



South Asian Journal of Marketing & Management Research (SAJMMR)

(Double Blind Refereed & Peer Reviewed International Journal)



DOI: **10.5958/2249-877X.2021.00065.5**

AN ANALYSIS OF CHALLENGES OF THE AGRICULTURE ECONOMY IN INDIA

Dr. Alpana Joshi*; Dr. Subrata Das**; Dr. Mohd. Vaseem***

^{1,3}School of Agriculture Technology and Agriinformatics,
Faculty of Engineering and Technology,
Shobhit Institute of Engineering and Technology,
(Deemed to be University), Meerut, INDIA

Email id: alpana.joshi@shobhituniversity.ac.in, ³mohd.vaseem@shobhituniversity.ac.in

**School of Biomedical Engineering,
Faculty of Engineering and Technology,
Shobhit Institute of Engineering and Technology,
(Deemed to be University), Meerut, INDIA
Email id: subrata.das@shobhituniversity.ac.in

ABSTRACT

Agriculture in India has evolved significantly during the past two decades. New possibilities for agricultural production have emerged as a result of globalization and liberalization policies. Agriculture has received special attention from the Indian government and development planners due to its importance in national Gross Domestic Product (GDP) and employment, allowing this sector to play a significant role in the country's financial growth and in raising the income and living morals of the vast population dependent on agriculture. Over the past 15 years, a number of issues have arisen in Indian agriculture, and they are getting more severe with the passage of time. Because India is an agricultural economy, the country's pace of growth is also influenced by agriculture. Because resources are finite, a rise in the number of people who rely on agriculture will result in a reduction in per capita income. This is believed to be a significant contributor to widespread rural misery and a high rate of farmer suicides throughout the nation. There are certain severe issues that must be addressed within a specific time period in order to fix the issues before it is too late for everyone.

KEYWORDS: Agriculture, Biotechnology, Commodity Prices, India, Natural Resources.

REFERENCES:

1. "New Challenges for Agriculture within the Context of Climate Change," *Theor. Appl. Econ.*, 2015.

2. K. H. Coble, A. K. Mishra, S. Ferrell, and T. Griffin, "Big data in agriculture: A challenge for the future," *Appl. Econ. Perspect. Policy*, 2018, doi: 10.1093/aep/ppx056.
3. A. Calleros-Islas, "The practice of sustainability in response to the challenges of agriculture in Mexico," *Int. J. Des. Nat. Ecodynamics*, 2017, doi: 10.2495/DNE-V12-N3-324-337.
4. M. J. Goss, M. Carvalho, and I. Brito, "Challenges to Agriculture Systems," in *Functional Diversity of Mycorrhiza and Sustainable Agriculture*, 2017.
5. M. Bartošová and Š. Buday, "GLOBAL CHALLENGES FOR SUSTAINABLE AGRICULTURE AND RURAL DEVELOPMENT IN SLOVAKIA," *J. Cent. Eur. Agric.*, 2013, doi: 10.5513/jcea01/14.3.1316.
6. J. Mintert, D. Widmar, M. Langemeier, M. Boehlje, and B. Erickson, "the Challenges of Precision Agriculture: Is Big Data the Answer?*" the Challenges of Precision Agriculture: Is Big Data the Answer?," *South. Agric. Econ. Assoc.*, 2016.
7. L. Copeland, "Meeting the challenges for agriculture," *Agriculture (Switzerland)*. 2011, doi: 10.3390/agriculture1010001.
8. E. Van Tuijl, G. J. Hospers, and L. Van Den Berg, "Opportunities and Challenges of Urban Agriculture for Sustainable City Development," *Eur. Spat. Res. Policy*, 2018, doi: 10.18778/1231-1952.25.2.01.
9. T. Chapagain and M. N. Raizada, "Agronomic challenges and opportunities for smallholder terrace agriculture in developing countries," *Frontiers in Plant Science*. 2017, doi: 10.3389/fpls.2017.00331.
10. C. Xiong, D. Yang, J. Huo, and Y. Zhao, "The relationship between agricultural carbon emissions and agricultural economic growth and policy recommendations of a low-carbon agriculture economy," *Polish J. Environ. Stud.*, 2016, doi: 10.15244/pjoes/63038.