

Manitra A. Rakotoarisoa

6674 Bartrams Forest Lane, Haymarket VA 20169, USA
Cells: + 1 571 723 9046; +39 388 350 4601 E-mail: manitra@infisum.com

PROFILE HIGHLIGHTS

- Solid experience in applied economics: industrial organization; mechanism design
- Proven track record in global economic analysis: international economics, trade and investment.

RELEVANT PROFESSIONAL EXPERIENCE

CURRENT EMPLOYMENT

Lead Economist at Infinite-Sum Modeling LLC., <http://infisum.com/> USA, since 06/2017.

Consultant International Economics and Development for the United Nations FAO.

Invited Lecturer in International Development at Bay Atlantic University, Washington D.C., USA.

PAST EMPLOYMENT

Trade Economist, Food and Agriculture Organization of the United Nations / Trade and Markets Division, Rome, Italy, 03/2008 – 03/2017.

Research Economist, Consultative Group of International Agriculture Research Centers (CGIAR)/ILRI, Nairobi, Kenya and Addis Ababa, Ethiopia 03/2006 – 03/2008.

Research Fellow, International Food Policy Research Institute (IFPRI)/Consultative Group of International Agriculture Research Centers (CGIAR)/ Markets, Trade and Institution Division, Washington D.C., USA. 09/2003 – 01/2006.

Assistant Professor, International Development, School of Agricultural Economics and Rural Development, Seoul National University, Seoul, South Korea 12/2002- 08/2003.

Economist (intern, contractor, post-doctoral) Economic Research Services/United States Department of Agriculture, Market and Trade Economics Division, Washington D.C. 02/1999 – 12/2002.

Research and Teaching Assistant in "International Trade" for graduate and undergraduate levels, Oklahoma State University, USA. 05/2001 –08/2001.

Research Economist, and Teaching Assistant, National Research Center for Rural Development of Madagascar (FOFIFA), and Université d'Antananarivo, Madagascar, 10/1991- 08/1995.

Engineer-in-Chief and Technico-Commercial Manager of Agro-Chemical BAYER A.G. Representation in Southern Africa and Madagascar. 09/1989 - 05/1991.

Economist, Consultant The World Bank (02/2006); CIRAD France (04/1992); USAID (05/1995).

EDUCATION

PhD Applied Economics (Oklahoma State University, USA), Specialization: International Agricultural Trade and Marketing, and Industrial Organization, 2001.

MSc Applied Economics (Oklahoma State University, USA), 1998.

Postgraduate studies Economie Rurale (CIRAD, France), 1993-94.

MSc & BSc Industrial Engineering (ESSA, Université d'Antananarivo, Madagascar), 1989.

Baccalauréat Mathématiques & Physiques (Université d'Antananarivo), Madagascar, 1983.

LANGUAGES:

English; French (native); **Malagasy** (native); **Italian** (intermediate); **Kiswahili** (basic); **German** (basic); **Korean** (basic);

