

## **Eric J. Wailes**

Distinguished Professor & L.C. Carter Chair in Rice & Soybean Marketing  
Agricultural Economics and Agribusiness  
University of Arkansas, Fayetteville



**Current Appointment:** 15 % Teaching, 75% Research, 10% Service

### **Education**

1983 Ph.D., Agricultural Economics, Michigan State University  
1972 B.Sc., Agricultural Economics, Cornell University

### **Professional Experience**

- Distinguished Professor, Department of Agricultural Economics and Agribusiness, University of Arkansas, 2011-present
- Fulbright Senior Specialist, International Agricultural Economist, University of Can Tho, Vietnam, 2007
- L.C. Carter Rice and Soybean Marketing Endowed Chair, Department of Agricultural Economics and Agribusiness, University of Arkansas, 2002-present
- Erasmus Mundus Visiting Professor, University of Ghent, Belgium, 2005
- Professor, Department of Agricultural Economics and Agribusiness, University of Arkansas, 1992-2010
- Visiting Professor, Scottish Agricultural College, Aberdeen, Jul-Dec, 1998
- Visiting Expert, Food and Agriculture Organization/Rome, Italy, Jan-Jun, 1998
- University Guest Professor, University of Helsinki, Finland, 1997
- Visiting Scholar, U.S. Dept. of Agr., Economic Research Service, 1991
- Associate Professor, Department of Agricultural Economics and Rural Sociology, University of Arkansas, 1986-92
- Assistant Professor, Department of Agricultural Economics and Rural Sociology, University of Arkansas, 1980-86

### **Areas of Research Expertise/specialization**

Research areas are focused on the economics of domestic and international trade policies. Specialization is on the economics of U.S. and international rice economies, understanding the impacts of new technologies, market developments, policy reforms, food security concerns and trade developments and policies. Current research is devoted to 1) understanding barriers and prospects of genetically modified rice to improve the diets and health of rice dependent food societies, 2) understanding the impacts of 2012 food and farm legislation and crop insurance for Arkansas farmers and the rice sector, 3) study of food security and trade related to the ASEAN region and regional trade agreements and 4) study of water resource allocation in Arkansas as it affects the competitiveness of the Arkansas rice economy.

### **Teaching Experience**

- Agricultural Marketing Analysis (graduate). 1983, 1986, 1999, 2004.
- Agricultural and Rural Development (graduate). 1983,85,86,87, 2004.
- Domestic and International Agricultural Policy (undergraduate/graduate). 1994-97,99-2012.
- International Trade and Macroeconomics (graduate) 2005-08.

- University Honors Course in Public Policy (undergraduate/graduate) 1999.

### **Professional Service**

- WRCC, "Assessing Chinese Markets for U.S. Agricultural Products," 1994-present.
- NC-1016, "Trade agreements, bioterrorism, and renewable fuels for U.S. grains." 2004-2010, Chair, 2008
- S-1043, Economic Impacts of Trade and Domestic Policies on Southern Agriculture. 2008-present, Chair, 2009.
- Member of 6 Expert Panels for USDA
- Ad hoc reviewer for 42 journal articles
- Member of editorial board of one journal

### **Honors and Awards**

- Spitze Land Grant University Faculty Award for Excellence, 2010, Division of Agriculture, University of Arkansas
- *Journal of Applied Communications* journal article of the year for 2003, co-author.
- John W. White Outstanding Research Award, University of Arkansas, Division of Agriculture, 2003.
- Outstanding Research Program, University of Arkansas Faculty of College of Agriculture, Food and Life Sciences, Gamma Sigma Delta Agricultural Honorary Fraternity, 1997
- Outstanding Rice Research and Service Award, Rice Technical Working Group, 1990-92 and 1996-98
- Outstanding International Research Program, University of Arkansas, Phi Beta Delta Chapter Recognition, 1991

### **Grants and Contracts since 2003**

- USDA/ERS/FAPRI/Iowa State University 2003-2011 \$310,000
- Rice Research and Promotion Board, Rice Farm Economics \$446,000, 2003-2012 (with B. Watkins)
- SARE/USDA. Conversion of poultry and swine facilities \$17,448. 2003-2004 (with Mike Evans)
- ERS/USDA. Global Analysis of Increased Rice Trade Liberalization. \$20,000. 2003-2004
- SARE/USDA, Policy framework for organics agriculture, \$280,000 2004-2008
- USDA/ERS, Impact of demographic factors on agricultural and food trade, 2004-05, \$15,000
- White River Irrigation District, Re-evaluation of Grand Prairie Irrigation Project, 2007-2011 \$40,000
- USDA/NRI, Trade Negotiations, 2008-2010, \$210,000
- U.S. Department of Education, EU-US Atlantis Program, 2008-12, \$448,000 (with Parsch/Ahrendsen)
- Cotton, Inc. COTMAN software evaluation. 2009-2012 - \$35,000
- Soybean Promotion Board. Policy analysis of soybean farms. 2011-12 - \$10,000.
- Rice Research and Promotion Board, 2012 Farm Bill analysis, 2011-2013, \$32,000
- AgHeritage and Farm Credit Banks of Arkansas. Policy Analysis. 2010-2011 - \$12,000
- Arkansas Natural Resources Commission. Evaluation of State Water Plan. 2010-2011 - \$30,000.

