

Assessing the Awareness about the Climatic Changes and Affects the Environment

B. Sudhakar

Assistant Professor, Dept. of Agrl. Extension, Faculty of Agriculture, Annamalai University,
Tamil Nadu, India

Abstract

Climate change was emerged as one of the devastating environmental threats. Impacts on human and natural systems are predicted to be severe due to global climate change. Many of the causes of climate change are anthropogenic in nature through lifestyles, consumption and choices that pollute and exploit resources in an unsustainable manner might impact was amassed and it has become clear. It is essential to assess awareness about climatic changes and affects the environment in the public. The response to this issue, present survey was conducted with objective by assessing the awareness about climatic changes and affects the environment among graduates residing in the Chidambaram town.

Key Words: *Climatic Changes, Environment, lifestyles, consumption.*

Introduction

Global climate change affecting the human and natural systems is predicted to be very severe in the environment. The impact continues to be amassed and become clear that many of the causes of climate change are affect the natural lifestyles, consumption and choices that pollute and exploit resources in an unsustainable manner. It is predicted that it will have detrimental effects on agriculture and fisheries and may even result in devastating the entire ecosystems (Nichols A *et. al.*,2009). To sensitize the general population regarding global warming there is an urgent need to concentrate on climate change issues in global level (Pandve H 2007). To prevent harmful corollaries from climate change to individuals and society at large strategic action is required both from individuals, public and private sectors. To address the climatic changes issues need of adaptation, vulnerability and coping in developing nations as these have most of the world's urban population, high-risk urban sites, and the largest deficiencies in adaptive capacity (Rishi, 2011). It affects both the social and environmental determinants of health, clean air, safe drinking water, sufficient food and secure shelter. From the year 2030 to 2050, changes in climate will be expected to cause approximately 2,50,000 additional deaths per year through malnutrition, malaria, diarrhoea, heat stress etc. In developing countries, areas with weak health infrastructure will be the least able to cope without assistance to prepare and respond. Through better transport, food and

energy-use choices can result in improved health, particularly through reduced air pollution in the areas with weak health infrastructure.

To address the climatic changes issues worthfully, it is essential to assess awareness regarding climatic changes and affects the environment in the general population. In this issue, the present survey was conducted with the objective to assessing the awareness about climatic changes and affects the environment among graduates residing in the Chidambaram town.

Objectives of the study

To study the awareness of climate changes and affects the environment among science graduates

Research Methodology

The study conducted in Chidambaram town. Totally 100 respondents were selected for the study. Those who graduate in science degree were selected as respondents. The study was conducted by using well prepared and pre-structured interview schedule to the respondents.

Results and discussion

Table 1. Distribution of Respondents about the Awareness of Climate Change and Affect the Environment

S.NO	ACTIVITIES	Number	Percentage
1	Awareness about climatic changes	78	78.00
2	Awareness about environmental pollution	100	100
3	Awareness about types of environmental pollution	92	92.00
4	Climatic changes create natural disasters	67	67.00
5	Climatic changes indulge the environmental pollution	62	62.00
6	Awareness about ozone layer and its importance	60	60.00
7	High temperature increase the size of ozone holes	59	59.00
8	Aware about increase the temperature leads to rise in the sea level	52	52.00
9	Aware about the climatic changes causes floods, droughts, cyclone etc in the universe	73	73.00
10	Aware about the Government schemes for control environmental pollution	22	22.00
12	Aware about climatic changes outbreak of pest and diseases to crops in the field	20	20.00

From the Table 1 inferred that 100 per cent of the respondents were awareness about environmental pollution. As science graduate as respondents was fully aware of environmental pollution as studied in their syllabus. This was followed by 92 per cent awareness about types of environmental pollution, 78 per cent awareness about climatic changes, 73 per cent aware about the climatic changes causes floods, droughts, cyclone etc in the universe, 67 per cent of the respondents aware about the climatic changes create natural

disasters, 62 per cent aware about the climatic changes indulge the environmental pollution, 60 per cent awareness about ozone layer and its importance, 59 per cent aware about high temperature increase the size of ozone holes and 52 per cent aware about increase the temperature leads to rise in the sea level. In general, the students graduate from science streams were general awareness about climatic changes and environmental pollution in most of the concepts by more than 50 per cent of the respondents.

From the Table 1 discussed that only 22 per cent respondents were aware about the Government schemes for control environmental pollution, followed by 20 per cent aware about climatic changes outbreak of pest and diseases to crops in the field. This might be due to the facts that not only students, the general public not aware about the Government policies, procedures and schemes for control environmental pollution that caused the increase the temperature in earth. Another important one, the climate changes outbreak of pest and disease to crops in the field were only 20 per cent aware about these problems. This might be due to the fact that the students not interested on cultivation of crops as to support their parents who engaged the farming activities.

Conclusion

Climatic changes and environmental pollution are the relevant and inter-related terms in the environment. That is the challenge to Government to rectify the issues. This research paper highlighted the awareness of students about the major factors that causes climatic changes in the environment. These issues not only in India, but throughout the world this is the burning issues. In future after 50 years human being cannot live in the earth unless otherwise control the environmental pollution. Now Central Government have undertake many steps to control the environmental pollution, but only few are implemented remaining are in paper only. Government should take necessary steps to stop the environmental pollution by the way of awareness campaigns, training, advertisement in TV, Newspapers, seal the factories of those polluting the environment, control the dumping of plastics in the earth etc.

References

1. Nichols A, Maynard V, Goodman B, Richardson J. Health, climate change and sustainability: A systematic review and thematic analysis of the literature. *Environ Health Insights*. 2009;3:63–88.
2. Pandve H. Global warming: Need to sensitize general population. *Indian J Occup Environ Med*. 2007;11:86–7.
3. Semenza JC, Ploubidis GB, George LA. Climate change and climate variability: Personal motivation for adaptation and mitigation. *Environ Health*. 2011;10:46.
4. Rishi P, Omprakash MD, Mudaliar R. Behavioural mapping of Indian urban settlements towards changing climate: an empirical study. [Last cited on 2011 Oct 1]. Available from: <http://climsec.prio.no/papers/norway%20full%20paperfinal.pdf>.