COMPUTER SKILLS: GAMS, GEMPACK, EViews, Mathematica, MATLAB, STATA, SAS, SPSS

SELECTED PUBLICATIONS

1. Journal Articles and Scientific Reports

- Rakotoarisoa, M.A., Kaitibie S. (2019). **Effects of Regular Off-farm Activities on Household Agricultural Income: Evidence from Kenya's Kerio Valley** forthcoming in *SocioEconomic Challenges*.
- Rakotoarisoa, M.A., Khorana, S., Narayanan, B.G. (2019). **The Trade Liberalization – Labor Productivity Nexus: The Case of Sub Saharan Africa.** *SocioEconomic Challenges*, 1(3), 5-. [https://doi.org/10.21272/sec.1\(3\).5-20.2019](https://doi.org/10.21272/sec.1(3).5-20.2019).
- Kaitibie S., Haq M.M., Rakotoarisoa M.A.(2017). **“Analysis of Food Imports in a Highly Import Dependent Economy”** *Review of Middle East Economics and Finance*.13(2) <https://doi.org/10.1515/rmeef-2016-0033>.
- Rakotoarisoa M.A. (2017). **“Path Dependent and Heterogeneity Effects in Investment Risk Ratings: A Cross-Country Evidence.”** *International Review of Economic and Finance*, 51: 19-35. <http://www.sciencedirect.com/science/article/pii/S1059056017303027>
<https://doi.org/10.1016/j.iref.2017.04.005>
- Kaitibie S., Rakotoarisoa M.A.(2017). **“Determinants of the Intra Gulf-Cooperation-Council Trade: An Augmented-Gravity Model.”** *The International Trade Journal*, 31:272-93. DOI: 10.1080/08853908.2017.1288182. <http://www.tandfonline.com/doi/full/10.1080/08853908.2017.1288182>
- Rakotoarisoa M.A., Chang K. (2017). **“The ACP Sugar Sectors in the Post 2017 Era (Impacts of the Elimination of EU Production Quota and Reciprocal Preferential Access on Sugar Farm Income and Employment).”** Trade and Markets Division *Technical Report*. Economic and Social Development Department, FAO of the United Nations <http://www.fao.org/3/a-i5860e.pdf>
- Rakotoarisoa M.A. (2016). **"Trade with Endogenous Market Power under Asymmetric and Incomplete Information."** *Journal of Industry Competition and Trade*. 16(4): 423-440. DOI 10.1007/s10842-016-0217-0 <http://link.springer.com/article/10.1007%2Fs10842-016-0217-0>
- Rakotoarisoa M.A. (2016). **“The Welfare Impacts of Foreign Agricultural Investment in Sub-Saharan Africa.”** *Bridges Africa*, 5(5). <http://www.ictsd.org/bridges-news/bridges-africa/news/the-welfare-impacts-of-foreign-agricultural-investment-in-sub> and http://www.fao.org/fileadmin/templates/est/PUBLICATIONS/Comm_Working_Papers/Working_paper_33.pdf
- Rakotoarisoa M.A., Fang C. (2015). **“Rethinking the Africa-China Trade: Some Policy Considerations and Implications.”** *Bridges Africa* 4(7). <http://www.ictsd.org/bridges-news/passerelles/news/commerce-entre-la-chine-et-l%E2%80%99afrique-subsaaharienne-comment-d%C3%A9passer-la>
- Rakotoarisoa M.A. (2011). **“Strategic Trade Policies under Monopsony and Uncertainty: The Exporter's Non-Linear Responses Based on the Organization of Its Industry.”** *Journal of Industry Competition and Trade* 11(2): 187-201. <http://link.springer.com/article/10.1007%2Fs10842-010-0073-2>
- Rakotoarisoa M.A. (2011). **“Agriculture Liberalisation and Economic Integration in Africa.”** *Trade Negotiation Insights* 10 (9).
- Rakotoarisoa M.A. (2011) **“A Contribution to the Analysis of the Impacts of Foreign Agricultural Investment on Food Sector and Trade in Sub-Saharan Africa.”** Working Paper. No. 33 Markets and Trade Division, Food and Agricultural Organization of the UN. http://www.fao.org/fileadmin/templates/est/PUBLICATIONS/Comm_Working_Papers/Working_paper_33.pdf
- Rakotoarisoa M.A. (2011). **“The Impact of Agricultural Policy Distortions on Productivity Gap: Evidence from Rice Production.”** *Food Policy*. 36(2): 147-157. <http://www.sciencedirect.com/science/article/pii/S0306919210001077>
- Rakotoarisoa M.A., Massawe S., Mude A., Ouma R., Bahiigwa G., Freeman A. Karugia J. (2009). **“Livestock-Based Investment Opportunities for North Eastern Province of Kenya.”** *Tech. Rep.*

7. *International Livestock Research Institute*, Nairobi, Kenya.

