

CONSTRUCTING AND STANDARDIZING DIMENSIONS OF SUSTAINABLE DEVELOPMENT: A PERSPECTIVE FROM BEARERS OF THE WOODEN BADGE IN IRAQ

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Abstract

The importance of the research lies in obtaining a codified measure of the dimensions of sustainable development to know the levels of dimensions of sustainable development enjoyed by the sample, which may contribute to influencing the individual or society and contribute to shaping their vision towards societal issues and the ability to analyze and comprehend them in order to take appropriate behavior regarding these issues and that sustainable development Which is a set of integrated and multi-dimensional actions, with man as its absolute and goal, and it is only the result of concerted efforts undertaken by the living forces of the nation, as the Scout movement is considered one of the most voluntary educational movements that contribute to creating leaders from childhood, which is the cub stage, and continues into advanced stages of life. Through its distinguished programs that focus on building leaders and creating competent leaders, this is what we see in the success of the Scouting movement in its work, as leadership is a source of strength, confidence and excellence at all times and places and has become one of the issues of concern to Scout leaders in any organization that seeks to raise its performance and present the results of the study to researchers. And scout leaders in order to benefit from these results and apply them to scout teams, and the problem of the current research arises to shed light on the dimensions of sustainable development and its levels among holders of the wooden badge in Iraq to identify and enhance the strengths in the dimensions of sustainable development and the weak points and address them according to solid scientific foundations and put them within the reach of the leaders. Scouts to help them find ways to develop the dimensions of sustainable development and prepare them to suit the requirements of advancement and development in the work of the Scouting movement. Because of the importance of these variables, they must be studied scientifically, and one of the main steps for this is to find an accurate measure. The research aims to build a measure of the dimensions of sustainable development for holders of the wooden badge in Iraq. And to identify the level of the dimensions of sustainable development from the point of view of the wooden badge holders in Iraq, extracting the standard levels of the sustainable development dimensions scale from the point of view of the wooden badge holders in Iraq.

Research Introduction and Significance:

Sustainable development, which is a set of integrated, multi-dimensional actions with man as its starting point and goal, is considered only the result of concerted efforts undertaken by the living forces of the nation. The Scout movement is one of the most voluntary educational movements that contribute to creating leaders from childhood, which is the cub stage, and continues to advanced stages. This is through its distinguished programs that focus on building leaders and creating competent leaders, and this is what we see in the success of the Scouting movement in its work, as leadership is a source of strength, confidence and excellence at all times and places.

It is well known that the leader understands the general foundations of leadership, and therefore he must carry out the educational process and use his skills at the same time. In this framework, he participates with educational and scientific institutions in schools in building the independent personality of scouts for the purpose of accustoming them to creativity and initiative, not only to give him knowledge, but to present him to life in the broadest sense. The Scout leader, in his quest to fulfill this role, should link his scientific and educational activity with the personalities of scouts, i.e. respond to their needs and be aware of their aspirations and interests.

Successful scouting leaders strive to assist young people in building a better world through scouting methods and educational elements. They commit to self-improvement as responsible citizens, responsible for enhancing the physical, social, and psychological aspects of scouts and developing their various skills to achieve desired goals. This includes elevating scouting leaders and scout teams to the highest levels.

Therefore, the importance of research lies in the importance and dimensions of Sustainable Development, which leads to development, development and advancement locally, regionally and internationally, as well as highlighting the success of scouting work, whether from scout teams, scout divisions, camps, development courses or activities in the scout field, and based on the above, the importance of Sustainable Development Dimensions. In addition to the importance of the – Baden-Powell believed that this goal will be achieved only by developing the members of that community in developing mass awareness within their communities and to follow up on the importance of this movement on individuals in order to promote an intellectually, culturally and scientifically advanced society. This study, which examines the dimensions of sustainable development and building a measure of the dimensions of sustainable development for holders of the wooden badge in Iraq, came.

Research Problem

Through and through the researcher's work in the field of scouting, as well as from his participation in many courses, camps and conferences related to scouting work, whether inside or outside Iraq, and the fact that the researcher holds the wooden badge (order of the jungle), as well as his familiarity with the studies and research of the Scout movement, he noticed and

diagnosed the existence of weakness or some shortcomings since there is no tool to measure the dimensions of sustainable development, as far as the researcher knows, so He resorted to building a measure and dimensions of sustainable development to find out what is the role of the dimensions of sustainable development for the holders of the wooden badge in Iraq, as there are many difficulties and problems that stand in the way of the leaders of the Scout movement to achieve the set goals, which will reflect positively on their creativity and keenness in performing duties. The importance of these variables must be studied scientifically, and one of the main steps is to find an accurate measure.

