

Peer Review Plan

Preliminary Title: Climate Impacts, Socioeconomic Assumptions, and the ERS Food Security Model

Type of Report
(ERR, EIB, EB,
TB, SOR,)

EIB

Influential Scientific Information

Agency: Economic Research Service [] Highly Influential Scientific Assessment
USDA

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Subject of Review: Over the past several years, significant research has been undertaken to understand the impacts of climate change and food security. However, studies use the term “food security” quite differently depending upon the context and objectives of the research. Some studies focus on agricultural production, some focus on nutrition, and some focus on coping mechanisms or strategies that households use to improve their overall food security. A generally accepted definition of food security is “when all people at all times have access to sufficient, safe, nutritious food to maintain a healthy and active lifestyle” (FAO 1996). Studying the effects of climate change on food security requires an assortment of tools and metrics to evaluate its impact on the four components (availability, access, utilization, and stability). This report analyzes those metrics and then incorporates climatic impacts into the ERS International Food Security model.

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 [X] Individual Reviewers

[] Alternative Process (Briefly Explain):

Timing of Review (Est.): Start: 01/23/15 End: 05/21/15 Completed: 05/21/15

Number of Reviewers: [] 3 or fewer [X] 4 to 10 [] More than 10

Primary Disciplines/Types of Expertise Needed for Review: Economists

Reviewers selected by: [X] Agency [] Designated Outside Organization

Organization's Name:

Opportunities for Public Comment? [] Yes [X] No

If yes, briefly state how and when these opportunities will be provided:

How:

When:

Peer Reviewers Provided with Public Comments? [] Yes [X] No

Public Nominations Requested for Review Panel? [] Yes [X] No

