

THE POTENTIAL OF THE SUNFLOWER: SYNERGY OF SCIENCE AND PAINTING FOR SUSTAINABLE DEVELOPMENT

Prof. Dr. Eter Kharaishvili

Ivane Javakhishvili Tbilisi State University, Georgia

ABSTRACT

The sunflower has significant potential in terms of agrarian production, painting, and sustainable development. The paper discusses the potential of the sunflower as an opportunity for food security, energy efficiency, ecological balance protection, and diversification.

The aim of the study is to identify the potential of the sunflower for sustainable development. The research also considers the demonstration of an innovative approach to the synergy of science and painting in terms of shaping society's vision toward agrarian resources, enhancing ecological responsibility, and deepening cultural self-awareness.

The paper discusses the potential of the sunflower as an opportunity for food security, energy efficiency, ecological balance protection, and diversification, and briefly compares it with other agricultural commodities that support sustainable development.

The paper analyzes statistical data about the sunflower; in order to evaluate the practical manifestations of the synthesis of science and painting, Van Gogh's "Sunflowers" and other samples of painting, as well as Georgia's "yellow sunflower fields," are discussed. A qualitative study was conducted; in order to reveal the main findings, the obtained responses were grouped and analyzed by topic.

The research presents a discussion on the issue, provides a summarizing conclusion, and defines future directions of the study.

Keywords: sunflower, potential, synergy of science and painting, Van Gogh, sustainable development.

INTRODUCTION

Throughout human history, plants have been companions to people, providing them with food, income, warmth, medicine, and emotions.

Among plants, the sunflower stands out with its astonishing visual appeal and its ability to convey certain thoughts, optimism, and feelings. This plant always turns toward the sun, from sunrise to sunset, and its bright and cheerful appearance has captivated people for centuries.