

## Croatia

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Year Joined: 1995  
[Contact Us](#)

### Members

This organization has 1 members.



Diana Garasic  
 GLOBE Country  
 Coordinator

Showing 1 - 1.  
[Show All](#)

### Parent Organizations

### News

[Opt-in to Remain on the GLOBE Program Mailing List](#)  
 07/03/2013

"Opt-In" today to ensure that you are on our e-Communication list. To stay on the mailing lists and remain connected to GLOBE, find instructions here. >>

[GLOBE Program Office Closed on 4 July](#)  
 07/03/2013

The GLOBE Program Office (GPO) will close on 4 July in observance of the United States national holiday, Independence Day. The Community Support Team will be available to help you on 5 July. >>

[Artists Wanted- Enter the 2014 GLOBE Calendar Art Competition](#)  
 07/02/2013

Encourage your students to put their talent to work by creating a work of art for the 2014 GLOBE wall calendar. Deadline for submissions is 30 September. >>

### Organization Measurements and Accomplishments

#### Participation

172 Teachers	162 Schools
10 Pre-Service Teachers	3,105 Students
4,171,733 Data Entries	

[Recognition](#) [Most Used](#) [Training](#)

#### GLOBE Stars



**Teachers Gear Up for Tree Ring Project in Europe and Eurasia Region**  
 2011-11-28  
[See all 7 stars](#)

## GLOBE Stars

Year

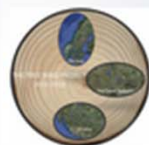
All ▼

Organization

-- Croatia ▼

Category

All ▼



### Teachers Gear Up for Tree Ring Project in Europe and Eurasia Region

11/28/2011

The Tree Ring Project is a two-year study that uses tree rings in order to determine an environment's climate in any given year.



### Students put GLOBE Data Collection into Practice at Croatia Annual Competition

09/15/2011

Every year Croatia brings together GLOBE Students and Teachers for a countrywide festival and competition.



### Croatian Students Analyze Effects of City Lights with Five Years of GLOBE at Night Data

11/02/2010

Secondary school Mate Blažine in Labin, Croatia, has been a faithful participant in the GLOBE at Night campaign.



### Former GLOBE Student Now a GLOBE Teacher in Croatia

02/28/2008

For one new GLOBE teacher attending the recent European Regional Train the Trainer Workshop, Martina Pulic, this was not her first experience with GLOBE



### Croatian Students Celebrate International Water Day with Hard Work

05/07/2003

Croatian GLOBE schools celebrated International Water Day March 22 by raising public awareness of the importance of water protection through hydrology measurements.



### GLOBE Stars in Croatia

03/04/1999

On November 12-13, 1998, principals from forty-one Croatian GLOBE schools participated in a special conference hosted by GLOBE schools.



### GLOBE Star of Croatia

11/11/1998

In April 1998, GLOBE students in Croatia gathered in Zagreb to share their research with one another and to report on their GLOBE activities.





**THE GLOBE PROGRAM**  
CONNECTING THE NEXT GENERATION OF SCIENTISTS

**GLOBE VREMEPLOV**  
**GLOBE IN COURSE OF TIME**

**15**  
**GLOBE GODINA**  
**GLOBE YEARS**

**13**  
**DRŽAVNIH SMOTRI**  
**NATIONAL REVIEWS**

**10**  
**GLOBE PROJEKATA**  
**GLOBE PROJECTS**

**30 273**  
**GLOBE PODATAKA**  
**GLOBE DATA**







# School for nurses Vrapče, Zagreb-Croatia

## PERSONAL ANAMNESIS

POSITIO - western part of town (45.8164 N 15.8967 E, 128m),  
located in a famous psychiatric clinic surrounded with a park

GLOBE STATUS - active from 1997.

SPECIAL INTEREST - cooperation with a local community

### MAIN PROJECTS -

*“Influence of climatic elements on health I and II”*

*“Influence of sudden meteorological changes on psychiatric patients”,*

*“Influence of sunlight on change of mood”,*

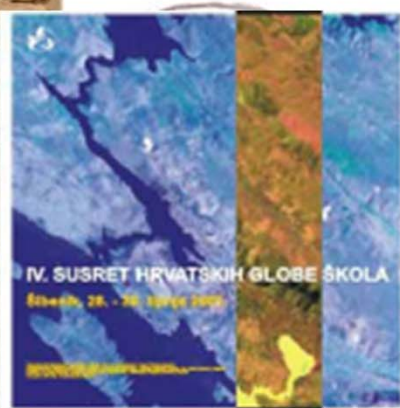
*“Phyis.-chem.-biol. marks of urban streams I and II”,*

*“What sort of an air are we inhaling in different parts of capital”...*

DIAGNOSIS: Ecological consciousness acuta

PROGNOSIS: **LABOR DURUS, FORTASSE PROSPERUS**





## IV. DRŽAVNA SMOTRA U ŠIBENIKU 2001. IV. NATIONAL REVIEW IN ŠIBENIK 2001.

GLOBE EKIPE/GLOBE TEAMS: Nikolina Barić,  
Ivana Grgić, Marko Mokrović

Mentori/Mentors: Živa Volk, prof., Marinela Labaš, prof.



