

### **A three-year postdoc position**

Rutgers University seeks a postdoc to work on a new project on the climatic and human impacts of nuclear war, with Prof. Gal Hochman, Department of Agriculture, Food, and Resource Economics, in collaboration with Prof. Alan Robock, Department of Environmental Sciences. A nuclear war has the potential to adversely affect population and economic growth, through destruction and changes of temperature, precipitation, and sunlight. Such changes would significantly impact agriculture, resulting in long-term ramifications to nutritional intake and immigration flows. We will use coupled climate, biophysical, economic, and nutrition models to quantify the impacts of various nuclear war scenarios on agricultural systems and investigate the food-mediated implications for the distribution of wealth and nutrition.

The student will work closely with Prof. Hochman to develop a Computational General Equilibrium (CGE) model using Global Trade Analysis Project data, building on climate and agricultural models developed by other people working on this project. The CGE model will then be extended to investigate the effect of climate change from nuclear war on nutritional intake and immigration flows. The funding opportunity is for three years, and the plan is to have the model running within a year, and the analysis completed by the end of the third year.

Requirements: Excellent programming abilities, interest in the topic, and excellent communication skills in English. Strong background in economics would be a benefit, but not a requirement. For consideration, please send a curriculum vitae, a personal statement (1-2 pages) describing your previous research experience and future research interests, job market paper, and contact information of 3 referees to Prof. Hochman ([gal.hochman@rutgers.edu](mailto:gal.hochman@rutgers.edu)). Review of applications will start immediately and continue until the position is filled.