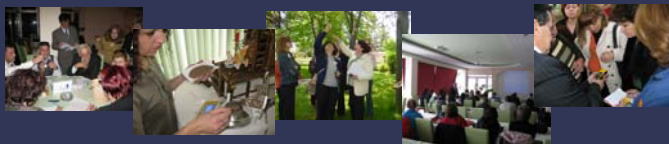


GLOBE activities

Yearly:

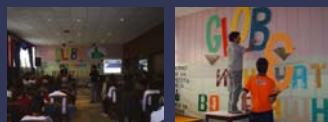
- two GLOBE seminars (basic and advanced)



- meeting/competition of GLOBE schools



- GLOBE parade of the occasion of 10th anniversary of the implementation of the GLOBE Programme in Macedonia



- 3 new schools included
- GLOBE newspaper
- GLOBE calendar



During the 2008 the Ministry of Environment and Physical Planning has prepared and printed out the GLOBE Teacher's Guide in Macedonian language available to all teachers and students and published to the new web site - GLOBE Programme.



GLOBE achievements and participation in other projects

In order to recognize and support the hard work of the students across the world within the GLOBE Programme, the GLOBE scientists give the special "Chief Scientists Honor Role" award to the schools that have delivered data from more than 500 measurements during one year.

By using the measurement data within the GLOBE Programme, the students participate in international competitions and prepare special projects for certain subjects (physics, chemistry, biology, art etc.)



GLOBE international cooperation

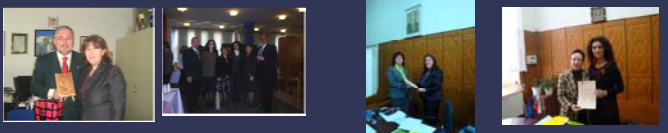
GLOBE schools in Republic of Macedonia in general have very good cooperation with the schools from Croatia. School representatives participated to joint meetings where they had an opportunity to exchange the experience regarding the implementation of the GLOBE Programme and to agree upon further joint activities. The teachers from Croatia participate as lecturers to the seminars of the advanced protocols. Also, joint blog was established used for exchange of the experience between the students and the teachers from both Countries.



GLOBE partnership

On international level the school in Prilep is fraternized with the school in Labin, Republic of Croatia and with the school in Asenovgrad, Republic of Bulgaria. Both schools in Bitola and Skopje are in negotiation phase of fraternization with schools in Croatia.

GLOBE schools in Republic of Macedonia have good mutual cooperation, exchanging experiences and inviting the new schools to participate to the measurements done by the schools that are more experienced and longer included in the GLOBE Programme.



How to become a member of the GLOBE family

For one school to become GLOBE school, it is necessary to fulfill certain preconditions:

- To express interest for implementation of GLOBE Programme by written request to the Ministry,
- To possess separate GLOBE space and Internet access,
- To have at least one trained GLOBE teacher,
- To conduct regular, accurate and correct measurements, and provide data input in the GLOBE database via Internet.

Contact:

Ministry of Environment and Physical Planning
Macedonian Environmental Information Center

Address: Blvd. Gace Delcev bb, 11 floor, 1000
Skopje, Republic of Macedonia

Telephone/Fax: 3220-165

E-mail: info@moepp.gov.mk

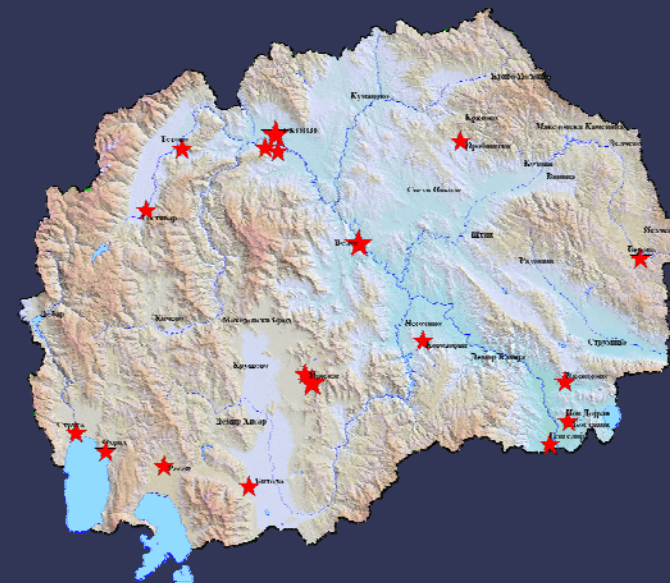


GLOBE

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ГЛОБЕ ПРОГРАМ НА МАКЕДОНСКИТЕ РЕПУБЛИКАНИ ШКОЛИ

Implementation of GLOBE Programme in Republic of Macedonia



GLOBE schools in Macedonia

2009

Macedonian Environmental Information Center

WHAT is GLOBE?

