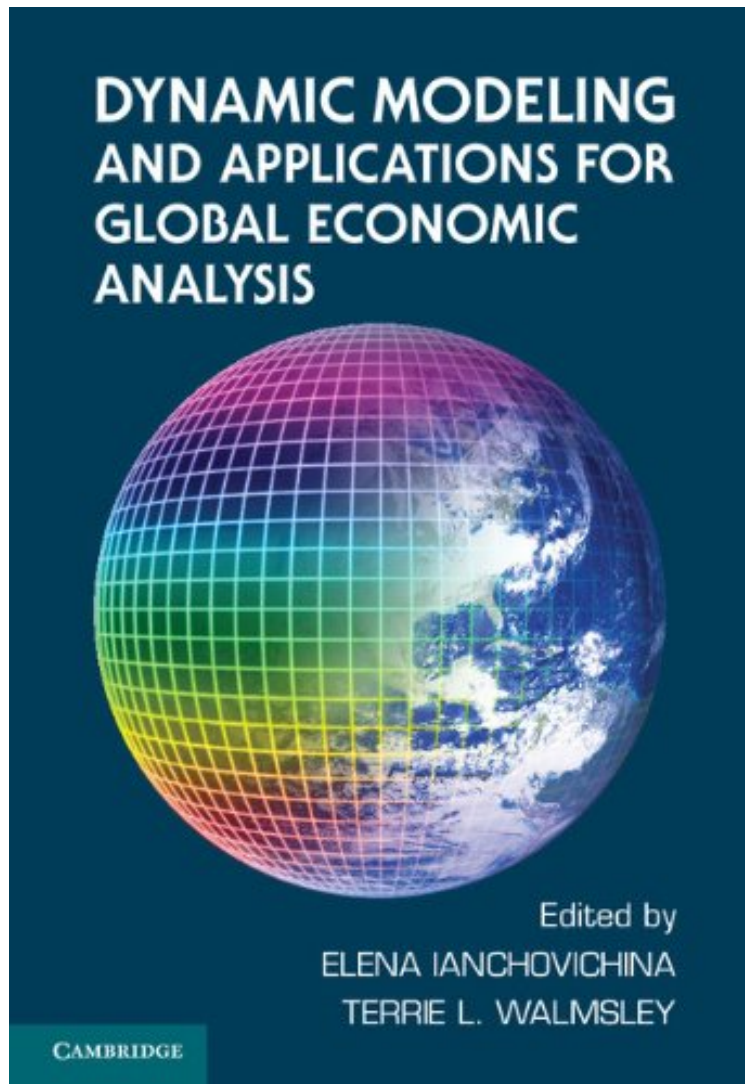


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Dynamic Modeling and Applications for Global Economic Analysis

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From Cambridge University Press : Dynamic Modeling and Applications for Global Economic Analysis before purchasing it in order to gauge whether or not it would be worth my time, and all praised Dynamic Modeling and Applications for Global Economic Analysis:

A sequel to *Global Trade Analysis: Modeling and Applications* (Cambridge University Press, 1996, edited by Thomas W. Hertel), this new volume presents the technical aspects of the Global Trade Analysis Program's global dynamic framework (GDyn) and its applications within important global policy issues. The book covers a diverse set of topics including trade reform, growth, investment, technology, demographic change and the environment. Environmental

issues are particularly well-suited for analysis with GDyn, and this volume covers its uses with climate change, resource use and technological progress in agriculture. Other applications presented in the book focus on integration issues such as rules governing foreign investment, e-commerce regulations, trade in services, harmonization of technical standards, sanitary and photo-sanitary regulations, streamlining of customs procedures, and demographic change and migration.

'Not only modelers but also members of the economic and environmental policy communities have been waiting eagerly for this volume. Most major market and policy shocks involve impacts that are spread over several years and more than one political cycle, and the extent and speed of adjustment is of as much interest as the final outcome. The diverse range of important applications in this volume illustrates how useful this modeling tool is and will be for years to come.' Kym Anderson, University of Adelaide

'This book will make the dynamic GTAP model GDyn accessible in the same way that the 1997 Global Trade Analysis book did for the comparative-static GTAP model. Applications in the book address topics that require a dynamic model - including China's WTO accession, land-use change resulting from global economic integration, and the consequences of global demographic change for labor force growth and economic performance. Other policy modelers will be able to learn from these cases how to do their own analyses of similar topics.' Ken Pearson, Monash University

'Making computable general equilibrium models dynamic like the world they represent has long been a priority for modelers. This book lays out the GTAP team's approach with admirable clarity and detail and with a number of excellent examples. It will help many users tackle dynamic problems and so contribute greatly to the world of international policy analysis.' L. Alan Winters, University of Sussex

About the Author Elena Ianchovichina is Lead Economist for the Middle East and North Africa Region of the World Bank. Since joining the Bank in 2000, she has served in the Bank's Research Department, East Asia and Pacific Region and managed the Economic Policy and Debt Department's program on inclusive growth. Her work has focused on country-specific analyses of economic growth, emerging Asia, and fiscal and trade reform. Dr Ianchovichina has published more than twenty articles in a variety of journals including the Canadian Journal of Economics, Contemporary Economic Policy, the Journal of International Economics, the World Bank Economic and Ecological Economics. She received Purdue University's 2008 Apex award for outstanding contribution to quantitative trade analysis.

Terrie L. Walmsley is an Associate Professor at Purdue University and a Principal Fellow, Associate Professor at the University of Melbourne, Australia. Dr Walmsley is also the Director of the Center for Global Trade Analysis, the Purdue home of the Global Trade Analysis Project, a global network of 8,500 researchers from 150 countries (www.gtap.org). Dr Walmsley leads the construction of the GTAP Data Base, a global database used worldwide for examining the impact of international trade and environmental policies. Dr Walmsley's research has focused on international trade in goods and services and the movement of capital and labor across national boundaries, which has been used extensively by the World Bank.