



Globe Annual Conference for Europe & Eurasia 2014 Cyprus

2013-2014 in Poland

Magdalena Machinko-Nagrabecka
Polish GLOBE Country Coordinator
magda@gridw.pl







Every year we do a lot of activities

- GLOBE Schools
 Directors Conference
 2014 about 60
 people
- GLOBE Teacher Conference 2014 about 60 people

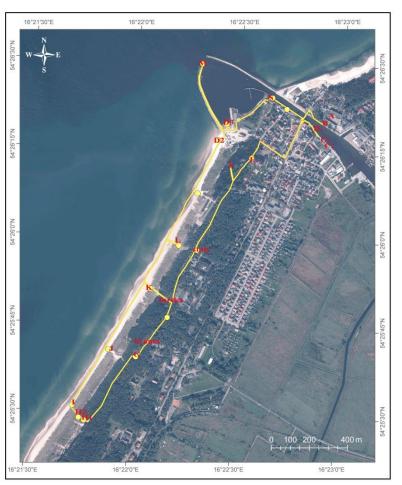






GLOBE Games 2013 - Darłowo







about 250 people





ALBEDO





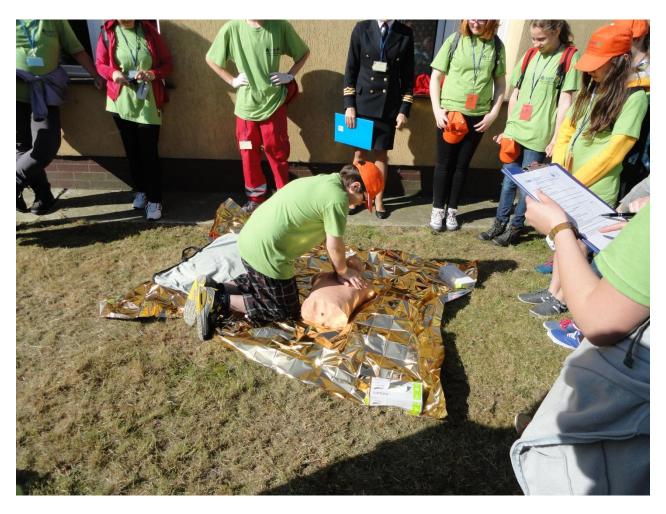
















Bunkers



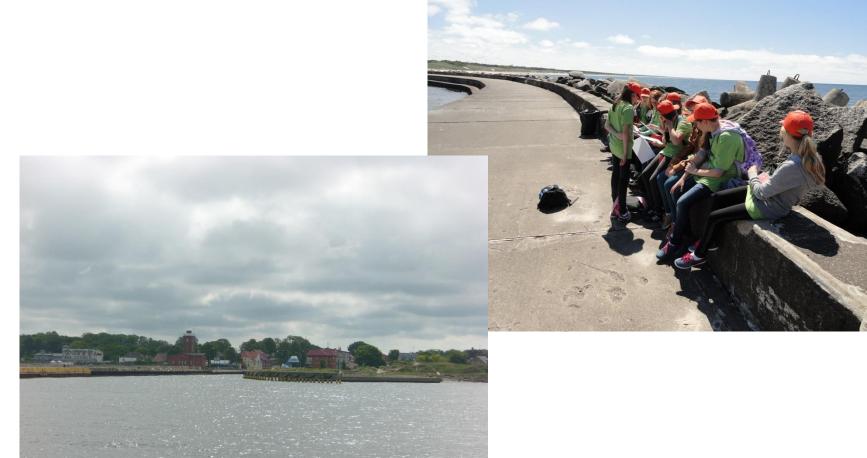








How ports looks and WHY, WINDS, DIRECTIONS







Repers











emergency clothing







wind energy, windmills











Marine nodes











timesheets

FINAL10



Cantrum Informacji o Srodovisku UNEPIGRID-Warazawa Krajovy Koordynator Programu GLOSE



Learning and Observations to Benefit the Environment

Polisive CLOSE Germe 2013, Darlovo, 05-11 czerwca 2013 roku Badaj Klimat z Programem GLOSE - Badavicza Kampania Klimatyczna

Tresa II - 10.05, STANOWISKO B Nr grupy...... L. ucz. ...