Research Objectives:

The research aims to:

1. Construct a scale for Dimensions of sustainable development from the perspective of holders of the Wooden Badge in Iraq.
2. Understand the level of Dimensions of sustainable development from the perspective of holders of the Wooden Badge in Iraq.
3. Identify the standard levels of Dimensions of sustainable development from the perspective of holders of the Wooden Badge in Iraq.

1-4 Research Scope:

- Human Scope: Holders of the Wooden Badge in Iraq.
- Time Scope: From 10/11/2022 to 15/8/2023.
- Spatial Scope: Governorates of Iraq excluding the Kurdistan Region.

Research Methodology and Procedures:

Research Method:

The research adopts a descriptive approach using the survey method and relationships.

Research Population and Sample:

The research population consists of 420 scouting leaders, and the sample was selected using the comprehensive sampling method, representing 100%. The sample was distributed as follows for the construction and design of the "Dimensions of sustainable developmen" scale:

1. Preliminary application sample: 20 scouting leaders (76.4%).
2. Construction sample: 250 scouting leaders (59.52%).
3. Application sample: 150 scouting leaders (35.71%).

Research Tools:

1. Arabic and foreign sources.
- 2- Information Web Network:
- 3- Previous Studies and Research:
- 3-4 Procedures for Constructing and Designing the Dimensions of sustainable developmen Scale for Holders of the Wooden Badge in Iraq:

Identification of Scale Domains:

The researcher designed the Dimensions of sustainable development scale, revealing (4) different domains of Dimensions of sustainable development. To construct the Dimensions of sustainable development scale for holders of the Wooden Badge in Iraq, the researcher presented the scale to a group of experts and specialists in the fields of sports psychology, testing and measurement, management and organization, media, and scouting curricula. The total number of experts was 15. The purpose was to gather their opinions on the validity of the scale in measuring Dimensions of sustainable development from the perspective of holders of the Wooden Badge in Iraq.

After reviewing the scale, experts and specialists expressed their opinions on its validity and alignment with the sample's characteristics and levels. The researcher obtained a good agreement percentage for the opinions of the experts, as shown in Table (1).

Table (1):Shows the calculated Kappa coefficient for expert responses on the Dimensions of sustainable development scale.

#	Number of Experts	Agreed	Disagreed	Kappa (κ) Value	Sig	Significance
1	15	15	0	15	0,000	statistical significance

Based on the above table, the Dimensions of sustainable development Scale was accepted after being presented to the experts

3-4-1-1 Initial Formulation of Dimensions of sustainable development Scale Items for Holders of the Wooden Badge in Iraq:The process of "Preparing the scale items" is one of the most critical steps, requiring specific conditions from the scale and test designer. The researcher formulated (60) items distributed across (4) domains for the Dimensions of sustainable development scale, which are related to decision-making. These domains are as follows:

1. The economic dimension (14 items).
2. The social dimension (17 items).
3. The environmental dimension (16 items).
4. The technological dimension (13 items).

Presentation of the Scale Items in their Initial Form to the Reviewers:

The researcher presented the scale items to experts and specialists to determine their appropriateness. The initial formulation of the scale included (60) items distributed across (4) domains. After reviewing, some items were removed, resulting in a final count of (53) items.

Discriminative Ability:

Revealing the discriminative power is done by determining the total score for the responses of the study participants. The forms are then ranked in descending order. Two extreme groups are selected, representing 27% of the total sample that underwent the measurement. The high group consists of individuals with the highest scores, and the low group consists of individuals with the lowest scores. The researcher thus formed two groups, each comprising (63) scouting leaders.

To calculate the discriminative power of each item, the formula (t) was used. After applying statistical operations to extract the discriminative power of the items, the following results emerged:

- The average score for the Dimensions of sustainable development scale ranged from (4.95) to (1.86).
- Some items were excluded due to a lack of a high discriminative coefficient, leaving a total of (50) items.

Internal Consistency Coefficient:

Internal Consistency Coefficient for the Entire Scale:

The researcher used the Pearson correlation coefficient between the scores of the sample on each item and their scores on the entire scale through the statistical package (SPSS). After completing the statistical analysis, it was found that some items are consistent at a significance level of (0.01).

Method of Internal Consistency (Cronbach's Alpha):

The researcher calculated the reliability coefficient using Cronbach's Alpha method for the Dimensions of sustainable development scale for all individuals in the construction sample, totaling (230) scouting leaders, using the statistical package (SPSS). The reliability coefficient for the Dimensions of sustainable development scale was (0.958), indicating high reliability.

