

Development of Youth Leaders for Environmental Activities in the Northeast Asia 2022 (Overview)

The objective of this project is organizing an event for human resource development, targeting at (mainly high school) students in the northeast Asian region. Through discussions and hands-on experiences with the general public on environmental conservation as well as international exchange, the project helps nurture human resources.

1. Time 8 August 13:30~16:00, 9 August 13:30~16:00

2. Style On-line Meeting (using “Zoom” software)

3. Organizing Board

Organizer: Chungcheongnam-do(Korea) ,Toyama Prefecture (Japan)
Secretariat: Northwest Pacific Region Environmental Cooperation Center (NPEC)
Supporter: participating municipalities

4. Participants(preliminary)

57 Students (mainly high school students)
from 9 municipalities, 5 countries

- China: Shanxi province
- Japan: Toyama prefecture
- Korea: Chungcheongnam-do
- Mongol: Darkhan-Uul province, Dundgovi province
- Russia: Altai Territory, Primorsky Territory, Khabarovsk Territory, Tomsk Region

5. Theme Environmental protection practiced in daily life
(Eco-friendly consumption, energy saving, etc.)

6. Contents

* [event materials](#)

* [digest movie](#)

(1) Opening Address

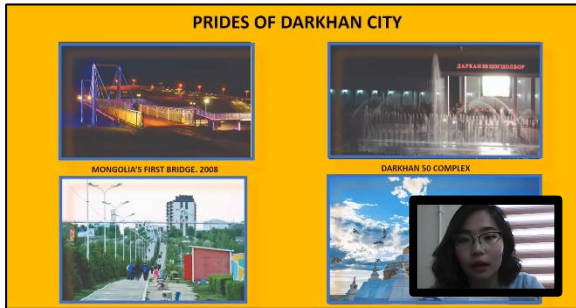
Lee Yon-jo
Director of Environmental Policy Division,
Chungcheongnam-do, Korea



(2) Presentation on cultural thing/Attractions

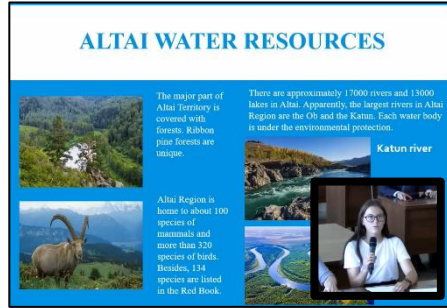
They made presentations on the culture and climate of each region and deepened mutual understanding.

Darkhan-Uul province



Introduction of basic information such as population and area, local agriculture, livestock industry, land use situation, etc.

Altai Territory



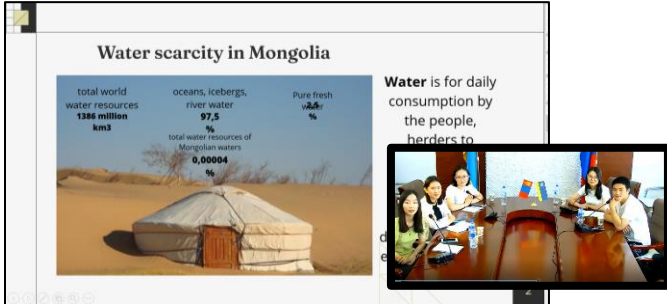
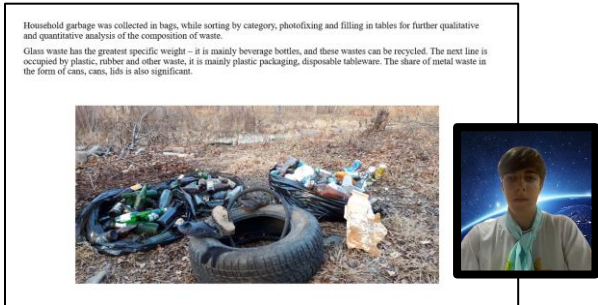


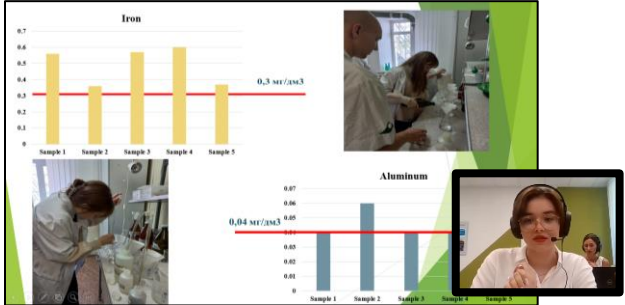
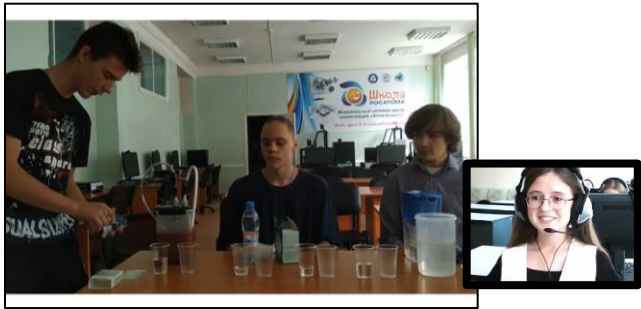
Introduces the fact that it is an area where various cultures are mixed, the fact that agriculture and tourism are thriving, scenic spots, etc.

