

U.S. Department of Energy

2009 GTAP Advisory Board Report

GTAP-related activities within the U.S. DOE include:

Office of Energy Efficiency and Renewable Energy, Office of Biomass Programs (OBP)

OBP has been working with the Department of Agricultural Economics at Purdue University to develop biofuels land use change modeling using the GTAP data base and analytical framework. The GTAP-E-biofuels version of GTAP was used to produce changes in global land use, crop production, and other parameters in response to different technical and policy shocks of U.S. biofuel production

Office of Policy and International Affairs, Office of Climate Change Policy and Technology and Office of Economic Analysis

In October 2008, the two offices participated in a meeting at the World Bank to discuss energy data issues in GTAP with Robert McDougall. We also hosted a seminar at the DOE for Mr. McDougall to introduce GTAP to the DOE community, including the Energy Information Administration (EIA). The exchange also helped Mr. McDougall locate EIA energy data for the GTAP data base.

These two offices are new to GTAP and preparing to use GTAP. Christie Ulman will be participating in the Short Course in August 2009. Dr. Peter Whitman and Dr. Yanna Antypas participated in a general equilibrium modeling (GAMS) course in March 2009.