

Peer Review Plan

Preliminary Title: Water Conservation in Irrigated Agriculture: Trends and Challenges in the Face of Emerging Demands

Type of Report (ERR, EIB, EB)

EIB

Influential Scientific Information

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

Agency Contact: Elise Golan, egolan@ers.usda.gov

Subject of Review: Agriculture accounts for 80-90 percent of the consumptive water use in the U.S. Irrigated agriculture makes a significant contribution to the value of U.S. agricultural production, accounting for 55 percent of the market value of all agricultural crops produced in 2007. Nearly three-quarters of U.S. irrigated agriculture occurs in the 17 western States. However, growing competing water demands for population and economic growth, Native American water-right claims, environmental flows, and energy sector growth, present a set of challenges for agricultural water conservation. This report examines the challenge for agricultural water conservation in terms of the "state-of-affairs" in the demand for water resources in the U.S., how conserving (efficient) irrigated agriculture is as of 2008, and the status of private and public investments in irrigated agriculture.

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: 12/13/10 End: 03/23/11 Completed: 06/23/11

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