- John Templeton Foundation, Barriers to Commercialization of GM Rice, \$250,000, 2012-2014.

### **Publications/Presentations since 2003**

31 Journal articles  
 18 Posters  
 35 Selected papers  
 8 Book chapters  
 71 Invited presentations

### **Selected Publications/Presentations**

- “Market impacts of Adopting Herbicide-Resistant Rice in the Southern United States.” (with F. Fuller and M. Annou) *Journal of Agricultural and Applied Economics*, 35(1):185-93.
- “Communicating Biotechnology: Relationships between Tone, Issues, and Terminology in U.S. Print Media Coverage.” (with J. Miller and F. Mwaijande) *J. of Applied Communications*. 87 (3):29-40.
- “Implications of the WTO Doha Round for the Rice Sector.” *Proceedings*, World Rice Conference. FAO, United Nations. At <http://www.fao.org/rice2004/en/pdf/wailes.pdf>
- “Innovation Dissemination and the Market Impacts of Drought-Tolerant Rice.” *International Journal of Biotechnology*. (with M. Annou and F. Fuller) Vol. 7 No. 1/2/3:113-127
- “Rice global trade, protectionist policies, and the impact of trade liberalization.” In *Global Agricultural Trade and Developing Countries*. Eds. M. Ataman Aksoy and John C. Beghin. World Bank.
- “A dynamic decision model of technology adoption under uncertainty: case of herbicide-resistant rice.” (with M. Annou and M Thomsen) *J. Agr. and Appl. Econ.* V37 n1(April 2005):161-72.
- “Surface water diversion impacts on farm income and sources of irrigation water: the case of the Grand Prairie in Arkansas.” (with J.Hill, J Popp, K. Young) *J. Soil and Water Conservation* 61(4):185-191.
- “Challenges for market intelligence in an increasingly differentiated global rice economy.” In Aggarwal PK, Ladha JK, Singh RK, Devakuar C and Hanrady B, eds. *Science, technology, and trade for peace and prosperity*. Proceedings, International Rice Research Conference, New Delhi, India.
- “The WTO and U.S. Domestic Support in the Food, Conservation, and Energy Act of 2008.” (with P. Rosson) *Choices*. 23(3): 46-48.
- “LL601 contamination and its impact on U.S. rice prices.” (with Y.Li, A. McKenzie, M. Thomsen) *Journal of Agricultural and Applied Economics* 42,1(February 2010):31-38.
- “The International Rice Trade: Structure, Conduct and Performance.” (with P. Dorosh) In *Rice in the Global Economy: Strategic Research and Security*. 50<sup>th</sup> Anniversary Book of the International Rice Research Institute. IRRI, Los Baños, Philippines. November, 2010. At: [http://books.irri.org/9789712202582\\_content.pdf](http://books.irri.org/9789712202582_content.pdf)
- “Global Rice Supply and Demand Outlook: Implications for Future Food Security.” (With S. Mohanty and E. Chavez) In *Rice in the Global Economy: Strategic Research and Security*. IRRI, Los Baños, Philippines. November, 2010.
- “The global rice market: what’s happening and what’s ahead”. Invited Presentation. International Rice Policy and Investment Conference, 3<sup>rd</sup> International Rice Congress. Hanoi, Vietnam. 2010.

