

Peer Review Plan

Preliminary Title: Scenarios of Global Diets: Implications for Agriculture
Type of Report (ERR, EIB, EB) ERR
 Influential Scientific Information
Agency: Economic Research Service Highly Influential Scientific Assessment
USDA
Agency Contact: Kelly Maguire, kelly.b.maguire@usda.gov
Subject of Review: Scenarios are simulated in the Future Agricultural Resources Model (FARM), a global computable-general-equilibrium model developed and maintained at the U.S. Department of Agriculture's Economic Research Service (ERS). The United States is one of 13 world regions simulated in 5-year steps starting in 2011. Data requirements include a world economic data base from the Global Trade Analysis Project at Purdue University; energy balances from the International Energy Agency; land use, agricultural production, and food balance sheets from the Food and Agriculture Organization of the United Nations; and data from the International Comparison Program, an international statistical initiative guided by the World Bank. We capture several important drivers of agriculture in this study, but there are two that we do not consider: climate change impacts on agriculture, and large-scale demand for biomass as part of a climate change mitigation strategy.
Purpose of Review: The purpose of the review is to ensure the high-quality of the economic analysis, transparent explanation of methods, objective interpretation of results, and effective communication to the intended audience.
Type of Review: Panel Review Individual Reviewers
 Alternative Process (Briefly Explain):
Timing of Review (Est.): Start: 9/21/2021 Completed: 11/8/2022
Number of Reviewers: 3 or fewer 4 to 10 More than 10
Primary Disciplines/Types of Expertise Needed for Review: Economists
Reviewers selected by: Agency Designated Outside Organization
Opportunities for Public Comment? Yes No
If yes, briefly state how and when these opportunities will be provided:
How:
When:
Peer Reviewers Provided with Public Comments? Yes No
Public Nominations Requested for Review Panel? Yes No