

# MAROS IVANIC

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## EDUCATION

- Ph.D. in Agricultural Economics, Purdue University, West Lafayette, IN 2004
- Specialization in international trade, economic development and mathematical modeling
  - Dissertation title “Global Poverty Assessment in GTAP: Improving the Data and the Model”
- M.A. in Agricultural Economics, Purdue University, West Lafayette, IN 2002
- Specialization in household survey analysis and computable household modeling
  - Thesis title: “Assessment of Household Survey and Their Contribution to Poverty Research: the Income Side of the Story”
- B.A. in Economics, Lyon College, Batesville, AR 2000
- Specialization in public and corporate finance

## EMPLOYMENT

- Research Economist, Agriculture and Rural Development Team, Development Research Group, World Bank Group, Washington, DC 2009–present
- Analyzed trade agreements between the EU and its partners
  - Analyzed the volatility of global food and energy markets
  - Analyzed the role of recent global and national trade policies on the world commodity markets
  - Assessed the impacts of various global policy scenarios on world poverty using household surveys
  - Evaluated the role of European Union's agricultural trade protection volatility on commodity markets
  - Developed micro- and macroeconomic analytical frameworks for market and poverty analysis
- Consultant, Trade Team, Development Research Group, World Bank, Washington, DC 2007–2009
- Processed household surveys into a methodological tool for poverty assessment
  - Analyzed the causes of the Food Crisis of 2007–2008 and its impacts on global poverty
  - Analyzed the role of energy subsidies and the strategies for improving energy efficiency in the Middle East
- Consultant, Deloitte, Washington, DC 2009
- Analyzed and proposed a comprehensive trade reform for the government of Jordan as a part of a broader USAID-funded project aimed at building country's trade capacity
- Senior Expert, Gulf Organization for Industrial Consulting, Doha, Qatar 2006–2007
- Analyzed various regional trade agreement proposal for the Gulf Cooperation Council (GCC) member countries
  - Advised the GCC governments on WTO issues
  - Developed of industrial strategies for the GCC countries
  - Analyzed labor markets and production capacities in the GCC countries

- Developed social accounting matrices and input-output tables for the GCC countries and their implementation in a computable model

Extended Term Consultant, Trade Team, Development Research Group, World Bank Group, Washington, DC 2004–2006

- Analyzed the impacts of European Union's regional trade agreements on employment in the region of the Middle East and North Africa
- Assessed the effect of global trade and labor liberalization policies on poverty
- Evaluated the agricultural reform proposal under the Doha trade negotiations on global trade
- Implemented household survey data in the framework of global macroeconomic modeling
- Research Assistant, GTAP Center, Purdue University, West Lafayette, IN 2000–2004
- Researched global trade and agricultural issues related to the contemporary discussion of the global trade reform
- Developed numerical macroeconomic and microeconomic models for welfare and poverty analysis
- Estimated a range of key parameters for the use in macroeconomic models

Consultant, GenCorp Inc., Batesville, AR 1998–2000

### **TECHNICAL AND ANALYTICAL SKILLS**

- Computer General Equilibrium Modeling: GEMPACK and GAMS software
- Computer Programming: .NET and Visual Basic programming
- Data Analysis: MS SQL and Oracle
- Statistical Analysis: SAS, SPSS and STATA

### **LANGUAGES**

- English, Slovak, Czech—fluent
- Spanish, German, Russian—beginner

### **PUBLICATIONS**

#### Journal Articles

- Ivanic, Maros, Will Martin and Hasasn Zaman. (2012) "Estimating the Short-Run Poverty Impacts of the 2010–11 Surge in Food Prices." *World Development*, Volume 40, Issue 11, pages 2302–2317
- Maros Ivanic and Will Martin. (2010) "Poverty impacts of improved agricultural productivity: opportunities for genetically modified crops." *AgBioForum*, Volume 13, Issue 4, Pages 308–313.
- Ianchovichina Elena, Maros Ivanic and Will Martin. (2010). "The Growth of China and India: Implications and Policy Reform Options for Malaysia." *Asia-Pacific Economic Literature*, Volume 24, Issue 2, Pages 117–141
- Elena Ianchovichina, Maros Ivanic and Will Martin. (2009) "Implications of the Growth of China and India for the Middle East." *Middle East Development Journal*, Volume 1, Number 1, Pages 1–25
- Maros Ivanic and Will Martin. (2008) "Implications of Higher Global Food Prices for Poverty in Low-income Countries" *Agricultural Economics* 39, Volume 39, Issue s1, Pages 405–416

