

SUSTAINABLE DEVELOPMENT GOALS (SDGS) GUIDELINES OF SUAN SUNANDHA RAJABHAT UNIVERSITY, UDON THANI EDUCATION CENTER

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Abstract

Udon Thani Education Center has been a recognition of operations for sustainable development goals (SDGs) which is generally at a very good level. The average value (\bar{x}) = 4.72, S.D.=0.61, 80.28 %. This is in line with the need for sustainable development in accordance with the SDGs. Emphasis on the participation of students and the public. To provide services to the external society in line with the SDGs, to build a network of cooperation between the public and private sectors for sustainable development in accordance with the SDGs, and to focus on research and academic services in line with the SDGs, accounting for 90.28, 83.33 and 81.94 %, respectively. It may be necessary to determine project activities that are in line with SDGs. SDGs have a moderate awareness value, 69.44%. The Sustainable Development Goals (SDGs) Guidelines of Udon Thani Education Center have been set according to Six Transformations SDGs. So, we have set the needs for sustainable development with 5 SDGs including instructional Adjustments Emphasis on the participation, focusing on being an organization of well-being in a good environment, building a network of cooperation between the public and private sectors for sustainable development, focusing on research and academic services and digital revolution for sustainable development. It is necessary to develop their own digital competencies effectively and to be able to design new forms of learning management to suit learners and collaborate effectively.

Keywords: Sustainable Development Goals (SDGs), Guidelines, Udon Thani Education Center

Introduction

Suan Sunanda Rajabhat University has been setting the direction of university development for 15 years, with a vision to become an "Ettakka International University" with a good model university for society in the first 5 years (2017-2021) (Smart Archetype University of the Society)" (Phetaeng et al, 2024). But nowadays, the world situation is changing. After the COVID-19 situation, global society has entered the digital social era. Everyone on earth is connected. This era uses digital technology as an important tool to drive development. The new generation is considered a digital citizen. Digital technology is used as a part of life (Noichun et al, 2024). Therefore, the university has adjusted its management approach to be competitive and keep up with the future world. Using the principles of university management with the SSRU KEEP Model and has set the following goals for the development of SSRU SWITCH including S : Sustainability is a sustainable university that is ready to grow with the modern society, W : World-Class is aiming to become a world-class university, I : Integrity A university that adheres to administrative and academic integrity, T: Technology A university driven by modern technology, C: Capacity and Capability and H: Happy Workplace, a university of well-being surrounded by an atmosphere of academics.

In the past three years, the Sustainable Development Goals (SDGs) have played a role in the operations of various organizations, both public and private, with the concept of Eco Centric, which puts the ecosystem at the center, as well as the concept of Land Ethic, which considers humans as one of the members of the global community. They must respect and depend on other members of the earth to use and maintain the balance of resources on the earth. Solving the problem of unsustainability caused by human craftsmanship affects the environment and climate change, thus reflecting the adaptation of the global educational institution (Itthimechai et al, 2023). Suan Sunanda Rajabhat University as a Rajabhat University, which is considered a higher education institution for local development. According to the Rajabhat University Act B.E. 2547 (2004) Rajabhat University is designated as an institution of higher education for local development as an institution that provides education for sustainable development in the field of economics, society and environment (Kenaphoom et al, 2024). It has driven and adjusted policies and operations taking into account the goals for sustainable development. Suan Sunanda Rajabhat University, Udon Thani Education Center, as an educational management agency, has been transferred to implement the framework and policies of the university. Therefore, this research has conducted a study on the Sustainable Development Goals that are in line with the operation of Udon Thani Education Center in order to obtain sustainable development guidelines in accordance with the SDGs of Suan Sunanda Rajabhat University, Udon Thani Education Center

Research Objectives

1. To study the Sustainable Development Goals in line with the operation of Udon Thani Education Center.
2. To study the sustainable development approach according to SDGs of Suan Sunanda Rajabhat University, Udon Thani Education Center.

