

RESEARCH TRENDS AND DIRECTIONS ON AGRICULTURAL HOLDINGS IN ROMANIA: A BOBLIOMETRIC APPROACH

Andreea-Daniela GIUCĂ¹, Alexandra Marina MANOLACHE¹, Vili DRAGOMIR¹

e-mail: giuca.daniela@iceadr.ro

Abstract

The present study aims to identify and analyze the main trends and research directions in the agricultural economics sector, with a particular focus on agricultural holdings in Romania. To achieve this objective, a research methodology based on bibliometric analysis was used, an increasingly common tool used to map the structure and evolution of scientific research in a given field. The bibliometric analysis was carried out on a sample of 176 scientific publications indexed in the Web of Science (WoS) database, selected based on the topic criterion containing the terms “agricultural holding” and “Romania”. The results of the analysis highlighted a constant increase in the interest of the scientific community in Romania, but also at international level, in topics aimed at the sustainable development of agricultural holdings, especially in the context of their adaptation to the environmental, social and economic requirements imposed by European policies. A significant share of publications focuses on the analysis of the impact of the Common Agricultural Policy (CAP) on Romanian farmers, in particular on access to subsidies, economic efficiency and the process of alignment with European standards. Another topic frequently addressed in the specialized literature is the fragmentation of agricultural land, a major structural problem with historical roots, which continues to affect the competitiveness and performance of Romanian farms. Also, in recent years, there has been an increase in interest in the digitalization of agriculture, reflected in publications dealing with topics such as precision agriculture, the use of drones, IoT sensors and farm management systems based on artificial intelligence. These trends indicate a growing openness of researchers and research institutions towards innovation and technology, in response to contemporary challenges in the agricultural sector.

Keywords: agricultural holdings, Romania, bibliometric analysis, trends, agricultural policies.