



<https://science4girls.eu/>

Making Science Attractive to Female Students through Open Science Schooling Focused on Climate Change

Highlights of Romanian Team's Work

Water – The Essence of Life

During our research, we found out that the biggest problem in our county is the absence of water and so, we started to study this topic. Our first activity was a Lab work through which we determined the physical and chemical water properties. We also participated in the Festival of Ecologist Movie (*Festivalul International al Filmului Ecologist*) showing our project “Water – The Essence of Life” to promote and grow an active, militant and creative knowledge and attitude for the protection and safeguarding of nature and environment.

We also took action and sound an alarm about the deteriorating draught situation locally. Thus, we partnered with the “Research-Development Station for Plant Culture on Sands” and paid a visit there, after overcoming local transport difficulties. We are resilient! We collect samples of soil and flora from the museum plot which was left untouched and let on the will of nature, to analyse them back at the lab. At the site, the temperature was really high and the drought felt in the air - we felt like we were in a desert. This inspired our proposed solution - **as a future goal, we are planning to make a natural water treatment micro-station – using aquatic plants.**



Precious water



STAY TUNED!

Next Issue: Introducing Slovenian Team's Work

A Student's Perspective

*“At the end of our expedition (to the Station for Plant Culture), the staff served us with some watermelon and offered us some sweet potatoes that once we arrived home, some of us either cooked, either planted and grow some sweet potatoes of their own. The ones who cooked the sweet potato said that it had taste they never tasted before, as it was also their first time eating a sweet potato. **The experience was unique and we learnt a lot from it as we discovered how serious the (water) situation is, finding out we need to act now and quickly.** Even though we were really tired, we would repeat the experience on and on and on.”*

A Teacher's Perspective

“I am a scientist, and even though I know all the problems that were created by climate change, I can't make myself heard in any way, therefore I decided to call the children's help, considering that they are the future of our planet. Water is the basic environment through which climate change will have an impact on ecosystems, economy and humans. The team from the project Science4Girls, is made out of 10 girls who are willing to take action against climate change that is affecting the county we live in, even before we took on this project. Yes, and that being the case, the project created an opportunity of us to accomplish our wish...

I wonder. Do the girls wish on working in the domain of science? The statistics show that most teens are afraid of that, from unknown reasons. From the surveys we completed, we were pushed forward to consider on having a job in the domain of science and in the outcome, some of the girls found their call in this domain.”
Livia, Science4Girls, Team Romania

The Consortium

