

ABSTRACT

A cross sectional descriptive study regarding awareness on climate change and impacts on health was conducted at University of Nursing, Yangon. Data were obtained from 1st year, 2nd year and 3rd year students at University of Nursing by using pretested self administered questionnaires. Students were selected by systematic sampling. SPSS version 16.0 was used for data management and analysis.

Respondents' age ranged from 16 to 20 years aged group and majority were female. Majority of respondents knew climate change is a serious problem of the world and recognized the global warming, understood that climate change is change in atmosphere due to natural and human activities and a few recognized that global warming is caused by greenhouse gases. Regarding knowledge on causes of climate change, using fossil fuel was well known by majority of respondents. Greenhouse gases except CO₂ were not known by most of respondents. Most health problems were well known except diarrhea due to dryness of water sources and gynaecological cancer by using insecticide. Most of the respondents knew the mitigation measures except minimizing / not using air condition and choosing to buy compact florescent lamps. Most respondents got more information from TV/ Radio, newspaper, magazine/ journal, internet , friends / family than education talk. Although two third of respondents had awareness on climate change and impacts on health, over one- third to about half of the respondents had low level of knowledge, negative attitude and poor practice. Significant association between age and knowledge levels of respondents on climate change; between education level and attitude of respondents on climate change ; between knowledge level and practice of respondents; between attitude and practice levels of respondents.