Scope of the Research

1. Population
 - 1.2 Students of Udon Thani Education Center
 - 1.2 Executives Teachers and staff of the Udon Thani Education Center
2. Variable Scope
 - 2.1 Sustainable Development Goals that are in line with the operation of the Udon Thani Education Center.
3. Time Scope
 - 3.1 1 October 2024 - 31 July 2025

Literature Review

The Sustainable Development Goals (SDGs) on extreme global climate change due to the accumulation of carbon dioxide concentration in the worldwide atmosphere reached 415.26 ppm in 2022, resulting in changes in nature, causing damage to the ecosystem as well as affecting the lives of the global community. The Sustainable Development Goals (SDGs) and the Paris Agreement call for change in all countries, which require action from all sectors, including government, civil society, science, and business. There are six SDG Transformations as modular building-blocks of SDG achievement including (1) education, gender and inequality; (2) health, well-being and demography; (3) energy decarbonization and sustainable industry; (4) sustainable food, land, water and oceans; (5) sustainable cities and communities; and (6) digital revolution for sustainable development (Sachs et al, 2019). Educational institutions as educational organizations that play an important role in driving development

according to 17 Sustainable Development Goals (SDGs). Suan Sunanda Rajabhat University as a Rajabhat University, which is considered a higher education institution for local development (Kenaphoom, et al., 2024). It has driven and adjusted policies and operations taking into account the goals for sustainable development. Suan Sunanda Rajabhat University, Udon Thani Education Center, as an educational management agency, has been transferred to implement the framework and policies of the university. Therefore, this research has conducted a study on the Sustainable Development Goals that are in line with the operation of Udon Thani Education Center in order to obtain sustainable development guidelines in accordance with SDGs of Suan Sunanda Rajabhat University, Udon Thani Education Center.

Research Methodology

1. Research Methodology

1.1 Tools used in quantitative research and questionnaires to collect opinions on the success level of the operation of Udon Thani Education Center for Sustainable Development according to the goals. The SDGs are divided into 3 parts using a Close-Ended questionnaire. Part 1 - Part 3 is as follows:

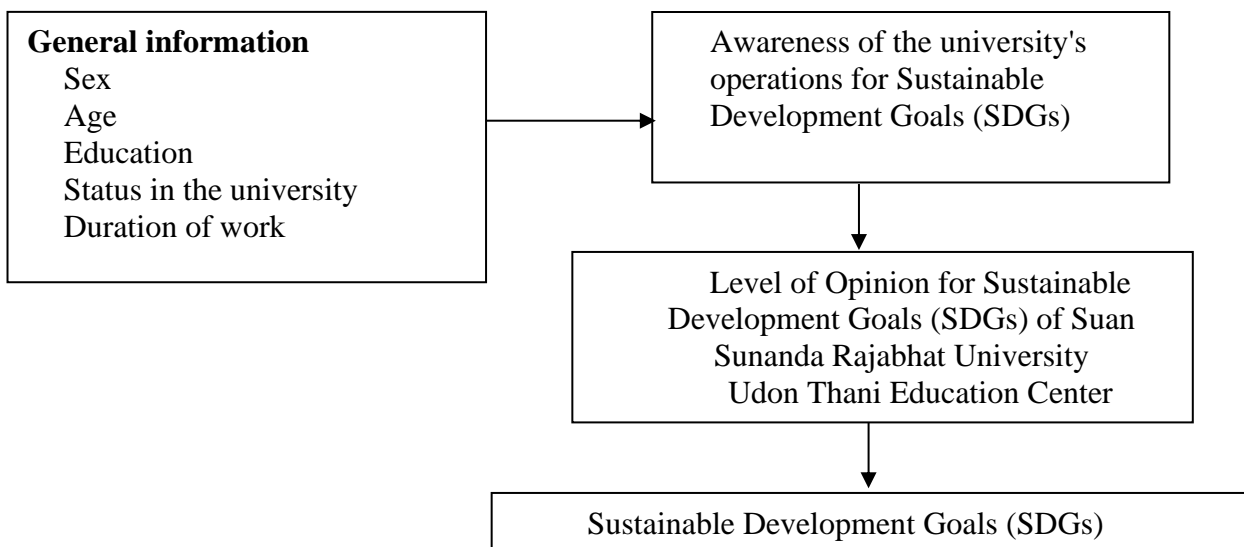
Part 1: General status of informants

Part 2: Perception of the University's Operations for Sustainable Development Goals (SDGs)