(3) Presentation on Activities

The contents of environmental conservation activities carried out by the participating students in each local government were announced, and opinions were exchanged.


Municipality/ Activity Overview	Presentation Title
<p>Shanxi province (China)</p> <p>In order to promote the use of eco-friendly "bicycle sharing" (rental shared use), we conducted a fact-finding survey of users, cleaned bicycles, provided guidance to citizens on how to use bicycles, and called on organizations and groups to use bicycles.</p>	<p>Activity on low-carbon transportation</p>

<p>Toyama Prefecture (Japan)</p> <p>In addition to collecting PET bottle caps and disposable contact lens cases and donating the proceeds to charitable organizations, we will introduce initiatives such as participating in a project to collect clothes that are no longer worn and deliver them overseas.</p>	<p>Various activities based on SDGs mindset</p> 
<p>Chungcheongnam-do (Korea)</p> <p>In order to understand the pollution situation of the river, which flows around the school, we measured COD and introduced the results of comparison with tap water, mineral water, water mixed with detergent, etc.</p>	<p>For the Earth For the Environment</p> 
<p>Dundgovi Province (Mongol)</p> <p>Investigate the causes of water shortages in Mongolia and consider possible solutions.</p>	<p>Water scarcity</p> 
<p>Primorsky Territory (Russia)</p> <p>Cleanup activities and composition analysis were carried out because a large amount of man-made waste (plastic bags, PET bottles, etc.) was found on the river embankment where primroses bloom.</p>	<p>Monitoring of waste of artificial origin on the bank of the Lozovy Key in places where primroses grow</p>  <p>Household garbage was collected in bags, while sorting by category, photographing and filling in tables for further qualitative and quantitative analysis of the composition of waste. Glass waste has the greatest specific weight – it is mainly beverage bottles, and these wastes can be recycled. The next line is occupied by plastic, rubber and other waste, it is mainly plastic packaging, disposable tableware. The share of metal waste in the form of cans, lids is also significant.</p>

<p>Khabarovsk Territory (Russia)</p> <p>Investigate the pollution status of air, river water, and soil in the living area of participating students. River water exceeds standards for iron and manganese at many points. We can make the world a better place by preventing littering and planting trees.</p>	<p>Study of the pollution degree of atmospheric air, water and soil in the city of Nikolaevsk-on-Amur</p> 
<p>Tomsk Region (Russia)</p> <p>As a result of producing a household filter that can purify iron, manganese, etc. in this area where a lot of well water is used, we succeeded in producing a filter that is highly cost-effective and has the same performance as commercially available products.</p>	<p>Filter for water purification at home</p> 

(4) Environmental Quiz

Through quizzes on environmental conservation, participants learned about environmental conservation while having fun, and also tried to interact with each other.



	Q1.	Q2.	Q3.	Q4.	Q5.	Q6.	Corrects
Shanxi	C	A	C	B	C	A	
Toyama	A	A	C	B	C	A	
Chungnam	B	A	C	B	C	A	0
Darkhan-Dul	C	A	C	B	C	A	
Dundgovii	A	A	C	B	C	A	
Altai	C	A	C	B	C	A	
Primorsky	C	A	C	B	C	A	
Khabarovsk	C	A	C	B	C	A	
Tomsk	C	A	C	B	C	A	
Correct answer	B	A	C	B	C	A	

(5) Free Discussion

Participants were divided into small groups and had free exchanges such as Q&A, exchange of opinions, and cross-cultural exchange throughout the program.






(6) Group Activity

Based on the theme of "waste reborn, recycling of waste", each municipality produced a recycled or upcycled work*, presented their intentions for the production, and exchanged opinions.

