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## **THE RELATIONSHIP BETWEEN CHINA’S RURAL REVITALIZATION STRATEGY AND FOOD SUPPLY SERVICES: A CASE STUDY OF MIZHI COUNTY**

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### **Abstract**

To promote the implementation of China’s rural revitalization strategy and ensure the sustainable supply of services, it is necessary to understand the relationship between the strategy and key ecosystem services such as food supply. Taking Mizhi County as an example, this study uses the coarsened exact matching and differences in differences models to analyze the impact of China’s rural revitalization strategy on food supply. The main findings are as follows: (1) The objectives of the rural revitalization strategy and ecosystem services are closely related. (2) On the village scale, the strategy has affected the food supply structure and output and has changed the trade-offs and synergy between different types of food supply. (3) On the farmer scale, the food change characteristics are consistent with village characteristics; however, the output and income of farmers in villages in which the strategy has been implemented are higher than those in ordinary villages. (4) The mechanism by which the strategy affects food supply services can be summarized as one core, three subjects, three pathways, and four types of services. This study offers a novel perspective on the rural revitalization strategy and provides informed recommendations for policymakers.

*Key words:* ecosystem services, effect and mechanism, food supply services, rural revitalization strategy

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