<http://www.resakss.org/sites/default/files/pdfs/investment-opportunities-for-livestock-in-the-nort-39395.pdf>

- Rakotoarisoa M.A., Kim S.S. (2008). “**Does Trade, Technology or Education Expel Traditional Sectors? Evidence from the Collapse of the Silk Sector in South Korea.**” *Asian Economic Journal* 22:113-132 <http://onlinelibrary.wiley.com/doi/10.1111/j.1467-8381.2006.00228.x-i1/epdf>
- Rakotoarisoa M.A. (2006). “**Policy Distortions in the Segmented Rice Market.**” *Discussion Paper no. 94. International Food Policy Research Institute/ Markets, Trade and Institutions Division.* Washington DC. <https://www.ifpri.org/publication/policy-distortions-segmented-rice-market>
- Rakotoarisoa M.A., Gulati A. (2006). “**Competitiveness and Trade Potential of India’s Dairy Industry.**” *Food Policy* 31 (3): 216-227. <http://www.sciencedirect.com/science/article/pii/S0306919206000339>
- Rakotoarisoa M.A., Shapouri S. (2001). “**Market Power and Pricing of Commodities Imported from Developing Countries.**” *Agricultural Economics* 25: 285-294. <http://onlinelibrary.wiley.com/doi/10.1111/j.1574-0862.2001.tb00208.x/epdf>

2. Books, Book Chapters

- Rakotoarisoa M.A., Shapouri S, and Trueblood M. (2018). “**The Impacts of Human Capital Accumulation and Allocation on Manufacturing Value-Added in Selected African Countries.**” In *Knowledge and Innovation for Africa’s Transformation*, Eds. Elhiraika, Riba, Ibrahim, G. Palgrave Macmillan. New York.
- Rakotoarisoa M.A. (2015), “**Analysis of Size and Distribution of Trade Benefits at Firm and Industry Level in Developing Countries.**” Trade and Markets Division, Food and Agricultural Organization of the United Nations. Rome, Italy. <http://www.fao.org/3/a-i5130e.pdf>
- Rakotoarisoa M.A., Iafrate M., Paschali M. (2011). “**Why Has Africa Become a Net Food Importer? Explaining Africa Agricultural and Food Trade Deficits.**” Trade and Markets Division, Food and Agricultural Organization of the United Nations. Rome, Italy. <http://www.fao.org/docrep/015/i2497e/i2497e00.pdf>
- Rakotoarisoa M.A., Sharma R., Hallam D. (2010). “**Agricultural Import Surges in Developing Countries: Analytical Framework and Insights from Case Studies.**” Trade and Markets Division, Food and Agricultural Organization of the United Nations. Rome, Italy. <http://www.fao.org/docrep/014/i1952e/i1952e00.htm>
- Maitima J., Rakotoarisoa M.A., Kangethe E. (2010). “**Horn of Africa: Responding to Changing Markets in the Context of Increased Competition for Resources.**” In *Livestock in a Changing Landscape: Experiences and Regional Perspectives*. Vol. 2 Ch.2 pp. 4-27. Ed. Gerber, Mooney, Dijkman, Tarawali and de Haan. Scientific Committee Problems of the Environment. Island Press. Washington DC.
- Rakotoarisoa M.A. (2005). “**Impacts of Distorting Trade Policies on Rice Productivity**” in *Rice is Life: Scientific Perspectives for the 21 st Century* Eds. K. Toriyama, K.L. Heong and W. Hardy. International Rice Research Institute: Manila.
- Rakotoarisoa M.A. (2001). “**The Role of Human Capital and Market Structure in the Export of Processed Goods from Developing Countries**”. Doctoral Dissertation. Social Science, Applied (Ag.) Economics. Oklahoma State University, Stillwater, USA. (Ref: Proquest ABI no. 3040890)
- Rakotoarisoa M.A., Randriambolanoro L., Rakotoniaina V. (1996). “**Etudes Socio-Economiques Approfondies du Secteur Maraîcher Péri-Urbain à Madagascar**” Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD), Centre National pour la Recherche Agricole et du Développement Rural (FOFIFA). Antananarivo, Madagascar.
- Rakotoarisoa, M.A. Moustier P., Leplaideur A. (1994). “**Diagnostic du Maraîchage à Madagascar**”, Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD) Montpellier, France; Centre National pour la Recherche Agricole et du Développement Rural (FOFIFA), Antananarivo, Madagascar.

