

Germany

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Name: Anna Heyne-Mudrich
Deputy CC
Organisation: GLOBE Workgroup Westphalia



Organization and Number of Staff:

There are no employees assigned to the GLOBE project at our organization, the Science College. We are cooperating closely with the Workgroup GLOBE Westphalia. The members of the Workgroup besides Anna Heyne-Mudrich are:

- Thomas Beer (GLOBE trainer)
- Sonja Drzensla (GLOBE trainer)
- Matthias Schmidt

Funding by:

No funding at the moment

Cooperating Organizations/Individuals:

There are no employees assigned to the GLOBE project at our organization, the Science College. Partners for cooperation and information: Natur- und Umweltschutzakademie NRW, Natur- und Umweltschutzbund Deutschland, ESERO, Klimawoche Bielefeld, Westfälische Kinderdorfvereinigung, Paderborn

GLOBE Schools (what types, how many):

There are many registered schools - both secondary schools and higher education institutions - but I am currently gaining an overview of which of these are still actively working on GLOBE projects and are entering data, or how much they are interested in general in GLOBE.

GLOBE Areas you and schools focus on:

Hydrosphere and Atmosphere

Number of Schools Reporting Data over Past Year:

Around 5 schools are reporting regularly

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

1. Education

Since we are currently in the process of building the network, we have not yet been able to have any additional individuals complete the training. Anna Heyne-Mudrich is now officially recognized as a Mentor Trainer.

We had a holiday camp where 20 teenagers aged 13-16 spent a week working on the topic of the hydrosphere. They applied the protocols and investigated the surrounding bodies of water.

In August 2023 GLOBE Westphalia organized a teacher training for six teachers at the "Gesamtschule Bad Lippspringe". In September 2023 GLOBE Westphalia and GLOBE trainers Thomas Beer and Sonja Drzensla organized a workshop for pupils about the GLOBE hydrology protocol during the Climate Conference in Bad Lippspringe. The training was offered to different groups of students of all ages. In March 2024, GLOBE Westphalia was our partner in the planting activity in Bad Lippspringe. The Gesamtschule Bad Lippspringe built up a new phenological garden next to the school building, so that students can carry out observations during the lessons or in free clubs

2. Science

We are continuously working on our national GLOBE offerings in collaboration with partners from the field of science and teacher education. The Research Centre Jülich, as well as RWTH Aachen and FH Aachen are long-standing partners and cover various areas of GLOBE with their broad expertise. In particular, the Department of Biology Education at RWTH Aachen has taken an interest in our work, and we are planning joint projects. GLOBE Westphalia is working on a new development of didactics on Geography following a most interesting blog "doing geo and ethics". We will try to include the new didactical ideas into the proposal of our project about "Tributary Rivers".

3. Community

Anna Heyne-Mudrich and Annika Loevenich attended the GLOBE meeting in Riga and will also participate in the upcoming meeting in Ljubljana in November. Through many productive discussions, Annika Loevenich expanded her knowledge related to working at GLOBE as a Country Coordinator (CC) GLOBE Westphalia was honoured to take part in the opening ceremony of the new buildings of the "Gesamtschule Bad Lippspringe" in June 2024. The focus of this school is the "natural heritage" in our area and across Germany including cooperation with the GLOBE program on the different levels. Some work results are posted on the homepage "GLOBE-deutschland.de".

4. Technology

During a holiday camp, we partially built the measuring devices ourselves, in order to determine values related to the topic of water. We also used existing equipment.

5. Communications

As we are currently focused on expanding the network, we are attending many networking events to present GLOBE. We are also reaching out to foundations and other sponsors to both secure long-term financial support and increase the visibility of the GLOBE program. We regularly incorporate the content of the GLOBE protocols into activities carried out at school events and holiday programs.

Plans and Ideas for Next Year:

Next year, we will continue working on securing funding for our GLOBE activities, so that we can implement more extensive projects within the GLOBE program. We will also continue organizing holiday camps focused on the GLOBE program. As soon as we have financial support, we will organize training sessions for interested students and teachers to expand our pool of active trainers. In the East Westphalia-Lippe region, a project on the renaturation of tributaries and its effects on the surrounding area is planned under the leadership of Anna Heyne-Mudrich. This project shall combine scientific and ethical aspects and integrating the new didactical concept of the University of Münster.

Preparations have been started and the group chose basic points for the intense occupation with their river „Lippe“: Bad Lippspringe and Lippstadt.

The group visited the areas of interest and researched historical and economic aspects, as well as actual development plans...historical aspects of water problems and new developments of nature restoration and land recultivation. The group will deepen their experience during the upcoming years, in order to offer a new project on tributary rivers in other areas in Europe.

Teacher Training, August 2023



Planting of the new phenological garden, March 2024



The very new school in a traditional building, June 2024



Climate Conference at the Congress Hall in Bad Lippspringe, September 2023



Preparatory visit in the area of Lippstadt in August 2024



The rewilding and the ring around the Lippe river and the new way of the "Lippe" outside the lake in June 2024

