



# AGRODEP

A program in support of CAADP implementation

African Growth & Development Policy  
modeling consortium

FACILITATED BY IFPRI

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## NEWS

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### E-learning course on Partial Equilibrium Models from the Food Security Portal

An e-learning course on Partial Equilibrium Models is now available to AGRODEP network members from the [Food Security Portal's e-learning platform](#). The course provides an introduction to partial equilibrium (PE) modeling, its principles, and the challenges involved in GAMS programs. It is composed of four units beginning with a simple six-equation model focusing on a national market with imports in a small country. This is followed by more complex models that include large countries, substitute or complementary goods in consumption, value chains, and global markets. Students will receive a certificate of completion upon passing a final exam. Also forthcoming in this series instructed by Prof. Antoine Bouet are courses in introductory general equilibrium models and advance general equilibrium models. The first course will provide the basic principles and a simple example of a general equilibrium model and second course will provide more advanced examples that take into account public administration, household savings, and investment by firms.

### Effects of Policy Measures on Nutritious Foods in Ethiopia, Kenya, and Rwanda

Three AGRODEP members were involved in the analysis of the price and welfare effects of policy measures on nutritious foods that are not readily affordable to most households. In separate studies for Ethiopia, Kenya, and Rwanda, Lulit Mitik Beyene, Miriam Omolo, and Naomi Mathenge, respectively, worked with Fousseini Traore of IFPRI in conducting policy simulations using computable general equilibrium models and national social accounting matrices to look at the impacts of increasing total factor productivity and of reducing trade and transport margins on household consumption of animal source foods (eggs, milk, chicken, and red meat) in each country. Additional scenarios that were specific to each country were explored in looking at the price and welfare effects on each country's rural and urban households. The results and policy recommendations from these studies will be released by IFPRI in collaboration with the Global Alliance for Improved Nutrition (GAIN).

*The AGRODEP Management Team wishes all the AGRODEP network members a happy holiday season and a healthy and peaceful new year! We look forward to continued research collaboration in 2022.*

## FEATURED NETWORK MEMBERS



[Dr. Lulit Mitik Beyene](#) is a citizen of Ethiopia and has been an AGRODEP member since 2010. Lulit is a Consultant on economywide impact analysis at the World Bank. She is Co-founder and Managing Director of the Institute for Economic and Social Development Research Services, Ethiopia. She holds a B.A. in Economics, an M.A. in Macrodynamics and International Finance, and a Ph.D. in Economics from Université de Nice - Sophia Antipolis. Her research interests include CGE modeling, agriculture, trade, poverty analysis, and gender.



[Dr. Naomi Muthoni Mathenge](#) is a citizen of Kenya and has been an AGRODEP member since 2011. Naomi is the Acting Director of Research and Knowledge Management for the Commission on Revenue Allocation, Nairobi. She was previously a Policy Analyst at the Kenya Institute for Public Policy Research and Analysis. Before joining KIPPRA, Naomi worked for Kenya's Ministry of Health. She holds a B.A. degree in Economics from Moi University, an M.A. in Economics from the University of Malawi, and a Ph.D. in Economics from the University of Cape Town. Her research interests include gender, poverty, inequality, growth, and macroeconomics.



[Dr. Miriam Omolo](#) is a citizen of Kenya and has been an AGRODEP member since 2010. Miriam is the Executive Director at the African Policy Research Institute in Nairobi. She was previously a Trade Program Officer at the Institute of Economic Affairs. She holds a B.A. degree in Economics from Kenyatta University, an M.A. in Economics from University of Nairobi, and a Ph.D. from the University of South Africa, Pretoria. Her research interests include trade liberalization, poverty, social policy and CGE modeling.

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