Part 3: Level of Opinion for Sustainable Development Goals (SDGs) of Suan Sunanda Rajabhat University Udon Thani Education Center Questionnaire on the success level of the Operation of Udon Thani Education Center for Sustainable Development according to the Goals (SDGs) are divided into 5 levels of opinion.

1.2 Tools used in qualitative research by studying data from various documents, annual reports, and in-depth interviews and analyzing them in a descriptive form by interviews. The nature of the interview is open-ended in that the researcher has determined the interview layout to cover the objectives of the research, both in terms of the level of success of the operation of Udon Thani Education Center for Sustainable Development Goals (SDGs) according to the goals. Problems, Obstacles, and Effective approaches to drive Sustainable Development Goals (SDGs) in accordance with the SDGs of Suan Sunanda Rajabhat University Udon Thani Education Center.

2. Research Steps



3. Data Collection

Quantitative and qualitative research, the tools used in the research are questionnaires and interviews. The sample used in the research was executives. There are 26 lecturers and staff of Udon Thani Education Center, and the main group of informants are 5 executives who play an important role in driving the university's strategy and 40 students of Udon Thani Education Center.

4. Data Analysis

4.1 Quantitative research data analysis

The researcher collected data using a questionnaire to measure the level of perception and the level opinions then analyzed it into SPSS statistical data to know the level opinions for Sustainable Development Goals (SDGs) Suan Sunanda Rajabhat University, Udon Thani Education Center by analyzing data by statistical methods, Percentage, Mean, and Standard Deviation according to the research objectives.

4.2 Qualitative research data analysis

The information from the interview is an in-depth interview from the main informant, the executive, to know the success of the operation of Udon Thani Education Center for Sustainable Development according to the goals. SDGs, problems and obstacles, as well as guidelines to drive the operation of Udon Thani Education Center for Sustainable Development according to the goals. The objectives of the research and data analysis are as follows: The data were analyzed using the analysis method from the study of data documents and data from in-depth interviews with 5 executives using the content analysis method obtained from the interviews and used to analyze the descriptive data and research suggestions.

Research Results

Table 1 shows the percentage of university performance perception for sustainable development goals (SDGs) of executives, staff, and students, Suan Sunanda Rajabhat University, Udon Thani Education Center.

Awareness of the university's operations for sustainable development Goals (SDGs)	Average (\bar{x})	%	S.D.	Perception Results
Personnel and students have an ideology and vision for sustainable development Goals (SDGs)	4.89	93.06	0.43	The most
University adjust teaching and learning or research academic services for sustainable development Goals (SDGs).	4.68	81.94	0.77	The most
The university builds a network for sustainable development Goals (SDGs).	4.67	80.56	0.79	The most
The university has defined project activities that are in line with sustainable development Goals (SDGs).	4.60	69.44	0.66	Moderate
The university provides services to the outside society in line with sustainable development Goals (SDGs).	4.76	76.39	0.43	Very
Total	4.72	80.28	0.61	The most

From Table 1. It is found that the perception of the university's operation for sustainable development in accordance with the SDGs of administrators, staff, and students of Suan Sunanda Rajabhat University is generally at a very good level. The average value (\bar{x}) = 4.72, S.D.=0.61 was 80.28 %, with the perception of ideology and vision for sustainable development goals (SDGs) was the most, as well as the university adjusted teaching and learning or research for academic services for sustainable development according to the SDGs, as well as building a network for sustainable development according to SDGs, accounting for 93.06 %, 81.94 % and 80.56 % respectively. While the university had set project activities in line with SDGs at a moderate level, accounting for 69.44 % and the university provided services to the outside society in line with SDGs at a good level, accounting for 76.39 %.

