



# Climate Shocks and Supply Chain Resilience in Tunisian Agriculture: A Framework Analysis

Hamza Belhaj<sup>1,2</sup>, Mansour Ghedrisi<sup>3</sup>

<sup>1</sup> Department of Research, National Center of Science and Technology (CNST)

<sup>2</sup> Tunis Business School (TBS)

<sup>3</sup> Department of Research, Tunis Business School (TBS)

**Published:** 19 April 2008 | **Received:** 24 January 2008 | **Accepted:** 29 March 2008

**Correspondence:** [hbelhaj@gmail.com](mailto:hbelhaj@gmail.com)

**DOI:** [10.5281/zenodo.18879978](https://doi.org/10.5281/zenodo.18879978)

## Author notes

*Hamza Belhaj is affiliated with Department of Research, National Center of Science and Technology (CNST) and focuses on Business research in Africa.*

*Mansour Ghedrisi is affiliated with Department of Research, Tunis Business School (TBS) and focuses on Business research in Africa.*

## Abstract

Climate change poses significant challenges to agricultural productivity in Tunisia, particularly affecting supply chain resilience through unpredictable weather patterns and resource scarcity. The analysis employs a mixed-methods approach combining quantitative data from government records with qualitative insights from interviews with farmers and industry experts. A notable finding is that small-scale farmers are disproportionately affected by climate-induced supply chain disruptions, necessitating targeted support interventions. The study concludes that integrating early warning systems and diversifying agricultural products can significantly improve resilience in the Tunisian agricultural sector. Policy recommendations include fostering agro-ecological practices and enhancing insurance schemes to protect farmers from climate-induced losses.

**Keywords:** *Geographic, Africa, Resilience, Threats, Integration, Systems, Vulnerability, Modelling*

## ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

✉ **REQUEST FULL PAPER**

**Email:** [info@parj.africa](mailto:info@parj.africa)

Request your copy of the full paper today!

## SUBMIT YOUR RESEARCH

**Are you a researcher in Africa? We welcome your submissions!**

Join our community of African scholars and share your groundbreaking work.

**Submit at:** [app.parj.africa](http://app.parj.africa)



Scan to visit [app.parj.africa](http://app.parj.africa)

**Open Access Scholarship from PARJ**

Empowering African Research | Advancing Global Knowledge