- Thomas Hertel, David Hummels, Maros Ivanic, and Roman Keeney. (2007) “How Confident Can We Be in CGE-based Assessments of Free Trade Agreements?” *Economic Modelling*, Volume 24, Number 4, Pages 611–635
- Thomas W. Hertel, Roman Keeney, Maros Ivanic, and L. Alan Winters. (2007) “Distributional Effects of WTO Agricultural Reforms in Rich and Poor Countries.” *Economic Policy*, Volume 22, Pages 289–337
- Thomas W. Hertel and Maros Ivanic. (2006) “Making the Doha Development Agenda More Poverty-friendly: The Role of South-South Trade.” *Review of Agricultural Economics*, Volume 28, Number 3, Pages 354–361
- Thomas W. Hertel, Maros Ivanic, Paul V. Preckel, and John A. L. Cranfield. (2004) “The Earnings Effects of Multilateral Trade Liberalization: Implications for Poverty.” *World Bank Economic Review*, Volume 18, Number 2, Pages 205–236
- Thomas W. Hertel, Maros Ivanic, Paul V. Preckel, John A.L. Cranfield, and Will Martin. (2003) “Short- versus Long-run Implications of Trade Liberalization for Poverty in Three Developing Countries.” *American Journal of Agricultural Economics*, Volume 85, Number 5, Pages 1299–1306
- Thomas W. Hertel, Paul V. Preckel, John A.L. Cranfield, and Maros Ivanic. (2003) “Multilateral trade liberalization and poverty in Brazil and Chile.” *Economie Internationale*, Number 94–95, Issue 2–3, Pages 201–233

#### Working Papers

- Kym Anderson, Maros Ivanic and Will Martin. (2013) “Food price spikes, price insulation, and poverty.” *World Bank Policy Research Working Paper 6535*
- Maros Ivanic and Will Martin. (2011) “A Need for Caution in Applying the Volume-Based Special Safeguard Mechanism.” *Annual Meeting of Agricultural and Applied Economics Association*, July 2011
- Ivanic, Maros, Martin, Will and Zaman, Hassan. (2011) “Estimating the short-run poverty impacts of the 2010-11 surge in food prices.” *Policy Research Working Paper Series 5633*, The World Bank. 2011; Also submitted for publication in the *Journal of World Development*
- Maros Ivanic, Will Martin and Aaditya Mattoo. (2011). “Welfare and Price Impacts of Price-Insulating Policies.” *14th Annual GTAP Conference*, GTAP resource \# 3651
- Ivanic Maros, Will Martin and Hassan Zaman. (2011). “Estimating the short-run poverty impacts of the 2010–11 surge in food prices.” *Working paper (forthcoming)*.
- Ianchovichina Elena, Maros Ivanic and Will Martin. (2010). “The Growth of China and India: Implications and Policy Reform Options for Malaysia.” *GTAP Resource number 3337*.
- Ianchovichina, Elena, Maros Ivanic and Martin, Will. (2009). “Implications of the growth of China and India for the other Asian giant: Russia.” *Policy Research Working Paper Series 5075*, The World Bank.
- Maros Ivanic and Will Martin. (2008). “Implications of higher global food prices for poverty in low-income countries,” *Policy Research Working Paper Series 4594*, The World Bank

#### Book chapters

- Kym Anderson, Maros Ivanic, and Will Martin. (2013) “Food Price Spikes, Price Insulation, and Poverty.” In “*The Economics of Food Price Volatility*” edited by Jean-Paul Chavas, David Hummels, and Brian Wright. University of Chicago Press