Predstavili smo naš I. projekt "Vrijeme i zdravlje".  
Nagrađeni smo za uspješno povezivanje GLOBE-a i struke!  
We presented our first project "Weather and health".  
It was rewarded for a successful connection of GLOBE and profession!



### "Weather and health"

Research question: How the changes of meteorological elements influence our health?

Conclusion: Sudden changes have the strongest influence on dizziness, fatigue and concentration, while their influence on blood pressure is not so drastic, and the mood is just under a slight influence of those. Teachers are more dependent than students (higher blood pressure, more headaches, more tired) but also more concentrated than almost always "good-humoured" students.

Participants: students from IIIa and IIIb and most of the teachers. During 3 months period all the parameters were measured daily.

Dr. Biserka Marn helped with professional medical interpretations, prof. Latinka Križnik and third grade students with data processing. Data base of air temperature, humidity and pressure was completed by DHMZ.

Our reviewer mr. sci. Janja Milković (DHMZ) helped us a lot, too.

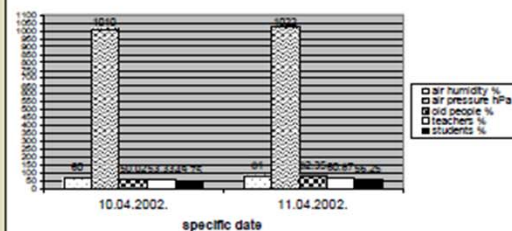




DATE	CLIMATIC ELEMENTS			HEALTHFACTORS						
	AIR TEMPERATURE	AIR PRESSURE	AIR HUMIDITY	RR		DIZZINESS	HEADACHE	Concentration	FATIGUE	MOOD
	°C	(hPa)	%	systolic	diastolic	YES/NO	YES/NO	GOOD/BAD	YES/NO	GOOD/BAD
1.03.2001.	3,8	985,8	77	120	70	NO	NO	GOOD	NO	GOOD
2.03.2001.	6,2	989,3	79	122	79	NO	NO	GOOD	YES	GOOD
5.03.2001.	9,8	997,6	85	115	77	NO	YES	BAD	YES	GOOD
6.03.2001.	5,2	1010,9	66	115	70	NO	YES	GOOD	NO	GOOD
7.03.2001.	5,5	1008,9	70	119	80	NO	NO	GOOD	NO	GOOD

Anketni listić /  
Questionnaire

Fig. 5 AIR HUMIDITY AND AIR PRESSURE -  
SYSTOLIC BLOOD PRESSURE



Slika 5 (II. istraživanje) je grafički prikaz povišenih vrijednosti sistoličkog tlaka kod sve tri skupine ispitanika.

Figure 5 (2nd research) represents a graph showing higher than average values of higher systolic blood pressure in all three age groups.



GLOBE znanstvenik kojeg smo oduševili komentirao je naš rad: "Great job!"  
GLOBE scientists recognized our work as: "Great job!"







Pri analizi i obradi podataka pomagali su:  
dr.med. Biserka Marn, dr.med. D. Bačić,  
spec.psih., prof. Latinka Križnik,  
bacc.med.tech. A.Vukelić  
Recenzentica je opet bila mr.sci. Janja Milković, uvijek vjerna!

Ekipi se pridružila prof. Ira Beck s učenicima drugih razreda.

By the analyses and data processing most helpfull were dr. med. Biserka Marn, dr.med.D.Bačić, prof. Latinka Križnik, bacc.med.tech. Anika Vukelić and students of third grade.

Again our reviewer was mr.sci. Janja Milković, semper fi!

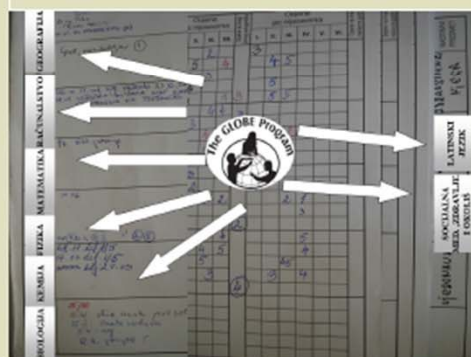
Prof.Ira Beck joined the team with second grade students.