Wędy – sakola podstawowa (max 12 pik)



- Obeyog goled jak pravidiono zanigad negal cumonnice, zedemonárovany praducena 25% v Dartova. Wysał stuly do cumonania na palu i do parázena. Zegennia more droy, nie šioga się i nie zedela. Podničny droy! dromi inę od praderania się.
- Postarajne się zanigad zademonáronany nięzał. Sorządajne z podponieda na rysuniach pontiaj. Kolejni uznianie mogą podjęć próbę. Zadanie zadaje zalezne po zanigzanu przynajmniej jednego poprannego nięda przed przyb. (2014).







- 3. Obeytoj golez jak praniciono zanigad negal ratonnizy zademonatonany grazo uznia 2581 in Dartonia. Węzał użynany jak barcoz zajda, a umiejskość grazonago nigania obeniguje jakidego dagiarna. Ze jago pomocą robi spira kielu liny do o zamosana, moża być lakie użyty do poligzania dodob in. Jadnak typone zadozonania to zabozpieznia odniela in kurzych naruniach przej na goleskoś, za burtę lub na nysokość. Pęła tegonięda nie zadoże za nanatyny dużyn obegianiu.
- Każdy z uczniów zawiązuje nepał ratownizy na sobie albo w rekach, nedług instrukcji ucznia ZSM liciba gunktów. Zadania zstaje zaliczne po zawiązaniu przynajmniej jednego poprawnego neda przezgrupę. (3 pkl.) :







College Sedenists | Despelati Malrej





2012-2014



- extension of the GLOBE Program formula, additional educational activities, designed in Poland
- collaboration with scientists to extend previous studies of students under 3 modules:

Module A. Diagnosis and counteracting the effects of flooding

Module B. The study contamination of the atmosphere

Module C Satellite climate lesson (by teachers) -18 scerios

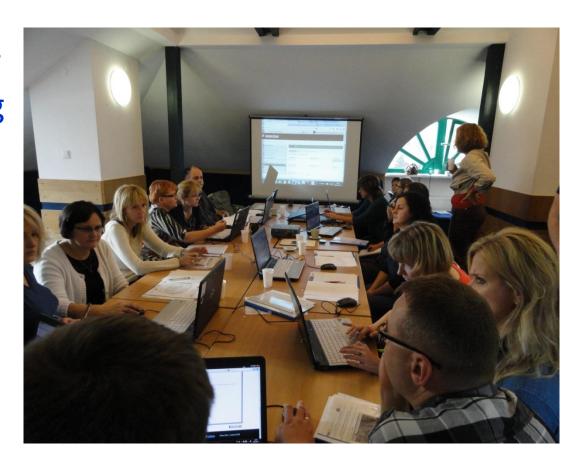






Every year

Basic workshops for new teachers spring and autumn – about 20 teachers each









additional elements of our workshops

We've added to the our GLOBE training program two elements:

- 1. planning field classes for students using Google Earth and GPS
- 2. download satellite images from the EarthExplorer portal and creation composision in MultiSpec



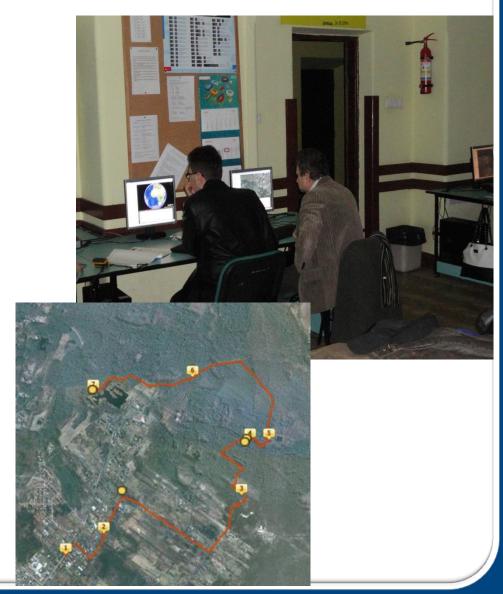








a. Preparing points and classes routes using Google Earth and load them into the GPS, or download prepared earlier educational path b. register routes in the fild using GPS and then importing it into Google Earth to develop the details (eg. assessment of the distance)

