

Ukraine

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Organization and Number of Staff:

The National Ecology and Nature Center of the Ministry of Education and Science of Ukraine is a leading educational institution in the field of ecology, nature and science in Ukraine, a component of the system of extracurricular education for gifted and motivated school students.

NENC is the national coordinator of the GLOBE program in Ukraine since 1999. GLOBE is a part of a program of national integration into European and world educational space.

There are two people working in the GLOBE coordination office in Ukraine, however the center has the capacity to include other people during the organization of events or competitions.

Funding by:

Main funding: Ministry of Education and Science of Ukraine.

Cooperating Organizations/Individuals:

Ministry of Education and Science of Ukraine, Minor Academy of Sciences of Ukraine, Ukrainian Hydrometeorological Center, State Space Agency of Ukraine, Palladin Institute of Biochemistry and others.

GLOBE Schools (what types, how many):

There are 602 schools and educational institutions registered on the website, actively participating schools – about 50. The GLOBE network in Ukraine includes not only secondary schools, but also regional environmental education centers that are part of the system of afterschool education in Ukraine.

GLOBE Areas you and schools focus on:

The most popular areas among Ukrainian GLOBE students is Phenology (GreenUp/GreenDown), as well as Atmosphere (Air Temperature, Cloud observations, Barometric Pressures, Precipitations, Relative Humidities, Surface Temperatures). Some teachers have made measurements of Hydrology (Dissolved Oxygens, Nitrates, Transparencies, Water pH, Water Temperatures) and Land Cover (Water Temperatures, Water pH).

Number of Schools Reporting Data over Past Year:

16

Program Implementation, International Cooperation in GLOBE Network, and Activities over Past Year (categorized by GLOBE Strategic Plan 2018-2023 Goals):

1. Education

We were providing support for GLOBE teachers and schools during this year as well as we were translating protocols and instructions.

2. Science

During the period 23 teachers were registered in the GLOBE Program. Science data were collected and entered on the site: 8 schools have received Science Honor Roll in Phenology, Atmosphere, Climate, Land Cover and Pan-GLOBE.

Teachers and students from Ukraine were so active in many events of this year. They participated very actively in Tree Reporters Challenge (10/22/2021 - 12/01/2021). Their work was presented in a webinar "Our autumn with trees" on December 1, 2021

(<https://www.GLOBE.gov/web/european-phenology-campaign/overview/webinars>).

Also we **submitted video to Virtual International 2dn World Day in Mantova (ITA) 22 March 2022** (<https://www.GLOBEItalia.it/gma2022/528-sezione-0-inizio-lavori-section-0-start-session.html>).

Our students managed to participate in the GLOBE Games 26-29 May 2022 in the Czech Republik (<https://www.facebook.com/GLOBEgames/>).

As always, our teachers were very active in European Phenology Campaign. This year we were organized large project "**Phenology Gallery**", the main aim of which was to create photo collection of different phenology phases of trees. But unfortunately, it was not completed. We hope that next year we can do it successfully.

3. Community

23 new teachers were involved in the GLOBE Program.

4. Technology

16 schools entered scientific data during this period.

5. Communications

Consultations and explanations for community members are constantly conducted, we keep people up-to-date on news and events.

Plans and Ideas for Next Year:

Participating in the European Phenology Campaign and other GLOBE activities.

Translating GLOBE materials for teachers.

To involve new teachers to the GLOBE Program.