Standard Levels of the Scale:

The researcher utilized the normal distribution curve (Gaussian) to determine the standard levels of the Dimensions of sustainable development scale.⁽¹⁾

The choice of five standard levels for the scale was based on the nature of the sample, its size, and the appropriateness of the tests for this sample. As the sample size increased, and the tests were suitable for the sample, the distribution of data approached the shape of the normal distribution curve. The researcher selected five levels for the Dimensions of sustainable development scale, dividing the standard scores into five levels. The modified standard scores consist of (12 grades), as shown in Table (2) for Dimensions of sustainable development.

Table (2) Shows standard, modified grades, raw scores, and levels for the Scouting Media Scale.

Levels	Standard Score	Modified Standard Score	Raw Score	Number	Percentage
Very Good	1.24_ 2.38	62.37 - 73.76	194-230	45	% 19.57
Good	0.07_ 1.21	50.66 - 52.05	157-193	65	% 28.26
Average	-1.10- _ 0.03	38.95 -50.34	120-156	72	%31.30
Acceptable	-2.28- _ -1.14-	27.24 - 38.64	83-119	32	% 13.91
Weak	-3.45- _ -2.31-	15.53 - 26.93	46-82	16	%6.96

3-8 Final Application of the Scale (□):

After completing all the requirements of the scale design and procedures, the scale became ready for application. The Dimensions of sustainable development scale consists of (46) items distributed across five domains. The researcher applied the final version of the scale to the application sample, which included (150) scouting leaders. After analyzing the responses of the research sample, the data were collected in a special form, and each scouting leader received a unique score.

Statistical Methods:

The researcher utilized the statistical package (SPSS) and Excel to obtain statistical information.

Presentation of Dimensions of sustainable development Scale Results and Analysis:

Table (3) Shows the statistical indicators for the sample in the Scout Media Scale.

Scale	Application Sample	Mean	Supposed Mean	Standard Deviation	Standard Error	Skewness Criterion	Level
	140	155.765	138	30.908	2.038	0.466	Moderate

⁽¹⁾WadiYassin Mohammed and Hassan Mohammed Abdul: "Statistical Applications and Computer Uses in Research in Physical Education," Mosul, Dar Al-Kitab for Printing and Publishing, 1999, p. 165. Translation to English.:

Table (4) Shows the standard, raw grades, levels, frequency, and percentage for the application sample.

Levels	Degree of Standardization	Raw Score	Variation	Percentage %
Very High	62.37 - 73.76	194-230	24	%17,14
High	50.66 - 52.05	157-193	41	%29,28
Moderate	38.95 - 50.34	120-156	47	%33.57
Low Very	27.24 - 38.64	83-119	23	%16,42
Low	15.53 - 26.93	46-82	5	% 3.57

Discussion of Dimensions of sustainable development Scale Results:

The results presented in Table (3) indicate that the mean scores, standard deviations, and sample levels in the Dimensions of sustainable development domain reached a final mean of (155.765). This represents the sum of mean scores across the domains of Dimensions of sustainable development. When compared to the hypothetical mean of (138), it is evident that the calculated mean is higher than the theoretical mean. This suggests that the sample possesses a certain level of Dimensions of sustainable development, as indicated by their responses to the scale.

Upon reviewing the standardization levels in the main scale (Table 4), the sample falls within the moderate level. The researcher attributes the sample's attainment of a high to very high level as a positive result. Wooden badge holders in Iraq demonstrate proficiency in applying scouting principles and elements, because Scout leaders are familiar with the goals, duties and principles of the Scout movement through the experience gained in working in the scout field and various fields, Sciences, cultures, and activities that a scout leader should acquire, in order to become an effective leader in his country and be an important part among the leaders of sustainable development that cares about the economic, social, environmental, technological field and working within the Scout curriculum, which has a great role in achieving the dimensions of sustainable development because the principles and purpose of the Scout movement are based on loving goodness for all and working for peace and solidarity within society and between other communities, and an important role in character building for scouts and age stages By instilling a love for the environment in which they live and the community, as well as their role in the implementation of public service projects, community development, environmental conservation projects, the protection of wildlife, and other important projects, and their ambition to make the world a better place by encouraging and developing Scout abilities, discovering their skills and creativity, and guiding them to use appropriate technology This is confirmed by Ibrahim Musa

(2007)"Contribute to the education of young people through an educational system for the acquisition of values based on promise and dignity in order to help build a better world.".⁽¹⁾

