

Peer Review Plan

Preliminary Title: Interactions between land use, land cover, and pollinator health: A review

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

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

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Subject of Review: Pollinators promote healthy food systems and healthy ecosystems. However, pollinators face a number of stressors, and concern about their wellbeing is growing as their numbers decline. Improving pollinator nutrition by changing land uses and planting better pollinator forage may offer a way to alleviate some of the synergistic stress impacts. This report develops a simple model to examine the contention that the landscape of the United States as a whole is becoming inimical to honey bee health. Using 30 years of Natural Resources Inventory (NRI) data on land uses, a forage suitability index is computed that varies over time and space. The report also discusses potentially better models of land use impacts on pollinators and the economics of providing better pollinator forage.

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Timing of Review (Est.): Start: 03/1/16 End: 07/11/16 Withdrawn: XX/XX/16

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

