

Peer Review Plan

Preliminary Title: Drivers of Global Land Use Change

Type of Report
(ERR, EIB, EB) ERR

Agency: Economic Research Service Influential Scientific Information
USDA Highly Influential Scientific Assessment

Agency Contact: Daniel Pick, dpick@ers.usda.gov

Subject of Review: Allocation of land for agriculture and forestry plays a central role in societal challenges such as food security and climate change. Understanding the fundamental drivers of global land use is necessary to develop a model of future global land use, whether it is a conceptual model or a formal computational model. Several drivers put increasing pressure on agricultural and forest land to provide food and wood products, including population growth, food consumption per person, and policies that increase the use of biofuels. This report first describes the primary drivers of global land use and then uses the Future Agricultural Resources Model (FARM) to simulate how the farm sector would respond to these drivers in the future, with 13 world regions and a 50-year time horizon.

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: 02/10/12 End: 09/10/13 Completed: 09/10/13

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
Organization's Name:

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