Biološka postaja: Vrapce  
Landscape site: Vrapce



GLOBE program involved in even more subjects



#### LATINSKI JEZIK

Locus purus. – Čisto mjesto, neokupljeno mjesto.  
Locus desperatus. – Mjesto očajavanja, očajno mjesto.  
Terra usus mortalium semper ancilla.  
Zemlja je uvijek služavka potrebama ljudi.  
Tibi aras, tibi occas, tibi seria, tibi item metus.  
Sebi oreš, sebi drijaš, sebi siješ, sebi češ i želiš.



Radeći u GLOBE-u  
otkrili smo da i latin-  
ski jezik nečemu služi!

Working on a GLOBE  
project we discovered  
the Latin language,  
has a purpose too!







Prizori iz prvog, nagrađenog filma, Daruvar, 2004.

Scenes from our first, rewarded, GLOBE movie.

**Globovci u akciji spašavanja Zemlje!**

Glumci/Actors :  
G.Plavšić, M.Komes,  
M.Ročić, I.Zubak,  
J.Špehar, M.Peša  
Režija:M.Labaš,prof.



**Pa, ona gori!!!**

**It's on fire!!!!**



Metoda rada GLOBE ekipe i prije dr.Housa!!!

GLOBE team approach - before Dr.House used it!!!







Boulder, we have a problem!



Mission accomplished. It is saved!





## GLOBE RAP

Jelena:

*Na kraju Zagreb grada žuta je zgrada,  
nije ludara nego škola,  
ustanova za edukaciju  
ili bolje rečeno transformaciju  
iz djece u ljude, pa kako bude, bude...*

Goran: ("one man ritam sekcija")



Martin:

*Mi smo GLOBE-ovci iz Vrapče Škole,  
sve nas GLOBE-ekipe vole, jo, jo  
poručit ćemo Vam samo jednu stvar:*

Jelena, Martin i Goran:

*Ekologija nam je na pameti,  
da nam bude bolje na Planeti!!!!*

*GLOBE ekipa za zdravlje se brine*

*i proučava kakve veze vrijeme ima s time...*

*Aerosoli, oblaci, temperatura zraka,  
da li Vas zanimaju vrijednosti tlaka????!!!!*

## GLOBE RAP

Jelena:

*Although word "Vrapče" \*  
is associated with madness  
In fact we are infatuated  
with ecological awareness*

...

(\*Vrapče—is a famous psychiatric hospital in Zagreb  
and our school is located in this hospital)





Terenski rad / Scenes from the sites



Teoretske pripreme i prezentacija projekta na Smotri  
Theoretical preparation and project presentation at the Review







Radionice : Atmosfera, Hidrologija  
Družili se i učili mali i veliki!

Workshops : Atmosphere, Hydrology  
Workshops and mutual fun for all ages!



I. Regionalna smotra  
I. Regional review



Poznati meteorolog dipl.ing. Lovro Kalin na  
Regionalnoj smotri  
Popular meteorologist dipl.ing Lovro Kalin at  
the Regional review





INTEGRIRANI GLOBE DAN - II.RAZREDI  
INTEGRATED GLOBE DAY - SECOND GRADE



IZRADA INSTRUMENATA / MAKING INSTRUMENTS



ATMOSFERSKA MJERENJA /  
ATMOSPHERIC MEASSURING



UNOS PODATAKA / DATA ENTRY



GLOBE-BLOG



WHAT HAVE WE LEARNED TODAY?







I ovaj naš projekt iskorišten je u svrhu prezentiranja rada naše Škole na susretu hrvatskih medicinskih škola u sklopu projekta E-medica 2010. na Bjelolasici.

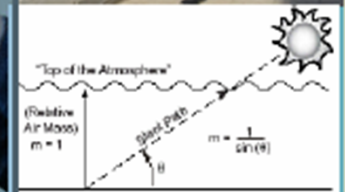
This project was also used to present our School's achievements at croatian medical schools meeting E-medica 2010. at Bjelolasica, olympic centre.



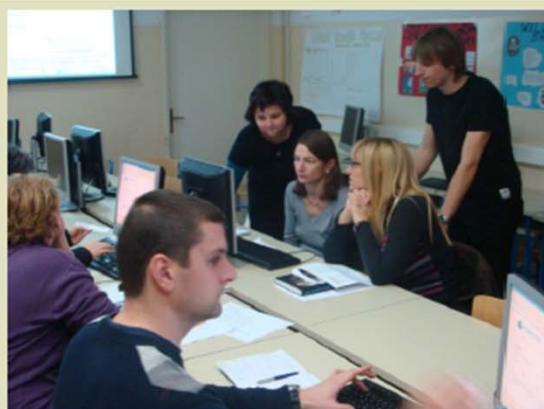
## MJERENJE AEROSOLA



Fotometar- napon- AOT- prozirnost









#### V. Videoconferences / Videokonferencije

October 26th, 2011. first videoconference between students (introduction) /

Prva videokonferencija - upoznavanje učenika

December 8th, 2011. second videoconference between students (about schools, sports, Zagreb, etc.) based on preforwarded presentations.