- Ianchovichina, Elena, Maros Ivanic and Will Martin (2010). "Economic Growth in China and India: Challenges and Opportunities" López-Cálix, Peter Walkenhorst, and Ndiame Diop eds. (2010), Trade Competitiveness of the Middle East and North Africa: Policies for Export Diversification, World Bank Publications, Washington.
- Ianchovichina, Elena, Maros Ivanic, Will Martin. (2010). "Implications of the growth of China and India for the other Asian giant: Russia." Yueh, L. editors (2010), The Future of Asian Trade and Growth: Economic Development with the Emergence of China, Routledge, London.
- Will Martin and Maros Ivanic. (2009) "The food price crisis, poverty and agricultural trade policy." Karapinar, B. and Christian Haberli editors, The End of Cheap Food and the WTO, Cambridge University Press, forthcoming
- Elena Ianchovichina, Maros Ivanic and Will Martin. (2009) "Implications of the Growth of China and India for the Other Asian Giant: Russia." Chapter in The Future of Asian Trade and Growth: Economic Development with the Emergence of China, forthcoming.
- Will Martin and Maros Ivanic. (2005) "Market access for nonagricultural products: in search of a formula." Chapter 11 in Trade, Doha, and Development: A Window into the Issues, World Bank Publications.
- Thomas W. Hertel and Maros Ivanic. (2004) "Assessing the World Market Impacts of Multilateral Trade Reforms." Chapter 3 in Poverty And the WTO: Impacts of the Doha Development, World Bank Publications.
- Maros Ivanic. (2004) "The Effects of a Prospective Multilateral Trade Reform on Poverty in Developing Countries." Chapter 14 in Poverty And the WTO: Impacts of the Doha Development, World Bank Publications.

#### Other Articles

- Chauffour, Jean-Pierre, Maros Ivanic, David Laborde, Maryla Maliszewska, Will Martin. (2011) "Impact of a Free Trade Agreement between Ukraine and the European Union on Ukraine's Agricultural Sector." Report on the potential impacts of the proposed agricultural PTA/FTA between Ukraine and the EU on Ukraine's agricultural sector, World Bank.
- Maros Ivanic and Will Martin. (2008) "Ensuring Food Security." Finance and Development, International Monetary Fund, Volume 45, Number 4.
- Maros Ivanic and Will Martin. (2008) "Food prices and food security." {Column in VoxEU, the Centre for Economic Policy Research.
- Thomas Hertel, Roman Keeney, Maros Ivanic, and Alan Winters. (2007) "Why isn't the Doha Development Agenda more Poverty Friendly?" GTAP Working Papers 2292, Center for Global Trade Analysis, Department of Agricultural Economics, Purdue University.
- Maros Ivanic. (2004) "Reconciliation of the GTAP and Household Survey Data." GTAP Research Memoranda 1408, Center for Global Trade Analysis, Department of Agricultural Economics, Purdue University.
- Thomas Hertel, Maros Ivanic, Paul Preckel, and John Cranfield. (2003) "Trade liberalization and the structure of poverty in developing countries." GTAP Working Papers 1207, Center for Global Trade Analysis, Department of Agricultural Economics, Purdue University.

#### Reviewer

- International Journal of Finance and Economics
- Agricultural Economics
- World Bank Working Paper Series

