



GLOBE BAHRAIN Achievements for the academic year 2016-2017

The Center for Science and Environment at the Ministry of Education in the Kingdom of Bahrain organizes many activities for teachers and students from schools participating in the Center's programs, including the GLOBE Program, in order to develop their scientific skills and to identify environmental issues and promote environmental awareness, As well as enriching educational curricula in innovative ways away from indoctrination and conservation, and the most important activities that have been achieved are:

Training workshops on GLOBE protocols

A training workshop on Atmosphere and phonology protocols was held on Tuesday, 18 October 2016 from 9 am to 1:30 pm at the Science and Environment Center at the Ministry of Education in Isa Town, The workshop included a theoretical aspect in which the trainers Abdul Hamid Hamid and Halima Nasser discussed the importance of the protocols and how they were implemented in the school. The participants were then distributed to groups to implement the practical aspect. The workshop was attended by about 40 students and teachers from 11 secondary schools .



Training workshop on carbon footprint

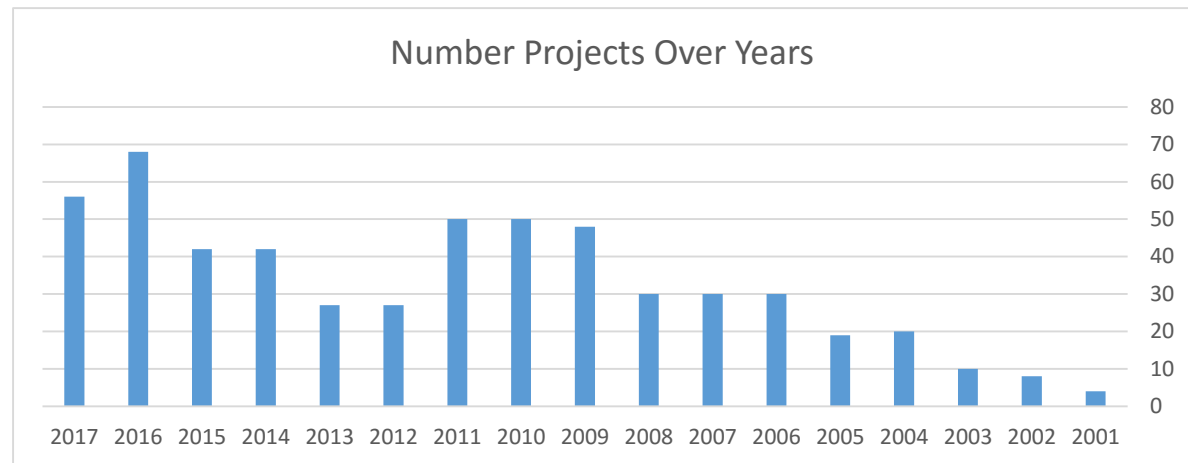
A training workshop "*Carbon Footprint Calculation in the Schools of the Kingdom of Bahrain*" was held on Monday, October 3, 2016 at the Science and Environment Center at the Ministry of Environment in the city of Isa, at 9:00 am to 12 noon. The workshop was presented by Dr. Hanan Mubarak Al-Buffalas Assistant Professor of Physics at the University of Bahrain, where she trained the participating teachers on the electronic calculator for the carbon account, which was specifically designed for application in the schools of the Kingdom of Bahrain.



