1. **GTAP Model and Data Base Usage**

USDA’s Economic Research Service (ERS) uses resources from GTAP for both data and modeling purposes. The data support two computable general equilibrium (CGE) models used at ERS: MTED-GTAP is used for analysis of trade policy in the Market and Trade Economics Division; the Future Agricultural Resources Model (FARM) is used for long-term scenario analysis in the Resource and Rural Economics Division.

The MTED-GTAP model is based on the GTAP model in GEMPACK. The FARM model is based on GTAPinGAMS software published by Tom Rutherford. Both models have been extended in many ways depending on questions that were addressed.

2. **Publications**


3. Presentations


4. Special Reports

5. Projects

Agricultural Model Intercomparison and Improvement Project (AgMIP): Multi-Breadbasket Failures and Shocks to Food Systems. Columbia University provides expertise in crop process models; IFPRI will simulate food shocks using the IMPACT model; ERS will simulate food shocks in the FARM model.

6. Other Activities