- Rakotoarisoa M.A., Jacques S., Rakotoniaina V. (1993). “**Pour Un Appui au Secteur Maraîcher de Madagascar: Etudes Exploratoires du Secteur Maraîcher à Madagascar**”. Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD), Center National pour la Recherche Agricole et du Développement Rural (FOFIFA) Rapport Scientifique no. 5. Montpellier, France.
- Rakotoarisoa, M.A. (1989). “**Fromageries Industrielles et Artisanales à Madagascar: Procédés Industriels de Fabrication et Analyses Physico-Chimiques et Organoléptique des Produits.**” Mémoire de Fin d’Etudes en Ingénierie Industrielle. ESSA, Université d’Antananarivo, Madagascar.
- Rakotoarisoa M. A. (1987). “**Téchniques et Procédés Industriels d’Installation et de Fonctionnement des Usines de Traitement des Eaux: Essais d’Optimisation du Systeme Traitement-Distribution des Eaux Potables de la JIRAMA.**” Rapport Technique. Département des Industries Agricoles et Alimentaire, ESSA, Université d’Antananarivo, Madagascar.

SELECTED CONFERENCE PAPERS

- Rakotoarisoa M.A. (2018). “**Assessing Agricultural Policy for Targeted Reforms in Sub-Saharan Africa**”. *Selected paper for the 30th International Conference of International Association of Agricultural Economists*, August 2018, Vancouver, Canada.
- Rakotoarisoa M.A. (2017). “**Assessing Government Policy for Targeted Reforms: The Case of African Agriculture**” *Selected paper for 12th African Economic Conference, African Development Bank and UN Economic Commission for Africa*. Addis-Ababa, Ethiopia.
- Rakotoarisoa M.A. (2017). “**Fixed Costs, Market Power and Revenue Share of the Firms**” *Theoretical Analysis and Trade Application*” *Selected paper for the 21th Annual Western Hemispheric Trade Conference, Texas A&M International University*, April 4-7, 2017, Laredo, Texas.
- Rakotoarisoa, M.A. (2016). “**Services Trade Liberalization: The Case of ACP-EU Preferential Trade Agreement**”; *Presented at the 19th Annual Conference on Global Economic Analysis*, The World Bank, 15-17 June 2016, Washington DC.
<https://www.gtap.agecon.purdue.edu/resources/download/8344.pdf>
- Rakotoarisoa M.A. (2016). “**The Welfare Implications of Monopolistic Competition: Theoretical Analysis and Trade Application**” *Selected paper for the 20th Annual Western Hemispheric Trade Conference, Texas A&M International University*, April 13-15, 2016, Laredo, Texas.
- Rakotoarisoa, M.A, Fang, C . (2015). “**Rethinking the Sub-Saharan Africa and China Trade: Some Policy Considerations and Technology Implications**, *Selected paper for the 29th International Conference of International Association of Agricultural Economists*, August 2015, Milan, Italy.
- Rakotoarisoa M.A., Shapouri S, and Trueblood M. (2014). “**The Impacts of Human Capital Accumulation and Allocation on Manufacturing Value-Added in Selected African Countries.**” *Selected paper for 9th African Economic Conference, African Development Bank and UN Economic Commission for Africa*. Addis-Ababa, Ethiopia
- Rakotoarisoa, M.A, Narayanan G.B., Khorana S. (2014). “**Can Elimination of Reciprocal Tariffs Reduce Welfare Losses from Lagging Productivity?**; The Case of Preferential Trade Access between Sub-Saharan Africa and the Industrialized Countries.” *Presented at the 17th Annual Conference on Global Economic Analysis*, 18-20 June 2014, Dakar, Senegal.
- Rakotoarisoa M.A. (2014) “**Trade with Endogenous Market Power under Asymmetric and Incomplete Information**” *Selected Paper for the 14th Annual Missouri Economic Conference*. Federal Reserve Bank of St Louis, Federal Reserve Bank of Kansas City and Department of Economics University of Missouri-Columbia, March 21-22, Columbia Missouri.
- Rakotoarisoa M.A. (2013). “**Effects of a Mix of Policies on Mix of Agricultural Products: Application to the Agricultural Sector in Sub-Saharan Africa.**” *Presented at the 16th Annual Conference on Global Economic Analysis*, 12-14 June 2013, Shanghai, China.
<https://www.gtap.agecon.purdue.edu/resources/download/6486.pdf>
- Rakotoarisoa M.A. (2013) “**Capital Intensity and Search Cost Under Monopsony and Incomplete Information: A Mechanism Design Approach**”. *Selected Paper for the 13th Annual Missouri*