The annual competition "Future Scientists"

The Science and Environment Center at the Ministry of Education organized the National Contest for Future Scientists at its thirteenth session for the academic year 2016-2017 for students of public and private schools for all primary, preparatory and secondary levels. The competition title for this academic year is Science for Sustainable Environment. The competition aims to create a generation capable of competing locally and globally in the field of scientific research, thus contributing to the support of the knowledge-based economy in our beloved Kingdom, as well as promoting the spirit of cultural exchange and social interaction between students and the public,

The number of participating projects has grown as follows



The competition goes through stages as follows:

Initialization stage

Workshops and lectures were organized to prepare students and teachers to participate in the competition. They were trained on the basis of scientific research and innovation. They were also introduced to the latest developments in the field of scientific research and innovation, and helped them to select or identify topics of research or innovation. In East Riffa on Tuesday and Wednesday 4 and 5 October 2016 from 7:30 am to 1:00 pm in the presence of 200 teachers and students from participating schools, and those who contributed to the preparation are:

- Supreme Council for Environment
- Bahrain University
- Bahrain Youth Society Inventors
- Gulf Petrochemical Company (GPIC)
- Association of Engineers
- Ministry of Labor and Social Development
- Bahrain Society of Researchers and Inventors.
- Petroleum Development Company.



-Initial arbitration of projects

A committee composed of local university professors and experts from various agencies evaluated the scientific projects. The project idea and detailed work plan were presented by the participating students to the committee to select good projects and projects with new and distinctive ideas to enter the second stage of the competition.:

- The primary stage on 19 October 2016 at the Center for Science and Environment.



- The preparatory stage on October 20, 2017 at the Science and Environment Center .



- The secondary stage was held on 24 and 25 October 2016 in the conference hall of the Sheikh Khalifa Bin Salman Institute

-Final arbitration of projects

In the third phase of the competition, all scientific projects have been evaluated by the jury composed of university professors and specialists from the Ministry of Education and other relevant bodies in order to select the winning projects in the first three winners for each study stage. Whether innovative or scientific research before the Commission, and that was during the month of February 2017.

" -Future Scientists" Exhibition

In the final stage of the competition, a scientific exhibition was held in which all scientific projects were presented. The exhibition was held during the period 21-23 March 2017 at the Essa Cultural Center and was opened by His Excellency the Minister of Education Dr. Majid bin Ali Al Nuaimi. Participants presented their studies and innovations to the Minister of Education and the directors and heads of departments in the ministry, as well as guests from various institutions and institutions in the Kingdom. The exhibition was open to school students and parents for three consecutive days. On the third day, Honorable by the Minister of Education. The winning projects were also announced and gifts and memorial shields were presented to the winners .



Environmental Student Camps (GLOBE Green March)

The Center for Science and Environment at the Ministry of Education in the Kingdom of Bahrain annually organizes environmental camps for the students of the Center's member schools. It is held in natural environments and reserves in the Kingdom of Bahrain, chosen according to the theme of the event. It aims at developing educational and enrichment curricula that focus on developing the thinking and creativity skills of our students. As follows:

-The GLOBE team organized in cooperation with the Ministry of Interior the "Our Children in Our Eyes" event on the occasion of the International Children's Day, in the Duha Arad Nature Reserve, from 22 to 24 November 2016 from 8 am to 1 pm. Activities include educational activities, The aim is to raise children's environmental awareness and build their capacity to solve problems, as well as develop their teamwork spirit.



-Participation in the environmental festival organized by the Supreme Council for the Environment on the occasion of the World Environment Day, which falls on the fifth of June under the slogan "contact with nature" and in conjunction with the global campaign "for a clean seas", from 8 to 10 May 2017 in the park and the reserve of Doha From 5am to 9pm.



- Participate in the cleaning campaign in the camping area in Sakhir, in cooperation with the Supreme Council for the Environment on the occasion of the Wildlife Day of the Gulf Cooperation Council, at 9 am on Saturday, 31 December 2016.



-Celebration of World Earth Day, On April 21 of each year, and the theme of this year's GLOBE program "Application of the Cloud Protocol", where the GLOBE affiliated schools celebrated the preparation and organization of activities related to the theme of the celebration, from 23 to 27 April 2017, represented in the application of the protocol through art paintings, filming, scientific experiments, recreational educational and other games. The schools were also visited by the GLOBE national coordinator and members of the program and media specialists in the ministry to provide media coverage.