Table 2, Table showing the level of opinion for sustainable development goals (SDGs) of Suan Sunanda Rajabhat University, Udon Thani Education Center.

The opinion for Sustainable Development Goals (SDGs) of Suan Sunanda Rajabhat University Udon Thani Education Center	Average (\bar{x})	%	S.D.	Level of opinion
Instructional adjustments emphasis on the participation of students and the public to provide services to the external society in line with Sustainable Development Goals (SDGs).	4.88	90.28	0.41	The most
Focus on being an organization of well-being in a good environment.	4.44	69.44	0.99	Moderate
Building a network of cooperation between the public and private sectors for Sustainable Development Goals (SDGs).	4.78	83.33	0.56	The most
Focus on research and academic services in line with Sustainable Development Goals (SDGs).	4.75	81.94	0.58	The most
Digital revolution for sustainable development	4.51	69.44	0.86	Moderate
Total	4.67	78.89	0.68	Moderate

Table 2 shows that Suan Sunanda Rajabhat University, Udon Thani Education Center has a moderate level of opinion on sustainable development in line with the SDGs as a whole, accounting for 78.89 %. The level of opinion is very agreeable. In the field of teaching and learning adjustment. Emphasis on the participation of students and the public. To provide services to the external society in line with SDGs, to build a network of cooperation between the public and private sectors for sustainable development goals (SDGs), and to focus on research and academic services in line with the SDGs, accounting for 90.28 %, 83.33 and 81.94 %, respectively. Meanwhile, the level of opinion on sustainable development goals (SDGs) of Suan Sunanda Rajabhat University, Udon Thani Education Center with a moderate level of opinion was focused on being an organization of well-being in a good environment and the digital revolution for sustainable development, accounting for 69.44 %.

Discussion

At present, Suan Sunanda Rajabhat University, Udon Thani Education Center has been operating in accordance with the University Strategy, which has been driving the implementation of Sustainable Development Goals (SDGs) since 2022. This can be seen that there is a recognition of the university's operations for sustainable development according to the goals. SDGs of the Udon Thani Education Center are generally at a very good level. The average value (\bar{x}) = 4.72, S.D.=0.61 accounted for 80.28 %. This is in line with the need for SDGs. Emphasis on the participation of students and the public to provide services to the external society in line with SDGs, to build a network of cooperation between the public and private sectors for sustainable development in accordance with SDGs, and to focus on research and academic services in line with the SDGs, accounting for 90.28%, 83.33 and 81.94 %, respectively. However, it may be necessary to determine project activities that are in line with the Sustainable Development Goals. The SDGs have a moderate awareness value, accounting for 69.44%, and have set a sustainable development approach in accordance with SDGs of Suan Sunanda Rajabhat University, Udon Thani Education Center follows the changes in 6 SDGs: (1) education, gender and inequality; (3) decarbonization of sustainable energy and industry, (4) sustainable food, land, water, and oceans, (5) sustainable cities and communities, and (6) the digital revolution for sustainable development, which are key components of the achievement of the SDGs (Sachs et al, 2019). Suan Sunanda Rajabhat University, Udon Thani Education Center, as an educational institution has set the needs for sustainable development in accordance with 5 SDGs. Emphasis on the participation of students and the public to serve the external society, to focus on being an organization of well-being in a good environment, to build a network of cooperation between the public and private sectors for sustainable development, to focus on research and academic services and the digital revolution for sustainable development. It can be seen that Udon Thani Education Center needs to increase its development in terms of focusing on being an organization of well-being. The level of opinion was moderate, accounting for 69.44 %, which is undeniable that the development of human potential can increase the opportunity for economic and social development to keep up with the world in the era of digital technology. They must develop their own digital competencies to be effective and to be able to design new forms of learning management to suit learners and collaborate effectively (Noichun et al, 2024).

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