

**Economic and Social Research Institute, Cabinet Office, Japan**  
**Report on GTAP Related Activities in 2011-2012 for**  
**The Advisory Board Meeting, Center for Global Trade Analysis**  
June, 2012

*The Cabinet Office assists with the overall strategic functions of the Cabinet Secretariat, and carries out planning and overall coordination regarding key Cabinet policies. As such, the Cabinet Office is in charge of economic and fiscal policy. The Economic and Social Research Institute of the Cabinet Office joined the GTAP in April 1996, occasionally utilizes the GTAP model to evaluate quantitatively the effects of economic and fiscal policies.*

**Research Activities in ESRI**

The accident of the nuclear power plants occurred due to the Great East Japan Earthquake and its Tsunami in Fukushima last year. As Japan may face a shortage of electronic power, Japan has to choose the most adequate future energy scenario striking a good balance between lower dependence on nuclear power and less emission of carbon dioxide. For that purpose, ESRI is now engaged in constructing suite of dynamic environment CGE models utilizing GTAP database.

**Research Projects in ESRI**

Tsutsumi, Masahiko, “An Estimate of Effect of Constrained Electric Power Supply by CGE model,” Research Bureau Discussion Paper, Cabinet Office, No.12-02. (in Japanese) <http://www5.cao.go.jp/keizai3/discussion-paper/dp122.pdf>

Takeda, Shiro, et al. “An Analysis of Border Adjustments under the Cap-and-Trade System: A Dynamic CGE Simulation,” ESRI Discussion Paper Series, Forthcoming. (in Japanese)