaired by Professor Xianxue Meng – Deputy General Director of Agricultural Information Institute, CAAS</b> Comments by 1) Holly Wang, Associate Professor, Purdue University 2) Milton Boyd, Professor, University of Manitoba 3) GuoZhu Tuo, Professor, Capital University of Economics and Business 4) Samuel Shen, Professor, California State University - San Diego
17:20-17:30	Closing Remarks by Xianxue Meng, Vice Chairman of Organization Committees
<b>17:30-19:30</b>	<b>Buffet (Location: Friendship Palace)</b>