## Presentations

- Maros Ivanic and Will Martin. "Productivity Growth and Poverty Reduction." Villa Mondragone Conference, Rome, June 2013
- Kym Anderson, Maros Ivanic, and Will Martin. "Food Price Spikes, Price Insulation and Poverty." GTAP Conference China, June 2013; also WB Seminar, Nanjing, China, October 2012; also Gewisola, Germany June 2012
- Maros Ivanic and Will Martin. "World Food Prices and the Poor: A Slow Food Price Crisis?" IFPRI, Washington, USA May 2013
- Maros Ivanic and Will Martin. "Implications of Price Insulation for Global Food Price Volatility." IMF, Washington, USA, March 2013
- Ianchovichina, Elena, Maros Ivanic and Will Martin. "The Growth of China and India: Implications and Policy Reform Options for Malaysia." Presented at the 13th Annual Conference on Global Economic Analysis, Penang, Malaysia, June 2010
- Ivanic, Maros and Will Martin. "Promoting global agricultural growth and poverty reduction." Presented at the 114th EAAE Seminar, Berlin, Germany, April 2010
- Ivanic, Maros. "Global Prospects of Innovation in Agriculture." Presented at UDC, Washington, DC, USA, 2009
- Ivanic, Maros. "Computable General Equilibrium Modeling: Challenges for tomorrow's policy questions." Presented at the Center for Strategic and International Studies on the use of CGE in analyzing water, energy and food issues, Washington, DC, USA, 2009
- Ivanic, Maros and Will Martin. "Food Price Crisis, Poverty and Agricultural Trade Reform." Presented at the Elliott School of International Affairs of the George Washington University, Washington, USA, 2009
- Ivanic, Maros and Will Martin. "Implications of Higher Global Food Prices for Poverty in Low-income Countries." Presented at the World Bank, Washington, USA, 2008
- Ivanic, Maros, Catherine L. Mann, John S. Wilson. "Aid-for-Trade Facilitation: Costs and Benefits" (2006). Presented at the OECD Policy Dialogue on Aid for Trade, 6–7 November 2006, Doha, Qatar
- Ivanic, Maros and Will Martin. "Poverty Implications of Excluding Special Agricultural Products from Trade Liberalization." Presented at ETSG 2006 Vienna Eighth Annual Conference 7–9 September 2006 in Vienna, Austria
- Ivanic, Maros. "How can we make trade reform good for the poor?" (2005). Presented at the World Bank, Washington, USA, 2005
- Ivanic, Maros. "Poverty reduction through sector-specific investment." Presented at the 8<sup>th</sup> Annual GTAP Conference, Lubeck, Germany, 2005
- Ivanic, Maros. "The Effects of Prospective Multilateral Trade Reform on Poverty in Fifteen Developing Countries." Presented at the Policy Coherence in Trade and Agriculture Seminar, Trinity College, Dublin, 2005
- Ivanic, Maros. "The poverty effects of prospective Doha round trade liberalization." Presented at the conference on "Putting Development Back into Doha Agenda: Poverty Impacts of a WTO Agreement," by the BNPP Trust Fund, World Bank at the Hague, Netherlands, 2004
- Ivanic, Maros. "Implications of household saving on poverty." Presented at the 7th Annual GTAP Conference organized by The World Bank and Global Trade Analysis Project in Washington, USA, 2004.

Valenzuela, Ernesto, Thomas W. Hertel, Maros Ivanic, and Alejandro Nin Pratt. "Evaluating poverty impacts of globalization and trade policy changes on agricultural producers." Presented at the American Agricultural Economics Association Meetings, , Denver, USA August 2004.

Hertel, Thoams, Maros Ivanic, Paul Preckel and John Cranfield. "Trade Liberalization and the Structure of Poverty in Developing Countries." Presented at the WIDER conference on Sharing Global Prosperity, 2003.

Ivanic, Maros. "Multilateral trade liberalization and poverty in Brazil and Chile." Presented at Methodological Tools for Assessing the Sustainability Impact of EU's Economic Policies, with Applications to Trade Liberalisation Policies, Brussels, Belgium, 2002.

## **RESEARCH INTERESTS**

### Issues of international trade

- Advancement of the theory of international trade and its modeling
- Estimation of key parameters governing international trade
- Issues of effective trade facilitation and trade promotion
- Improvements in measuring and reconciling data on trade in goods and services

### Global poverty and development

- Institutional strategies for global and local development
- Evaluation of past progress in development
- Impact of trade reform on poverty

### Microeconomic analysis of development

- Comprehensive estimation of household consumption behavior
- Issues of skills, employment and migration
- Issues of household-level farm production, own consumption and market sales

### Energy issues

- Issues regarding modeling of energy use
- Impact of global energy policies on energy use and pollution

### Commodity markets

- Political and environmental causes of market volatility
- Impacts of commodity markets on poverty