

AWARENESS OF SUSTAINABLE DEVELOPMENT AS RELATED TO SOCIAL CHANGE IN CHANDIGARH

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Abstract

It is rightly said that man is not creature of circumstances but circumstances are creature of men. This study was conducted to assess the awareness of sustainable development as related to social change. The main purpose of the study to find out the correlation between sustainable developments and social changes. The study was conducted on a sample of 100 senior secondary school students in different Govt. and Private school by using random sampling. The major finding of the study was that there exist significant correlations between different area of sustainable development and social change.

Introduction

Between the primitive age and the modern age, man has covered a long distance. Man's march from primitive age to the modern age is often described as the process of growth and development and from this process the various changes occur in the society.

It is not denying the fact that economic development may cause excessive exploitation of natural resources. The earlier man during the evolution stage of human beings, they put no stone unturned to sustain their life. In this pursuit, they made various different developments. But in today's scenario, they have made so many developments that they are entrapped in that. These changes which are occurring from developments have become uncontrollable for them. Now they have reached to such a stage that they are not able to sustain their life only for which they left no effort to be made as a result they have development in their hands but the life is going away from their hand to enjoy those development. Singh (2014) stated that water minerals cannot each to us while we are using mineral water. Down to Earth (2014) described that rising carbon dioxide level is lowering the nutritional quality.

Significance of the Study

There is a close relation of education with society. Education is a means as well as a product of social change. Education is expected to change the attitude and values of resources and is necessary motivation for positive social change. Any kind of awareness can be easily spread through education whether it is awareness regarding sustainable Development or any other. Copensagen and Arahus (2012) found that cycling and walking to school increases the concentration ability of the students in the classroom. It leaves a deep impression on the people's mind therefore teachers can make significant contribution to the society and nation by building the character. Through education we can reshape the society.

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Objectives of the Study

1. To study awareness of sustainable development among senior secondary students.
2. To study the awareness about effect of social change.
3. To find out co-relation between awareness of sustainable development and social change.

Hypothesis of the Study

1. There exists no significant co-relation between awareness of sustainable development and social change.

Sample

The present study was conducted on a sample of 100 students of senior secondary stage of different govt. and private school of Chandigarh.

Tools

Following tools were used to conduct the study:

1. Sustainable Development Awareness Scale (prepared by the investigator herself)
2. Social Change Awareness Scale (prepared by the investigator herself)

Statistical Techniques

After the collection of data, scores were further subjected to statistical analysis viz. frequency distribution, the measure of central tendency, median, standard deviation were worked out. Skewness, Kurtosis and their standard errors were worked out to see the general trend of departure of the sample distribution. After the classification of data, it was arranged in the form of tables. The main objective was to make results of the enquiry clear and to express the data in minimum space.

Results and Discussion

Table 1 Showing Coefficient of correlation between Awareness of Sustainable Development and Social Change

(Total Sample =100)

Variable	Correlation
Sustainable Development	0.483**
Social Change	

** Correlation is significant at 0.01 levels (2 tailed)

*Correlation is significant at 0.05 levels (2 tailed)

Degree of freedom = 98

Table value at 0.05 level = 0.195

Table value of 0.01 level = 0.254

The table 1 shows that there is significant correlation between awareness of sustainable development and social change because the table values at the degree of freedom 98 are at (0.05 = 0.195) and at (0.01 = 0.254) which are less than our calculated value. So we reject our null hypotheses at 0.01 and 0.05 because our calculated value is greater than table value which shows that there exists close correlation between sustainable development and social change.

Discussion and interpretation based on correlation (Table 2) between awareness of sustainable development and dimensions of social change

Sr. No.	VARIABLES	CORRELATION	SIGNIFICANCE (two-tailed)
1.	Sustainable Development and change in food habit	0.637**	Significant at 0.01
2.	Sustainable Development and Modernization	0.586**	Significant at 0.01
3.	Sustainable Development and change in weather	0.409**	Significant at 0.01
4.	Sustainable Development and change in drink	0.598**	Significant at 0.01
5.	Sustainable Development and technological change	0.663**	Significant at 0.01
6.	Sustainable Development and health care	0.553**	Significant at 0.01

**** Coefficient is significant at 0.01 levels (2-taild)**

Degree of freedom = 98

Table value at 0.05 level = 0.195

Table value of 0.01 level = 0.254

The table 2 shows that there is significant correlation between awareness of sustainable development and different dimensions of social change because the computed values are more than the table values at 0.01 and 0.05 levels of significance at 98 degree of freedom. So we reject our null hypotheses at 0.01 and 0.05. which shows that there exists close correlation between sustainable development and different dimension of social change.

Discussion and interpretation based on correlation (Table 3) between social change and dimensions of sustainable development

S.R. NO.	VARIABLES	CORRELATION	SIGNIFICANCE (two-tailed)
1.	Social change and Environment	0.607**	at 0.01
2.	Social change and Resources of Energy	0.726**	at 0.01
3.	Social change and Agriculture	0.400**	at 0.01
4.	Social change and Technology	0.370**	at 0.01
5.	Social change and Health	0.691**	at 0.01
6.	Social change and Waste Management	0.296**	at 0.01

**** Coefficient is significant at 0.01 levels (2-taild)**

*** Coefficient is significant at 0.05 levels (2-taild)**

Degree of freedom = 98

Table value at 0.05 level =

0.195 Table value of 0.01 level

= 0.254

The table 3 shows that there is significant correlation between awareness of social change and different dimensions of awarness of sustainable development because the computed values are more than the table value at 0.01 and 0.05 levels of significance at 98 degree of freedom. So we reject our null hypotheses at 0.01 and 0.05 which shows that there exists close correlation between social change and different dimension of sustainable development

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Findings and Conclusion

1. Correlation between sustainable development and social change is significant.

2. There exists significant correlation between sustainable development and dimensions of social change.

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3. There exists significant correlation between social change and dimensions of awareness of sustainable development.

References

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