

ERS Contributions to GTAP: Activity Report for 2016

A. Presentations Using GTAP

J. Beckman. July 2016. “China and India Biofuel Policy, Food versus Fuel?” Paper presented at the 24th Annual GTAP Meeting, Washington DC.

R.D. Sands. December 2016. “Climate and Biomass Impacts on Global Land Use,” Invited presentation at the 22nd Asia-Pacific Integrated Model International Workshop, Tsukuba, Japan.

B. Peer-Reviewed Journal Articles

Beckman, J., and S. Arita. 2016. “Modeling the Interplay between Sanitary and Phytosanitary Measures and Tariff-rate Quotas under Partial Trade Liberalization.” *American Journal of Agricultural Economics* (forthcoming).

R. Prestele, P. Alexander, M. Rounsevell, A. Arneth, K. Calvin, J. Doelman, D. Eitelberg, K. Engström, S. Fujimori, T. Hasegawa, P. Havlik, F. Humpenöder, A. Jain, T. Krisztin, P. Kyle, P. Meiyappan, A. Popp, R. Sands, R. Schaldach, J. Schüngel, E. Stehfest, A. Tabeau, H. van Meijl, J. van Vliet, and P. Verburg. 2016. “Hotspots of uncertainty in land use and land cover change projections: a global scale model comparison,” *Global Change Biology* 22(12): 3967-3983.

C. Book Chapter

R.D. Sands and S.A. Suttles. 2016. “Climate Economics, Bioenergy, and Land Use in a General Equilibrium Framework,” in the *WSPC Reference on Natural Resources and Environmental Policy in the Era of Global Change* (Volume 3 on CGE Models), World Scientific Publishing, pp. 303-331.

D. ERS Reports

Arita, S., Beckman, J., and L. Mitchell. 2016. *Sanitary and Phytosanitary Measures and Technical Barriers to Trade: How Much Do They Impact U.S.-EU Agricultural Trade?* Amber Waves.

E. Government Briefings

Provided briefings on the potential impacts of the Transatlantic Trade and Investment Partnership (TTIP) to USITC, Foreign Agricultural Service (FAS), and the EC Directorate-General for Trade.

Provided briefings on the modeling of *The Global Landscape of Agricultural Trade* project to FAS and the USDA Office of Chief Economist.