MIT Joint Program on the Science and Policy of Global Change
Massachusetts Institute of Technology, Cambridge, USA

http://globalchange.mit.edu

GTAP-related activities, 2011

The MIT Joint Program on the Science and Policy of Global Change made extensive use of the GTAP data set for research and analysis conducted in the program over the past year (see the following publication list). GTAP data serves as the principal economic data for the Program's Emissions Prediction and Policy Analysis (EPPA) Model, a global CGE model of the world economy with details on the energy sector and on emissions of greenhouse gases and other air pollutants. The EPPA model was used for variety of applications.

2011 AND 2012 PUBLICATIONS USING GTAP (AS OF MAY 2012)

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Winchester, N., C. Wollersheim, R. Clewlow, N. Jost, S. Paltsev, J. Reilly, I. Waitz, 2012, "The Impact of Climate Policy on U.S. Aviation," *Journal of Transport Economics and Policy*, (in press).

Reilly, J., J. Melillo, Y. Cai, D. Kicklighter, A. Gurgel, S. Paltsev, T. Cronin, A. Sokolov, and A. Schlosser, 2012, "Using Land to Mitigate Climate Change: Hitting the Target, Recognizing the Tradeoffs," *Environmental Science and Technology*, 46(11), 5672-5679.

Webster, M., A. Sokolov, J. Reilly, C. Forest, S. Paltsev, A. Schlosser, C. Wang, D. Kicklighter, M. Sarofim, J. Melillo, R. Prinn, and H. Jacoby, 2012, "Analysis of Climate Policy Targets under Uncertainty," *Climatic Change*, 112(3-4), 569-583.

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Gavard, C., N. Winchester, H. Jacoby, and S. Paltsev, 2011, "What to Expect from Sectoral Trading: a U.S.-China Example," *Climate Change Economics*, 2(1), 9-26.

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