

Effect Of Education As Social Factor To The Ecological Health In Locality Of Khartoum

Inam Khalid, Ibtisam M. Ahmed and Nashwa Bakheet

Institute of Family Studies and Community Development, Sudan University of Science and Technology, Sudan

Abstract

Recently, the phenomenon of solid waste in the roads, which effect the health of ecology in Sudanese society has becomes a social problem for all people of the Sudan, especially in Khartoum locality. The responsibility of health of ecology not only by government but also the society, Society must have a high Environmental concern. Therefore the sociological factors that affect the health of ecological or environmental concern must be identified. The objective of this paper is to find the relation and effect between the education as social factor and independent variable, with the health of ecology in Khartoum locality as depends variable. We constructed our questionnaires which include questions involve education factor and the health of ecology in Khartoum locality so as to find the relation and effect between them. After that we used computer program and data analysis Regression with SPSS to find the result

We found, that the education factor effective positively with 71%, to the health of ecology. Also there are some hidden factors unrelated to our paper such as ,disaster, wars and so on as a natural phenomena are affect to health of ecology by some percentage which cannot be measured, We also found some results and recommendations for this study, which was stated at the end of our paper.

Keywords: Health of Ecology, , Khartoum locality , education Factor

Date of Submission: 05-06-2021

Date of Acceptance: 19-06-2021

I. INTRODUCTION

Mankind, through his power to transform his environment accelerated some change in the balance of nature. The result is frequent exposure of living to the dangers. The declaration of the United Nations Conferences on Human Environment organized in Stockholm in 1972 proclaimed to defined and improve the environment for present and future generation has become an important goal for mankind .

Education as the social factor utilizing the finding of science and technology should play an important and leading role in creating awareness and a better understanding of health ecology problems. Also one of the ways to improve the quality of life is by saving attention to ecology issues. The man has duty to be aware of our environmental sustainability and protection (Yaghoobi, 2003). One of the most important people for saving and protection of the nature is educated one

II. LITERATURE REVIEW.

Madsen (1996) explained that environmental awareness as necessary to achieve environmental protection and restoration. Athman and Monroe (2000) also stated that Environmental awareness of processes and systems play an important role in Environmental Education.

Zarrintaj and other (2011) also found that there are relation between level of education and environmental awareness. They concluded in their study and found significant relation between education and environmental awareness and environmental knowledge. In this study we examine the effect and relation between education as social factor and health of ecology in Khartoum Locality.

Zuber Angkasa (2017) also said in this result if we need to increase level of environmental awareness or concern, sociological intervention is required. Also he said that the government should strengthen the environmental education curriculum so as to encourage the younger generation to be concern with the environment and to reduce environmental impact with their residence.

Solid Wastes in Khartoum locality include domestic, commercial and industrial wastes. After independence, national governments adopted the philosophy of promoting industry to diversify the economy of the country. The expansion of industries and other activities has resulted in many urban solid wastes in quantities and in qualities that exceed the capacity of cities and municipalities to manage. In this paper we try to study the effect of education as social factor to the ecological health in Khartoum locality area

III. METHODOLOGY

This study collected data and source from respondents people or citizen in the locality of Khartoum area. The data represent the randomly selected by three units of our area. To avoid someone represent more than one family. The total sample was 278 respondents. After a pass from validity and reliability, validity and reliability process of data using SPSS software executed after data collected from respondents by questionnaires. The Likert scale measurement was used for every statement for ecological health on 5 points scale for strongly Agree, 4 points for Agree, 3 points for Do not know, 2 points Disagree and one point for Strongly Disagree. The questionnaire includes information concerning independent factor level of education and depends one which is ecological health. The main Section of our questionnaires includes five statements concerning ecological health and every statement has five scales. The Calculation of reliability using Cranach Alfa shows the reliability of 0.60.

Table .1 Education level of our Respondents

Level of education	Number	Percentage
Primary school	23	8.2%
Higher school	64	23%
Higher Diploma	45	16.4%
Bachelor	112	40.2%
Postgraduate	34	12.2%
Total	278	100%

The table above shows that the level of bachelor is highest one, which is equal 112 respondents with 40 percentages.

IV. RESULTS

The following Table 2 shows the effect of education as social factor to the ecological health concern.

Table .2 Relations between Education and Health of Ecology

Our Model	Sig.	F	Mean Square	df	Sum of Squares	Relation
Regression	0.00	50.784	13.325	10	13.325	0.87
Residual			0.262	267	19.155	Effect
Total				277	32.480	0.71

Table 2 shows that the level of significance is equal 0.00 and this less than 0.05 , This indicate that the education as social and independence factor effective to the ecological health by 71% and has relation by 87%

V. CONCLUSIONS

In this paper we studied the effect of education as social factor to the ecological health by statistical Regression method. In the first step we collected data by questionnaires method from total of 278 respondents from specific area called locality of Khartoum to make our study. After that we make our analysis using computer with SPPS program and regression method .We found that the education as social and independence factor effective to the dependent factor ecological health and has relation between them. The future work will be for other social factors such as Media, Culture, economic in comes as independents variables to find the relation with ecological health.

ACKNOWLEDGEMENTS

Researcher would like to thank Institute of Family Studies and Community Development at Sudan University of Science and Technology, Sudan. For support and helping to published this manuscript. We also thank go to my Husband Dr Abdelaziz Hamad for helping in writing and discussion Statistical method for this paper

REFERENCES

- [1]. R. Bechtel & Churchman, A. (Eds.).(2003). Handbook of environmental psychology. John Wiley & Sons
- [2]. S. Clayton., Myers, G. (2015). Conservation Psychology Understanding and Promoting Human Care for Nature. John Wiley and Sons,
- [3]. M. Bodur. Sarigollu, E. (2005). Environmental Sensitivity in a Developing Country: Consumer Classification and Implications. *J. Environment and Behavior*, **37** (4), 487-510,
- [4]. Madsen P. (1996). What can universities and professional school do to save the environment, Earth Summit Ethics. New York press, 72-91.
- [5]. T. Milfont, L. & Duckitt, J. J. (2004). *Environmental Psychology*, **24**, 3,
- [6]. L. Zelezny, C. Chua, P. P. & Aldrich, C. J. (2000). *Social Issues*, **56**, 3.
- [7]. M. Floyd. Race, (1999) . Ethnicity and Use of the National Park System. *Social Science Research Review*, 1(2).
- [8]. J. Porter, R & Howell, F. M. (2012). *Geographical sociology: Theoretical foundations and methodological applications in the Sociology of location* .Springer Science & Business Media, 105
- [9]. Z. Angkasa (2017) ,Effect of socioeconomic status and institution of the environmental concern level , *Web of Conferences*, 101, 04015.
- [10]. Zarrintaj and other (2011). Influence of age and level of education on environmental awareness and attitude: Case study on Iranian students in Malaysia Universities. *Social Science* 6(1),15-19.

Inam Khalid. "Effect Of Education As Social Factor To The Ecological Health In Locality Of Khartoum." *IOSR Journal of Humanities and Social Science (IOSR-JHSS)*, 26(06), 2021, pp. 15-17.