VI. Project's presentation at December 2nd, 2011. at Regional GLOBE council meeting

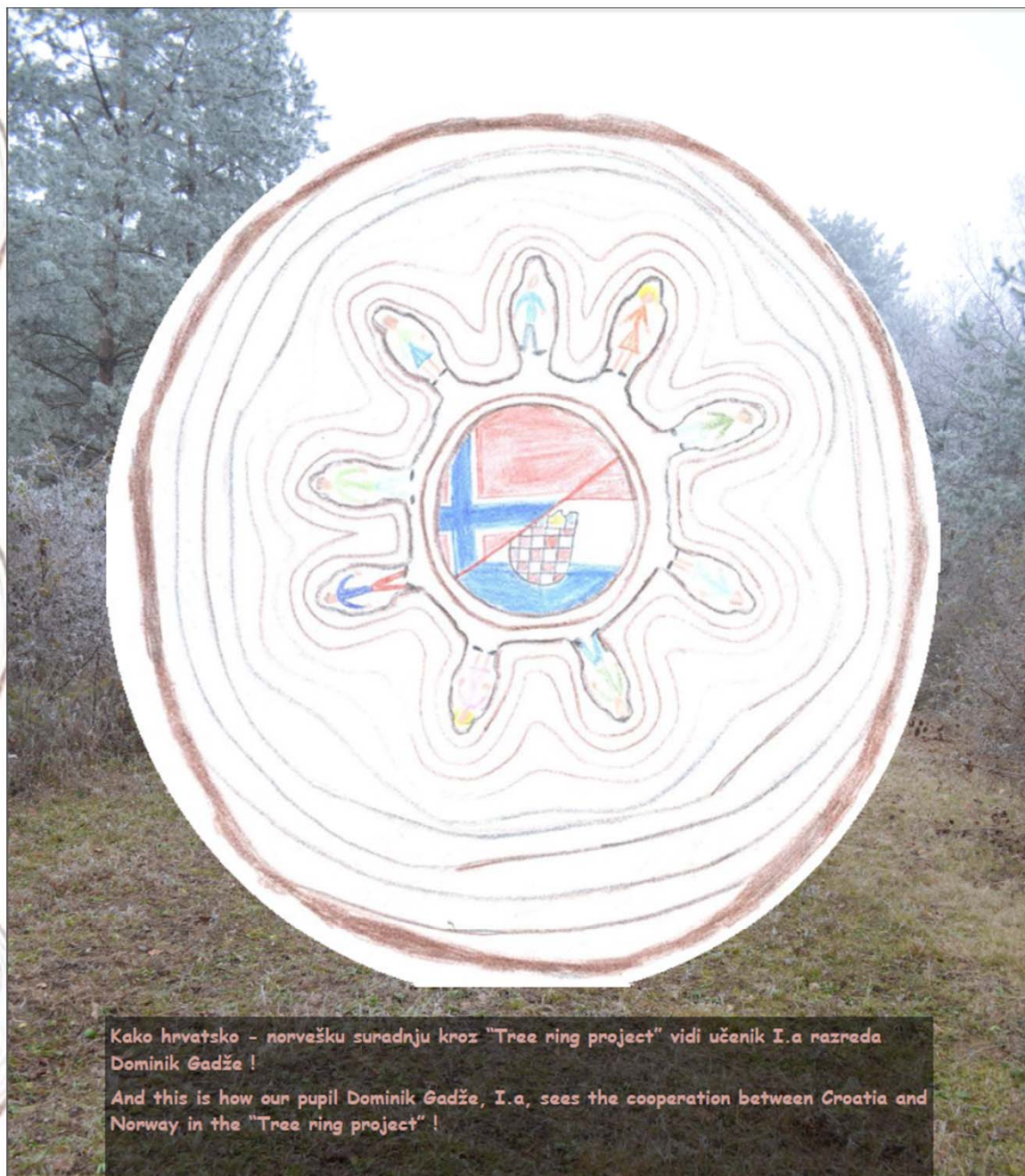
VI. Prezentacija projekta na međuzupanijskom aktivu

VII. Involving Tree ring project in school's curriculum- compatible themes in some subjects: Geography, History, Latin, Gymnastics, Ethics, English, Croatian

VII. Uključivanje projekta u školski kurikulum - predmete geografija, povijest, latinski jezik, tjelesna i zdravstvena kultura, etika, engleski jezik i hrvatski jezik







Kako hrvatsko - norvešku suradnju kroz "Tree ring project" vidi učenik I.a razreda Dominik Gadže !  
And this is how our pupil Dominik Gadže, I.a, sees the cooperation between Croatia and Norway in the "Tree ring project" !