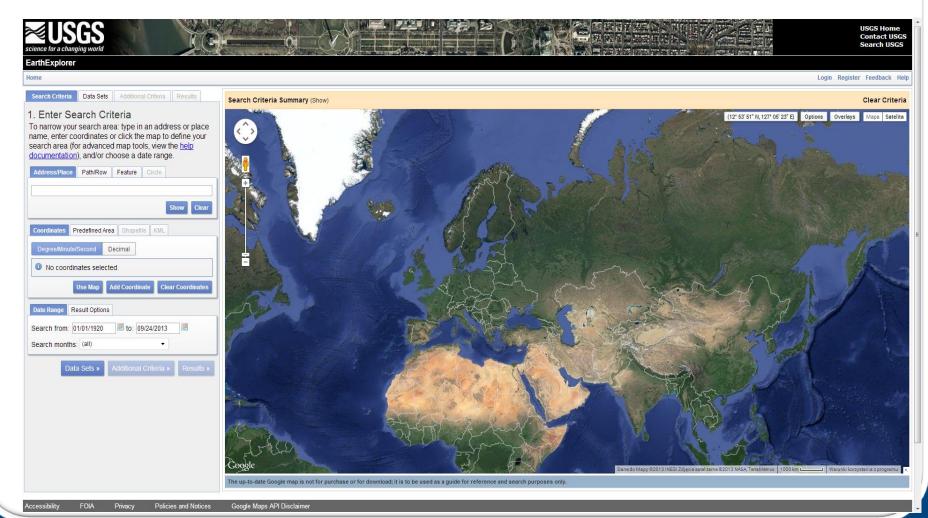








2. download satellite images from the EarthExplorer https://earthexplorer.usgs.gov/



1. Login 2. User Affiliation 3. Address 4. Confirmation

Enter your user affiliation and data usage information. This information helps us do a better job of

	User Affiliation/Data Usa	age Information	
In what sector do you wor	k? (Please select only one a	nswer.)	
*Sector:	General Public	·	
*Which of the following (Please check all that a Data provider (provide data	pply.)	ser of remotely sensed data from USGS	
-	-	ragery, such as land cover maps)	
		to the imagery, like calibration and validation)	
	ducts derived from the data to a	ocomplish my work, including scientific research and	
education)			
	al and/or end users; also may m	ake decisions based on work which uses the data)	
Other (please specify):			
	emotely sensed data fron	n the USGS?	
○ Yes			
What is the primary applic	eation for which you have us	ed remotely sensed data from USGS in the	
past year? (Please selec		led remotely sensed data from 0303 in the	
*Primary Data Usage:	Education: K-12	_	
Filliary bata osage.	Education: N=12	_	
	ary application, in what ot in the past year? (Please	her areas have you used remotely check all that apply.)	
✓ I have not used it in other a	areas		
 Agriculture forecasting 		Agricultural management/production/conservation	
 Alternative energy exploration 	ion/development	Assessments and taxation	
 Biodiversity conservation 		Climate science/change	
Coastal science/monitoring/	•	Cryospheric science	
Cultural resource managem		Defense/national security	
☐ Ecological/ecosystem scier		Education: K-12	
Education: university/colleg		Emergency/disaster management	
• • • • • • • • • • • • • • • • • • • •	pioration/extraction/development	☐ Engineering/construction/surveying	
☐ Environmental regulation		Fish and wildlife science/management	
Fire science/management		Forest science/management	
Geology Humanitarian aid		Hazard insurance Law enforcement	
Land use/land cover change	-	□ Public health	
Range/grassland science/m		Real estate/property management	
Recreation science/manage	_	Rural planning and development	
Software development	ment	Telecommunications	
Technical training		☐ Transportation	
Urban planning and develop	oment	Urbanization (e.g., growth, sprawl)	
Utilities		Water resources	
Other Application:			
		notely sensed data you acquire from USGS	
		it yourself? (Please select only one answer.)	
*Distribution Amount:	None of the data	▼	
		ccess to remotely sensed data from USGS be	
	(Please select only one ansi		
*Access Importance:	Very Unimportant	▼	
	Cancel Con	tinue	
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' = Required Field			

Click the "Continue" button when you are done.

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3



LANDSAT 5 – start 1984

Thematic Mapper (TM): 30 m (MS) i 120 m (IR)

LANDSAT 7 – start 1999

• Enhanced Thematic Mapper (ETM+): 15 m (PAN), 30 m (MS) i 60 m (IR)

LANDSAT 8 – start 11 luty 2013

Operational Land Imager (OLI): 15 m (PAN), 30 m (MS, IR); TIRS: 100 m







MultiSpec

