ERS Peer Review Plan

Preliminary Title: Linking material and resource flows to economic sectors in the United States

Type of Report   TB
(ERR, EIB, EB)

                                              [X]   Influential Scientific Information

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

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Subject of Review: The production of goods and services throughout an economy requires the use of materials and resources and interactions with other economic sectors. Linking natural resources to economic activity is difficult because of the varying dimensions in the different datasets, such as geography, activity scale, or time. This work builds upon previous research at ERS that either focused on several resources in one time period or one resource over several time periods. In this technical bulletin, we document how we build out a resources module and present a flexible accounting structure to measure resource use throughout the economy. We focus on both natural (energy, freshwater) and human resources (labor), but the coverage could be expanded to other materials and resources following a similar methodology. These data are informative on their own, but also provide opportunities for macroeconomic modeling.

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: 9/04/2024   Completed: 1/14/2025

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

Primary Disciplines/Types of Expertise Needed for Review: Economists

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

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