Economic Conference. Federal Reserve Bank of St Louis and Department of Economics University of Missouri-Columbia, March 22-23 Columbia Missouri.

- Rakotoarisoa M.A., (2011). “**A Contribution to the Analysis of the Impacts of Foreign Agricultural Investment on Food Sector and Trade in Sub-Saharan Africa.**” *Selected Paper presented at the 14th Annual Conference on Global Economic Analysis* June 16-18, 2011, Ca’Foscari University of Venice, Italy,
- Rakotoarisoa M.A. (2010). “**Strategic Trade Policy under Monopsony and Uncertainties: The Exporter’s Non-Linear Response Based on Its Industry’s Structure.**” *Selected Paper presented at the 10th Annual Economic Conference of the Federal Reserve Bank of St Louis*, March 24-27, 2010, Columbia, Missouri USA.
- Rakotoarisoa M.A. (2009). “**Explaining the Duration between Changes in Countries Investment Risk Ratings Using a Competing Risk Model with Random-Effects.**” *Selected Paper presented at the 9th Annual Economic Conference of the Federal Reserve Bank of St Louis*, Columbia Missouri, USA.
- Makki, S. Somwaru A. Rakotoarisoa M.A (2006). "**Impact of Foreign Direct Investment and Trade on Economic Growth**" *Selected Paper 9th Annual Conference on Global Economic Analysis*, Addis Ababa, Ethiopia. <https://www.gtap.agecon.purdue.edu/resources/download/2595.pdf>
- Rakotoarisoa M.A., (2005). “**Policy Distortions in the Segmented Rice Market.**” *IFPRI Seminar* March 2005. Washington DC.
- Rakotoarisoa M.A., Henneberry S., Shapouri S, and Trueblood M. (2007). “**The Impacts of Human Capital Allocation on Manufacturing Value-Added in Selected African Countries.**” *Selected Paper for the Center for The Study of African Economies Conference*, Oxford, U.K. March 2004.
- Rakotoarisoa M.A. (2004). “**Impacts of Distorting Trade Policies on Rice Productivity**” *Selected Paper presented at the International Rice Conference “Rice is Life”*, September 2004, Tsukuba, Japan.
- Rakotoarisoa M.A. (2003). “**Searching for the Causes of the Collapse of the Silk Industry in Korea.**” *Paper presented at Annual Workshop of the School of Ag. Economics and Rural Development of Seoul National University*, July, 2003, Seoul, South Korea.
- Rakotoarisoa M.A., Henneberry S. Shapouri S. and Trueblood M. (2003). “**The Export Market for Differentiated Processed Agricultural Products: The Role of Factor Prices and Fixed Costs.**” *Selected Paper for the American Agricultural Economics Association Annual Meeting*, July 2003 Montreal, Canada. <http://ageconsearch.umn.edu/handle/21964>
- Rakotoarisoa M.A., Shapouri S. (2003). “**Bilateral Exchange Rate Volatility and Imports from Developing Countries to the European Union.**” *Selected Paper for the International Agricultural Trade Consortium Conference*, Capri, Italy, June 2003.
- Rakotoarisoa M.A., Shapouri S. (2000). “**Market Power and Pricing of Commodities Imported from Developing Countries.**” *Runner-up for Best Paper Contribution for the International Association of Agricultural Economists meeting*, August 2000, Berlin, Germany.