From the point of view of the holders of the wooden badge in Iraq, Scout leaders, some of them have work experience, but not enough to qualify them to be better motivated in performing their positive role in achieving the dimensions of sustainable development, and they do not have a real will for the importance of scouting activities and lack some encouraging motives to refine their personality and show their skills, energies and talents in leading the Scout movement by participating in internal and external scouting activities and camps, increasing their knowledge through courses and programs, gaining additional knowledge and making them able to afford Responsibility, as affirmed by by (Muhammad al-tallawi 2008, "(Relationship between leaders and boys) a member belonging to the Scout movement at the beginning of his joining and after the transition period of the stage performs the Scout Promise according to the stage, which includes the oath and the vow to make an effort to be faithful to God and the homeland, to help people when they need it and to do good always, and undertakes to work by the Scout Law, which every scout in the world memorizes by heart are specific rules for personal and collective life behaviors and can be used as a reference in the gradual development of the value system."⁽¹⁾ "

Because Scout leaders are the real engine to lead the ship of the Scout movement in all its activities and what it carries out of events, programs, gatherings and camps, so you have the biggest role in implementing its goals and developing the capabilities of its workers, and taking advantage of their potentials, abilities and inclinations both in his field of specialization and their quest to exert effort in which may lead them to move away from proposing appropriate programs and mechanisms for the development of the movement Scouts in the present and future, as well as their adherence and commitment to what they have tried and accustomed to familiar and familiar ideas and methods in their scouting workThis is confirmed by (AmiraZeroual 2017)"The goal of both the Scout organizations and the United Nations has always been to create a better world. both organizations strive to work for the spread of world peace, development and youth education. scouts have participated in various programs, initiatives and joint projects with various UN bodies. today, the World Organization of the Scout movement has become one of more than 130 international non-governmental organizations with general consultative status with the United Nations economic and Social Council since 1947."

The researcher attributes the fact that the holders of the wooden badge in Iraq received a (low and very low) level in the measure of Sustainable Development Dimensions from the point of view of the holders of the wooden badge in Iraq to the lack of experience of Scout leaders in developing their leadership skills and weakness in employing intellectual potentials, new information and knowledge about the Scout movement, which would lead to upgrading the Scout

⁽¹⁾Ibrahim Musa; school scouts, Vol. 1, Amman, Hammurabi publishing house, 2007, p. 13 ..

⁽¹⁾AmiraZeroual; Algerian Islamic Scouts and their role in the national movement University 08 May 1945 qalma master thesis Faculty of Humanities and Social Sciences Algiers, 2107, P.14.

work that he owns through scouting activities and programs, and the lack of participation in gatherings and camps, the use of third-party reliance in the application of scouting activities, as well as the lack of participation in workshops, training sessions and lectures in the field of the Scout method the role of the Better World initiative in achieving Dimensions of sustainable development, This is confirmed by (Musab Omar) We find that the environmental performance of the Scout movement must have goals adhered to by the organization of the Scout movement in building and developing young people to improve the environmental work of communities, the environment is important for human survival on the planet Earth⁽¹⁾

Conclusions and Recommendations

Conclusions:

1. The validity of the Scout Media Scale, prepared by the researcher to measure scouting media, was confirmed according to the perspectives of the Wooden Badge holders in Iraq.
2. The members of the research sample have different levels of Sustainable Development Dimensions according to the results shown by the computational community and the standard levels of the scale.

Recommendations:

1. Taking advantage of the Sustainable Development Dimensions scale that the researcher prepared to measure the dimensions of sustainable development and the point of view of the holders of the wooden badge in Iraq.
2. Generalization of the results of the current study to scout divisions, Central teams and civil associations revealing leaders of its importance dimensions of sustainable development.

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⁽¹⁾Musab Omar Mohammed; obstacles of scouting activities in public schools in Gaza governorates from the point of view of leaders and managers and ways to overcome them ,master thesis, Al-Azhar University Gaza Deanship of Graduate Studies Faculty of Education Department of fundamentals of education, 2016.