Global Learning and Observations to Benefit the Environment

GLOBE is a worldwide science and education program coordinating the work of students, teachers, and scientists to study and understand the global environment.

GLOBE has created international network of students from primary and secondary schools to study the environmental problems, by conducting different measurements in the environment and exchanging useful environmental data mutually and with the international scientific union.

GLOBE Program was introduced in 1994 by U.S. Vice President Al Gore and officially began operations on April 22, 1995, on the 25th Earth Day.

GLOBE is international partnership between Countries all over the world.. The Program is lead by the U.S. Government, through partnerships with other countries.

So far, the Program comprises over 100 countries with more than 10 000 schools.

The GLOBE goals are:

Increase environmental awareness of individuals throughout the world.

Contribute to scientific understanding of the Earth.

Help students everywhere to reach higher standards in science and mathematics.

GLOBE builds excitement about science, math, and advanced technology among young people. Students conduct valuable scientific work and immediately see the results of their studies.



GLOBE`s Strength is in Partnerships

Students conduct hands-on experiments that have real scientific significance. They learn hoe their local observations, together with those of other students and scientists around the world detail an environmental picture of the globe.

Teachers around the world instruct students on how to take measurements, help students understand the relevance of their observations, and explain the significance of the global visualization.

Scientists and students analyze the data in conjunction with information obtained from other sources. **GLOBE`**s environmental observations help provide a better understanding of the Earth.

Nations around the world enroll their schools in **GLOBE** to enhance global environmental awareness and global data collection.

Organizations and programs that support environmental education and science activities join in cooperative efforts with **GLOBE**.

GLOBE in Macedonia:

Macedonia is an interesting area for environmental observations, and in that sense, for **GLOBE** Program development. Thus motivated, the Republic of Macedonia and the US **GLOBE** Program, acting through the Ministry of Education and Physical Culture of the Republic of Macedonia and US National Oceanic and Atmospheric Administration, respectively, concluded Agreement for Macedonia's accession thereto, on August 24, 1998.

Activities concerning the **GLOBE** Program implementation are carried out by the Ministry of Environment and Physical Planning trough the Macedonian Environmental Information Center and the Ministry for Education and Science.

During the period of the implementation of the **GLOBE** Network in Macedonia great interest was raised among students and teachers for participation in the Programme. So far we have included 18 schools, from which 13 secondary and 5 primary schools. Only in the last two years 5 new schools were included.

So far we have organized seven **GLOBE** seminars where 71 **GLOBE** trainers were trained to voluntarily implement the Programme in the schools

GLOBE schools in Macedonia:

- ☉ SOU „Goce Delcev“, Valandovo
- ☉ DSU „Ibrahim Temo“, Struga
- ☉ OSU „Aco Ruskovski“, Berovo
- ☉ SOU „Naum Naumovski - Borce“, Probistip
- ☉ SOZSU „Gjorce Petrov“, Kavadarci
- ☉ DSU „Orce Nikolov“, Skopje
- ☉ SOU „Orde Copela“, Prilep
- ☉ SSOS „Dimitrija Cupovski“, Veles
- ☉ OSU „Sv. Kliment Ohridski“, Ohrid
- ☉ SOU „Josif Josifovski“, Gevgelija
- ☉ SOU „Bogdanci“, Bogdanci
- ☉ OSMU „Nikola Stejn“, Tetovo
- ☉ Private International School „International High School“, Skopje

- ☉ OU „Goce Delcev“, Resen
- ☉ OU „Dimitar Miladinov“, Skopje
- ☉ OU „Kiril i Metodij“, Bitola
- ☉ OU „Krume Volnaroski“, s. Topolcani
- ☉ OU „Ismail Kemal“, Gostivar

Main research areas

☉ Atmosphere

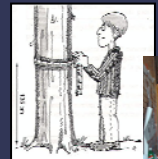


☉ Land cover

☉ Water



☉ Soil



☉ Phenology



☉ GLOBE night

