Education For Sustainable Development in Preservice Teacher Program: A Bibliometric Method

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Sections Info

ABSTRACT

Objective: Sustainability education or education for sustainable development is crucial for advancing eco-conscious growth. In this context, the teacher is essential in delivering knowledge and fostering awareness of sustainability among students. As the younger generation, students will contribute to the development of businesses and the country. Consequently, the behavior of the generation should correlate with sustainability principles. Teachers also influence the formation of a young generation equipped with a deep understanding and awareness of sustainability, shaping future behaviors. Based on this discovery, sustainability education for a prospective teacher is essential. Therefore, this study aims to provide a comprehensive analysis of trends related to sustainability education for a preservice teacher. **Method:** The study adopted a bibliometric method using the VOS viewer and analysis tools available on Scopus. The analyzed articles focused on sustainability education for a preservice teacher, published in the Scopus database between 1998 and 2024. **Results:** The results showed that several areas within this field required further publication, offering opportunities for scholars to explore. **Novelty:** The study was the first to explore sustainability education within the context of preservice teacher training.

INTRODUCTION

Climate change is among the most critical global concerns and is expected to dominate discussions in the coming years. However, the impact of global concerns extends beyond climate change, giving rise to severe environmental and social challenges (Kuthe et al., 2019). Global warming, destruction of natural resources, deforestation, severe water and air pollution, high carbon emissions, food shortages, and other threats to the planet's future are increasingly affecting human lives (Grosseck et al., 2019). Despite these growing concerns, little evidence suggests that environmental degradation is slowing. Even in the best-case scenarios, society's current approach to managing Earth's resources appears unsustainable.

Kuthe et al. (2019) proposed that immediate action from all sectors of society was necessary to address the sustainability challenges. In support of this, Grosseck et al. (2019) emphasized the importance of building a more sustainable civilization, lifestyle, and economy. The younger generation also plays an essential part in addressing these challenges as the group will become future leaders, managers, and employees responsible for making ethical and sustainable decisions. Consequently, educating the younger generation who are aware of global challenges and prepared to address today's pressing issues is essential. Many practitioners also consider education central to sustainable development. In this context, providing sustainable education to the younger generation is further essential as education for Sustainable Development (ESD) is crucial in developing a society's capacity to tackle sustainability issues (Brandt et al., 2019).

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