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Appendix

#	First: the economic dimension	Always Agree	Mostly Agree	Agree Sometimes	Rarely Agree	Disagree
1	Revealing leaders participate in the fight against poverty and help those in need.					
2	Revealing leaders seek to reconcile economic development, environmental conservation and observance of the rights of future generations to various natural resources.					
3	Scout leaders play a key role in conserving water in quantity and quality by making posters, flyers and holding educational workshops.					
4	Revealing leaders are interested in reducing material cost by reducing the use of paperwork and shortening roles in dealing with others.					
5	Revealing leaders contribute by donating consumable clothing to help other people in need.					
6	Revealing leaders seek to eliminate forced labor and child labor.					
7	Revealing leaders are interested in improving the level of efficiency and making a radical change in lifestyle.					
8	Scout leaders are working to dedicate natural resources for the purposes of					

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	continuous improvement in living standards.					
9	Scout leaders encourage agriculture because it provides great opportunities for employment and is an important source of income, food production and various industries.					
10	Scout leaders contribute to spreading awareness about the risks of desertification and its impact and reducing urban sprawl on agricultural areas.					
#	Secondly: the social dimension					
11	Revealing leaders contribute to the development of the spirit of brotherhood, love and tolerance between them and society.					
12	Scout leaders contribute to volunteer work to visit needy families and help those in need.					
13	The revealed leaders emphasize the rejection of sectarianism and racism and respect for all spectrums of society and solidarity with them.					
14	Scout leaders organize the activities of national, religious and social events and their events.					
15	Scout leaders participate in the creation of posters and posters on topics about Scout values in the development of the behavior of individuals and society.					
16	Revealing leaders strive to achieve justice and equality for all.					
17	Modern means of communication and social networks contribute to the transfer of positive habits and traditions of Scout leaders and age stages.					
18	Scout leaders organize activities and events aimed at improving educational and					

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	health care opportunities for women and taking care of them.					
19	Scout leaders train boys and young men on the messengers of peace programs and their role in providing humanitarian services in society, not the events of comprehensive sustainable development.					
20	Scout leaders strive to raise the level of children and women through programs for diverse family care and child follow-up					
21	Revealing leaders contribute to empowering boys and young people to be leaders of sustainable development of the world, present and future					
22	Scout leaders are keen to adopt programs that will support and achieve the Sustainable Development Goals and show the status of the Scout movement and its effective role in all fields.					
23	Scout leaders contribute to the promotion of a better world for young people and the elimination of all types of excellence among all people and achieve what the founder of the Scout movement called for					
24	Scout leaders participate in humanitarian relief campaigns such as supporting displaced people during terrorist operations, earthquakes and others					
25	Revealing leaders embody the concept of belonging to the group, homeland and living in peace					
#	SecondThe environmental dimension					
26	Scout leaders contribute by printing posters and banners to raise awareness and spreading them in public and private places.					
27	Scout leaders participate in volunteer hygiene campaigns within cities or within					

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	schools.					
28	Implementing the Scout Law in preserving the environment and preventing the unfair cutting of trees.					
29	Revealing leaders contribute to reducing waste production through recycling and reuse.					
30	Scout leaders conduct volunteer campaigns to protect animal and plant species from the threat of extinction in marsh areas and rural areas.					
31	The Scouting Media Committee seeks the expertise of media professionals to enhance cultural and professional awareness among its members.					
31	Scout leaders introduce Scouts and the community to preventive strategies aimed at maintaining the health and safety of the body both physically and mentally through Scout courses and activities.					
32	Scout leaders are keen to reduce the risk of disasters resulting from environmental pollution by conducting a series of events and activities to raise awareness of the importance of the environment and preserve it.					
33	Scout leaders participate in Scout marches to celebrate healthy walking day.					
34	The revealing leaders contribute by holding workshops and seminars aimed at educating the community on correcting wrong eating habits and how to live in a healthy way					
35	Revealing leaders are working to prevent projects that pollute water and air that cause damage to fertile soils and destroy the environment.					

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36	The revealed leaders contribute to the holding of various activities and events to reduce the significant change in the stability of the global climate and the destruction of the ozone layer					
37	Scout leaders participate in prevention campaigns and community awareness of the phenomenon of drug abuse and others					
#	Fourth: The technological dimension					
38	Scout leaders conduct specialized seminars and lectures in various fields of technology in order to satisfy the needs of technical and professional age stages.					
39	Scout leaders contribute to the use of electronic technologies in the educational aspect through Scout activities and events.					
40	Revealing leaders are constantly looking for new technological systems with social and economic acceptance.					
41	Scout leaders raise awareness of the importance of modern technologies in the development field through scouting activities and programs.					
42	Scout leaders contribute to providing the speed of communication, sending and receiving information and communicating remotely..					
43	Scout leaders are interested in the need to use technology in the process of scientific explorations and scientific research					
44	Scout leaders use the internet and e-mail to conduct Scout dialogues in electronic forums.					
45	Scout leaders use information and communication technologies that adopt viable and sustainable methods and methods.					

46	Scout leaders promote capacity building in various sciences and technologies, innovation and creativity to raise their scientific and knowledge level.					
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