AGRODEP

African Growth & Development Policy
modeling consortium

A program in support of CAADP implementation

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NEWS

AGRODEP Announces New Technical Note Series

AGRODEP has launched a new series of technical notes. These non-peer reviewed notes, addressing the methodology, functioning, and use cases of a wide range of models, are designed to provide AGRODEP members with state-of-the-art tools. Members will be able to use the information found in these notes to address their own technical issues in their use of models and data, leading to a clearer understanding of the latest models and higher quality research. The series supports AGRODEP's goals of positioning African researchers to take a leading role in the study of key development challenges facing the region and the broader agricultural and development debate.

DEVELOPMENTS

SC/SAB Meeting and Members' Workshop Held

AGRODEP held its annual meeting of the Steering Committee (SC) and Scientific Advisory Board (SAB) on November 12, 2012 in Dakar, Senegal. The meeting's agenda included an overview of 2012 activities and presentations on the progress of AGRODEP's data, modeling, and network components. Each presentation set out goals for

To date, the series includes five notes:

- [TN 01: A Comparison Between the PEP 1-1 Model and the IFPRI Standard Model](#) by Fousseini Traore
- [TN 02: Functional Forms Commonly Used in CGE Models](#) by Fabienne Femenia
- [TN 03: Documentation of the Export Restrictions and Import Tariffs Overall Impacts (ERATO) PE Model](#) by Carmen Estrades, Yuan Gao, and David Laborde
- [TN 04: The Gravity Model in International Trade](#) by Luca Salvatici
- [TN 05: Hands-on Gravity Estimation with Stata](#) by Maria Cipollina and Luca Salvatici

Export Restrictions and Import Tariffs Overall Effects (ERATO) Model

The [ERATO model](#) is different from other single-commodity partial equilibrium models in that it illustrates how a multi-market model can analyze trade policy options in the context of a multi-product value chain. The ERATO model falls under the Multi-Sectoral Partial Equilibrium (MUSE) Models developed specifically for AGRODEP.

Here is an illustration of how the model works: Researchers can examine the impacts of trade restrictions (on both exports and imports) imposed at three stages along the oilseed value chain, considering 10 major producing, exporting, and importing countries and a rest-of-the-world aggregate. While this example focuses on the oilseed value chain, it can easily be adapted to other important value chains such as cotton. Likewise, the model's regional coverage can easily be modified in GAMS. Data input is simplified through the use of an Excel spreadsheet.

the coming year. SAB and SC members also attended a guest speaker presentation by AGRODEP member [Joy M. Kiiru](#). Afternoon sessions were devoted to separate discussions of the SAB and SC, with the SAB focusing on thematic research priorities and the SC focusing on strategic advice regarding the functioning of the AGRODEP initiative.

The annual AGRODEP [Members' Workshop](#) was also held on November 13 in Dakar. The workshop was attended by 13 AGRODEP members, three Network Advisory Committee (NAC) members, five SAB members, six SC members, and five members of the AGRODEP Team. Eleven AGRODEP members presented and received feedback on their research during the workshop. Ismael Fofana provided an overview of AGRODEP's achievements, while Antoine Bouet presented an overview of AGRODEP in the coming year.

For more information and documentation on this model, see Technical Note [03: Documentation of the Export Restrictions and Import Tariffs Overall Impacts (ERATO) PE Model](#) by Carmen Estrades, Yuan Gao, and David Laborde.

FEATURED MEMBERS

Olayinka Idowu Kareem is a citizen of Nigeria. He has been an AGRODEP member since October, 2010. At present, Olayinka is a Global South Scholar at the Graduate Institute of International and Development Studies. In this position, Olayinka conducts

Margaret Mabugu is a citizen of Zimbabwe. She has been an AGRODEP member since October, 2010. At present, Margaret is the Executive Director for the Human Sciences Research Council (HSRC). In this position, Margaret manages the unit Economic

Festo Ezekiel Maro is a citizen of Tanzania. He has been an AGRODEP member since October 2010. At present, Festo is working with the Economic and Social Research Foundation (ESRF), Dar Es Salaam, Tanzania. He has also worked on consultancies project for

research on non - tariff measures and their effects on exports of relevance to Africa. Before joining Graduate Institute of International and Development Studies, Olayinka worked for The World Bank as a Consultant. He holds a B.A. in Economics from Obafemi Awolowo University, Ile-Ife, Nigeria, an M.A. in Economics from the University of Ibadan, Nigeria, and a Ph.D. in Economics from the University of Ibadan, Nigeria. He is specialized in Applied Econometrics. His research interests include international trade, trade policy, regional integration and development.

Performance and Development, and manages the finances of the unit. Before joining Human Sciences Research Council (HSRC), Margaret worked for the University of Pretoria. She holds a B.A. in Economics from the University of Zimbabwe, an M.A. in Economics from the University of Zimbabwe, and a Ph.D. in Economics from the University of Gothenburg. She is specialized in Economic Modeling. Her research interests include macro-micro dynamics of structural change; spatial development and migration; sustainable development, and labor market dynamics.

the government of Tanzania and Donors organizations. He holds an M.Sc. in Agricultural Economics from Sokoine University of Agriculture, Tanzania and Post Graduate Diploma in Poverty Analysis from ISS-Rotterdam University in collaboration with ESRF and REPOA. His areas of interests include agricultural marketing, trade and value chain analysis; public expenditure analysis and poverty analysis. He has published reports on Agricultural and growth, agricultural trade barriers and poverty analysis.