* Recycling: Reusing used items as resources

Upcycling: Reinventing something of greater value than the original

Municipality	Works & production intention
Shanxi province (China)	 <p data-bbox="464 1525 1230 1559">『"Drink Dispenser" for a break after a long hard work』</p> <p data-bbox="448 1621 1385 1749">By effectively using the waste generated in our daily lives, we can also reduce global warming. A real drink comes out of the dispenser.</p>

Toyama
prefecture
(Japan)



『Art "World Map" using discarded PET bottle caps』

The five colors used are the Olympic colors, which symbolize peace. Participating regions are highlighted in orange. It contains the desire to protect the environment so that the world's environment will be better. The caps collected for this production will be recycled and reborn as new products such as clothes and carpets.

Chungcheongn
am-do (Korea)



『"Pouches" and "dresses" made from recycled banners』

There are many advertising banners in the city, and especially after the election period, banners that are no longer used are overflowing. We reused banners made of water-resistant and durable materials.

Darkhan-Uul province
(Mongol)



《 Left figure 》 『 Recycle/Garbage bin made from recycled cardboard 』

Chopsticks and straws are garbage that are commonly discharged everywhere. It was devised so that they could be sorted and discarded.

《 Right figure 》
"Plastic Pen Case and Bird Feeding Station Reusing Plastic Beverage Bottles"

- The pen case is made by connecting PET bottles with zip hot bond.
- The bird feeding station is a simple one made by cutting out a milk carton and coloring it with a paint called "Guasha".

Dundgovi province
(Mongol)



『 "Shopping denim bag" using denim pants 』

Plastic should not be used because it takes 1,000 years to decompose. Denim can never be said to be eco-friendly from the production stage of the material, but that's why we reused it.

The strap is also woven from denim. Even the flowers for decoration were handmade. We used a sewing machine, but it was not difficult for us to make it, and we did not have any trouble.

Altai Territory
(Russia)



『"Stationery box" using materials such as wooden sticks, cork, and toilet paper cores』

Many are thrown away after one use. Giving such things a "second life".

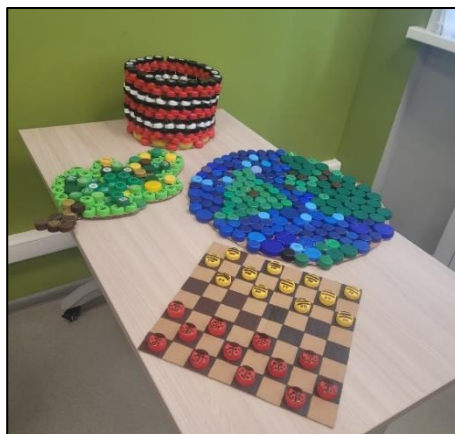
I tried to use inexpensive things that everyone has in their homes, and to make things that can be used and are easy to use.

Primorsky Territory
(Russia)



『"Planter" and "smartphone stand" made from recycled waste』

Khabarovsk Territory
(Russia)



	<p>『Recycle waste plastic into various miscellaneous goods』</p> <p>Recycling is still not very common in Russia, so I decided to create something new by reusing plastic waste, which led me to create these works.</p> <p>The work made with grid boards (cardboard) and yellow and red PET bottle caps can be played as a board game.</p>
<p>Tomsk Region (Russia)</p>	<div data-bbox="480 602 1082 1055" data-label="Image"> </div> <div data-bbox="1098 651 1378 792" data-label="Image"> </div> <div data-bbox="1098 815 1378 1030" data-label="Image"> </div> <p>『"Pen stand" and "Flower bowl" made using cans』</p> <p>The discarded cans were collected, washed, colored and decorated. Some waste can be recycled.</p>

(7) Environmental Declaration

Representatives of the participants (Chungcheongnam-do) presented the Environmental Declaration.



Environmental Declaration 2022

As representatives of 5 countries, Korea, Japan, China, Russia, and Mongolia, we participated in the “Development Project of Youth Leaders for Environmental Activities in Northeast Asia 2022.”

Under the theme of "Environmental Protection Practiced in Daily Life," we discussed our practices for green consumption and eco-friendly consumption, exchanged opinions on environmental issues such as ecosystem protection, and shared materials on our environmental activities. Through the project, we have realized how important it is to conserve the environment.

Acknowledging the importance of environmental conservation, we became aware that environmental problems are directly linked to the global issues such as the climate crisis. In order to solve the environmental problems, we have recognized the need for global consensus and efforts beyond regional and national boundaries.

We are determined to be informing that people in the Northeast Asia have the right to enjoy their comfortable lives and the responsibility to conserve the beautiful environment.

We declare that we take good care of nature for the environmental conservation in the Northeast Asia and participate positively in environmental protection activities in each country and region.

August 9, 2022

The participants in the Development Project of Youth Leaders for Environmental Activities in Northeast Asia 2022

(8) Closing Address

HIROSHIMA Shin-ichi

Toyama Prefectural Government, JAPAN

Director-General of Civic Affairs, Environment & Culture Department

