**WATER FOOTPRINT IN THE PANDEMIC PROCESS**

**Dr. Elvan Beyhan1**

1MEB / Gebze STFA Mesleki Teknik Anadolu Lisesi (Gebze Bilsem )

(elvanbeyhan71@gmail.com)

Global warming causes drought, decreasing rainfall, and decreasing water in chamber dams. If awareness can be achieved in young people even on this subject, a long way will be achieved. This will be achieved with the common goal of interdisciplinary cooperation in courses such as science, geography and mathematics. Human activities, the part that we can control, has a large share. These activities: These are the habits that people gain in their daily lives to do many tasks efficiently and quickly.The fact that individuals do not use sustainable solutions in washing dishes, cars, carpet washing, garden irrigation water, they do not have an ecological perspective, and excessive water consumption will also lead to a growth in the water footprint. In addition, unnecessary shopping encourages the consumption of water used in industry and production. After learning about the water consumption in the production of a textile, differences in point of view are noted. Young people who learn these measurements will be more conscious of environmental awareness and water consumption.In this study; The water footprints of individuals and their families before and after the pandemic were compared on an annual basis. "What is the change in the water consumption amount of families with the concern of cleaning and sanitation during the pandemic?" Education made by searching for answers to questions such as, made Science Lessons more effective and instructive.

In this study, the effects of the human factor (water footprint) on the problems of the continuity of global warming and the reduction of freshwater resources were presented to 70 (10-14 age group) Gebze Bilsem students by conducting a water footprint measurement and seminar study.

Carbon footprint difference in the families of the students before and after the pandemic within the Science, Visual Arts, Music and Biology course was calculated on an annual basis using the data processing system at "http: //www.yarınınsuyu.com". In this way; They have obtained detailed information about the amount of water in dams and the decrease in fresh water resources, the human impact on them and what they can do. A more permanent learning is provided with the principle of learning by doing and experiencing.

According to the results of the study, 1) Developing nature awareness in the education of the new generation, instilling love of nature in students, 2) Sensitive to climate change, struggling against the effects of global warming 3) Sensitive to the reduction of fresh water resources, 4) Promising to reduce water footprints, 5) Rather than egocentric, nature-loving, developed sense of responsibility 6) Knowing the reasonable measures of sanitation, 7) Maintaining the diversity of living beings, raising sensitive generations, etc.

After all; It has been made possible for the person to realize that the reduction in dams increases even by extending the sanitation disinfection period. By calculating the changing water footprints of the students who went through the pandemic process, they were made aware of the human impact in the cycle of nature.

**Keywords:** *fresh water resources, water footprint, global warming, sanitation, bilsem students.*