



# **Supply Chain Resilience in Agricultural Sector of Libya Amid Climate Shocks: An Action Research Study**

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## **Abstract**

The agricultural sector in Libya is highly vulnerable to climate shocks such as droughts and floods, which threaten both crop yields and livestock productivity. The study employed a participatory approach involving local farmers, government officials, and industry experts. Data collection included surveys, focus groups, and interviews, supplemented with secondary data from official sources. A key finding was the significant reliance on rain-fed agriculture in vulnerable regions, accounting for over 60% of total agricultural output. The research underscores the urgent need to strengthen supply chain management practices to ensure food security and economic stability during climate shocks. Immediate measures should include diversifying crops and livestock, enhancing irrigation systems, and establishing early warning systems for climate events. Agricultural Supply Chain Resilience Climate Shocks Libya

**Keywords:** *African context, resilience building, participatory approach, supply chain management, climate change impacts, agroecology, sustainability strategies*

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