

# GLOBE In MACEDONIA

**Issue 1 Spring 2000** 

### The Globe Family is Growing

The GLOBE program in Macedonia will be nine members strong, following the conference in Berovo where teachers from four new schools will be trained in the GLOBE protocols. We welcome these new schools in Berovo, Probistip, Skopje, and Strumica and look forward to the upcoming year and increased cooporation and exchange between all GLOBE schools within Macedonia.

In order to foster such exchange we encourage all GLOBE instructors to share with their students the news from the other schools within Macedonia. Networking between all the GLOBE participants allows for an exchange of ideas and for the extension of GLOBE outside of the classroom and into your communities.

Remember you can communicate with all GLOBE schools in Macedonia and around the world through their *GLOBE E-mail accounts* which are accessible on the GLOBE website at: **www.globe.gov.** Also at this site is information on web-chats and other GLOBE activities.

The following is an update on GLOBE in Macedonia.

#### Berovo

"Atso Ruskovski" is a secondary school which will implement the GLOBE Program following the Second National Training Workshop. With support from the instructors Slobadon Pandov, Liljana Jovanovska, Jovanka Peshnahka, and Peace Corps Volunteer Dana Olson.

#### Prilep

"Pero Toshev" is a primary school located in the Village Dupjancani. The GLOBE professors there Zarko Ginovski, Voislav Butrakovski, Lenka Kuzmanoska, Grozda Naumoska work with about twenty students in grades five to eight. "Pero Toshev" has been recognized on the "Chief Scientists' Honor Role" for submitting over 2,000 measurements. See the article "GLOBE Stars" in this newsletter for more information on how your school can be recognised with this honor.

#### **Probistip**

Students in the secondary school "Naum Naumoski" are looking forward to the implementation of the GLOBE Program which will begin after this April's workshop. They will be working with Vlatko Dvojakvsi, Slavcho Nikolov, Dancho Petkov, and Peace Corps Volunteer Heather Malcom.

#### Resen

The primary school, "Goche Delchev," is located in the Lake Prespa region and has about seventeen students working with Krsto Bozinovski, Zlatka Golovodovska, KateNastevska and Peace Corps Volunteer, Rhonda Stanton on the GLOBE program.

#### Skopje

"Dimitar Miladinov" primary school has twenty students working with Svetlana Filipovska, Anka Denkovska, and Peace Corps Volunteer Joellen Reineck. To celebrate the First Day of Spring they created posters of five ecological goals for all students to strive for and posted them in the school entrance. They are currently working on plans for their school garden.

#### Skopje

Following the seminar in Berovo, Sofka Dimitrova and Stefanka Temelkovska will begin implementing the GLOBE program at "Johan Hanriks Pestaloci."

#### Struga

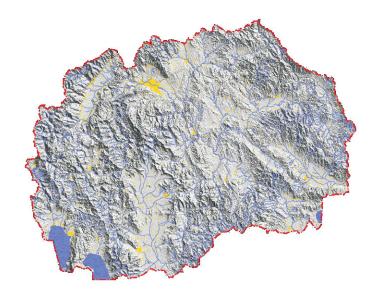
"Niko Nestor" secondary school has been recognized on the GLOBE "Chief Scientist's Honor Role" for their diligent work in submitting data to the GLOBE server. Under the guidance of their instructors Lilijana Kukunesh, NadaStojanova, Aspasija Dimitrovska, Mile Poposki, and Mendi Onazi they have submitted over three thousad measurements.

#### Strumica

"Dimitar Vlahov" is a secondary school that will implement the GLOBE Program following the seminar. Students here will be working with Strasho Daov, Slagana Daova, Nikola Mitev, and Peace Corps Volunteer Paul Woodworth.

#### Valandovo

Students at "Goce Dolchev" working with Milan Gugicev, Nako Kimov, and Stojan Manolev have also been recognised on the "Chief Scientist's Honor Role" for having submitted over two thousand mearsurements!



#### **GLOBE STARS**

The scientists at GLOBE want to recognize the hard work of students around the world. When a school submits over 500 measurements they are recognized on the "Chief Scientists Honor Role."

To date, three schools within Macedonia have been recognized with this honor. We want to congratulate the students and instructors at "Pere Tosev" in Prilep, "Niko Nestor" in Struga, and "Goce Delchev" in Valandovo. These three schools have been recognized by the GLOBE Chief Scientists for their outstanding record of submitting data to the GLOBE Server. To date students from "Pere Tosev" have submitted over 4,000 measurements, students at "Niko Nestor" have submitted close to 3,500 measurements and at "Goce Delchev" close to 2,500.

At "Niko Nestor" in Struga, students collect atmosphere measurements seven days a week, from their weather house. They also collect weekly measurements from the surface water of the river Crn Drim.



Sampling of the water systems at other GLOBE schools throughout Macedonia will be useful in better understanding how Macedonia's waterways are being impacted by environmental changes.

If your school is interested in collaborating on a project about hydrology or wants more information on how the program in Struga has worked in the past. Contact the intsructors and students working with "Niko Nestor's" GLOBE Program.

#### Congratulations to our GLOBE Stars in Macedonia!

("Pere Tosev"- Prilep

4,000 measurements

("Niko Nestor"- Struga 3,500 measurements

("Goce Delchev"- Valandovo 2,500 measurements

# Calendar of Events

April 2000 8th-10th Second National Training Seminar-Berovo

21" Annual Meeting for GLOBE Macedonia-Shopje

22 Earth Day and the 5th Anniversary of the GLOBE Program

September/ October 2000

# Message from the Minister of Environment

I am deeply convinced that an international program like GLOBE offers a solid foundation for the collaboration of students around the world and their better understanding of the environment; while at the same time creating a higher level of environmental awareness for future generations.

I am proud that the GLOBE Program has been successfully working in Macedonia since its implementation in 1998 and that from year to year the number of new GLOBE schools is increasing. I want to express my hopes for the success of the Second GLOBE Seminar and to especially welcome the four new schools from Berovo, Probistip, Skopje, and Strumica. After the seminar, the teachers from these schools will start with the implementation of the GLOBE Program in their classrooms.

I extend my best wishes to all the students and teachers participating in the GLOBE Program which without doubt is an excellent opportunity for them to develop initiatives, to meet and exchange experiences, and to collaborate with other students and teachers from around the world in the field of the environment.

Toni Popovski Minister of Environment

# Message from the GLOBE Country Coordinator

As the Country Coordinator for the GLOBE Program in Macedonia I want to express my great thanks to all those who first worked on the implementation of the GLOBE Program here in Macedonia. I would also like to recognize and thank those who participated in the organization of this year's Second National GLOBE Seminar which will be held from the 8th-10th April in Berovo. In this respect I want to especially thank the Ministry of Environment, Pedagogical Institute, and the U.S. Peace Corps Program in Macedonia; without their support this seminar would not have been possible.

In addition I would like to thank the five GLOBE schools for their excellent implementation of the GLOBE Program and for their collection of a great number of measurements over the past year. I hope that in the future these schools will continue their diligent work.

Finally, I would like to welcome the four new schools to be incorporated into the GLOBE Program. I look forward to the future of GLOBE in Macedonia and to an increase in the collaboration between the students and instructors from all GLOBE schools within our country.

Svetlana Gjorgejva Country Coordinator