- “Trade Negotiations: Treatment of Sensitive Agricultural Products.” (with A. Durand-Morat) USDA National Research Initiative Conference. Denver, CO.
- Wailes, Eric and Eddie Chavez. “World Rice”. In FAPRI 2000-2010 U.S. and World Agricultural Outlook. FAPRI Staff Report Prepared for U.S. Congress.
- Durand-Morat, Alvaro and Eric Wailes. 2010. Riceflow: a multi-region, multi-product spatial partial equilibrium model of the world rice economy. Staff Paper 03 2010. Dept. Agr. Econ and Agbus. Univ. of Arkansas. <http://ageconsearch.umn.edu/handle/92010>
- A Quantitative Analysis of Trade Policy Responses to Higher World Agricultural Commodity Prices. (with E. Yu, S. Tokgoz, E. Chavez) *Food Policy* 36 (2011) 545-561.
- Rice market situation and outlook: national, regional and global contexts. Invited presentation to the Technical Workshop on Rice Price Volatility and Trade. ASEAN Food Security Rice Board and Asian Development Bank. Bangkok, Thailand. January 26, 2012.
- Trade scenarios in 2012 and policy options for managing price volatility. Invited presentation to the Technical Workshop on Rice Price Volatility and Trade. ASEAN Food Security Rice Board and Asian Development Bank. Bangkok, Thailand. January 26, 2012.
- ASEAN and Global Rice Situation and Outlook, 2011-2021. Invited presentation at the 1<sup>st</sup> ASEAN Rice Trade Forum, Strengthening cooperation on regional rice trade issues. ASEAN Food Security Reserve Board (AFSRB), June 19-20, 2012. Siem Reap, Cambodia.
- Integrating conservation in Arkansas state water policy. (with K. Bektemirov) *Journal of Soil and Water Conservation* 67:3, 80A-83A. At: <http://www.jswnonline.org/content/67/3/80A.extract>
- Analysis of Participation in Multifunctional Agriculture: U.S. Rice Farms. 2012. Selected paper Southern Agricultural Economics Association meeting, Birmingham, AL. (with J Tur Cardona, B.L. Dixon and D.M. Danforth)
- Analysis of Commodity Program Adjustments for U.S. Rice in Stochastic Framework. 2012. Selected paper Southern Agricultural Economics Association meeting, Birmingham, AL. (with E.C. Chavez)
- Arkansas Representative Panel Farm Analysis of Loan Rates and Target Prices for the 2012 Farm Bill. (with V. Karov and K.B. Watkins) In B.R. Wells Rice Research Studies, Research Series 600, August. pp. 364-371.
- “Impact of U.S.–Japan Free Trade Agreement on U.S. and World Agricultural Markets.” 2012. A special collaborative study by the Center for Agricultural and Rural Development at Iowa State University and the University of Arkansas. March 2012. (with J Fabiosa, M. Carriquiry, A El-Obeid, E. Chavez)
- “World Rice Outlook: International Rice Baseline Projections with Deterministic and Stochastic Components, 2012-2021”. (with E. Chavez) University of Arkansas Department of Agricultural Economics and Agribusiness, Division of Agriculture Staff Paper 01-2012. Published at: <http://ageconsearch.umn.edu/handle/123203>
- “World Rice Outlook: International Rice Deterministic and Stochastic Baseline Projections, 2012-2021”. (with E. Chavez) In: R.J. Norman and K.A.K. Moldenhauer (eds.). B.R. Wells Rice Research Studies 2011. University of Arkansas Agricultural Experiment Station, Research Series 600, August: Pages 379-395.

- “Stochastic Analyses of Commodity Program for U.S. Rice: Adjustments on Deficiency Payments, Target Price and Loan Rate”. (with E. Chavez) In: R.J. Norman and K.A.K. Moldenhauer (eds.). B.R. Wells Rice Research Studies 2011. University of Arkansas Agricultural Experiment Station, Research Series 600, August: Pages 372-378.
- “Impact of Removal of China’s Production and Input Subsidies and Price Supports for Crops and Livestock on U.S. and World Agricultural Markets.” 2012. Special collaborative study with FAPRI-ISU. July. (with M. Carriquiry, A. El-Obeid, E. Chavez, S. Pan, and D. Hayes)
- Impact of hybrid rice on food security: a spatial equilibrium analysis of global large-scale deployment of hybrid rice varieties on production, consumption quantity and price. (with Till Ludwig and Alvaro Durand-Morat). Selected paper presentation at the 6<sup>th</sup> International Hybrid Rice Symposium, Hyderabad, India. September 10-12, 2012.
- “Assessment of House and Senate Farm Bill Proposals”. 2012. (with B. Watkins, V. Karov, and E.Chavez) Presentation to 2012 Arkansas Rice Expo.
- “ASEAN and Global World Rice Situation and Outlook” 2012. (with E. Chavez) Asian Development Bank. Food Security Working Paper. No. 22. Manila, Philippines.
- “World Economic Outlook and Agricultural Trade.” Invited presentation at International Policy Forum on Crisis and Agricultural Trade, Beijing, China, November 15-16, 2012.
- “Investigating the influence of the institutional organization of agri-environmental schemes on scheme adoption”. (with E. Mettepenningen, V. Vandermeulen, K Delaet, G. Van Huylenbroeck). *Land Use Policy*, 33 (2013): 20-30.
- “ASEAN and Global Rice Situation and Outlook, 2011-2022.” 2013. (with Eddie C. Chavez). 2<sup>nd</sup> ASEAN Rice Trade Forum, Yogyakarta, Indonesia. Pp. 51 available at: <http://www.scribd.com/doc/154935102/ASEAN-and-Global-Rice-Situation-and-Outlook-2011%E2%80%932022>