

ABSTRACT

The study aimed to determine the level of awareness and perception on climate change and its mitigation measures among high school students in Basic Education High School Tada-U. Cross-sectional analytic study was done on high school students in B.E.H.S Tada-U in 2015. The sample consisted of 330 high school students who were selected by simple random sampling to get required sample size for the study. Semi-structured self-administered questionnaire consisted of knowledge and perception about climate change, its causes and impacts and mitigation measures for climate change was used to collect data. The mean age of students was 14.79 years with standard deviation of 0.7. More than half of students were female students. Two third of the students were residing in rural areas and the other one third in urban areas. The results showed that the level of knowledge on climate change among high school students was low in three fourth of the students, however, two third of the students had positive attitude on climate change. Significant association between age and level of knowledge was detected. Gender, grade, permanent residence and level of knowledge were not related in this study. Moreover, no significant association was not detected between socio-demographic characteristics and attitude on climate change. High knowledge level was significantly associated with positive attitude in this study. A large number of respondents received information from television and radio, however, significantly higher knowledge level was seen in students getting information from newspaper, journal, school curricula, friends and family. Personal experience of natural disasters had not been contributed to high knowledge level in this study. The study concluded that it was necessary for the students to be more aware on climate change to be able to prepare and to adapt to its impacts to environment and health problems.