

 **THE GLOBE PROGRAM**



July 2023
GLOBE Annual Meeting 2023

GLOBE Japan Report

:Recent situation and schedule for 2023

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GLOBE Japan Center

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GLOBE Japan Center

in Tokyo Gakugei University, Field Studies Institute for Environmental Education (FSIEE)



We operate and support various events and activities for GLOBE schools

- Supporting observation and data entry
- Planning and holding GLOBE meetings and conferences
- Planning GLOBE school visits and GLOBE school meetings
- Offering information on GLOBE global activities etc.

GLOBE Japan Center

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Supporting Ministry

■ Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT) (1995-present)

- MEXT has been supporting GLOBE activities for GLOBE schools.
- About 15-20 schools are selected and supported by MEXT during the period of two years.
- Total of ca.220 GLOBE schools have been supported for the past 27 years.

The GLOBE program in 2020 has stopped by COVID-19 pandemic and MEXT decided to withdraw from supporting GLOBE activities.

Since 2021, the GLOBE program has re-started as a program for SDGs and been continuously supported by MEXT.

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The GLOBE program for SDGs

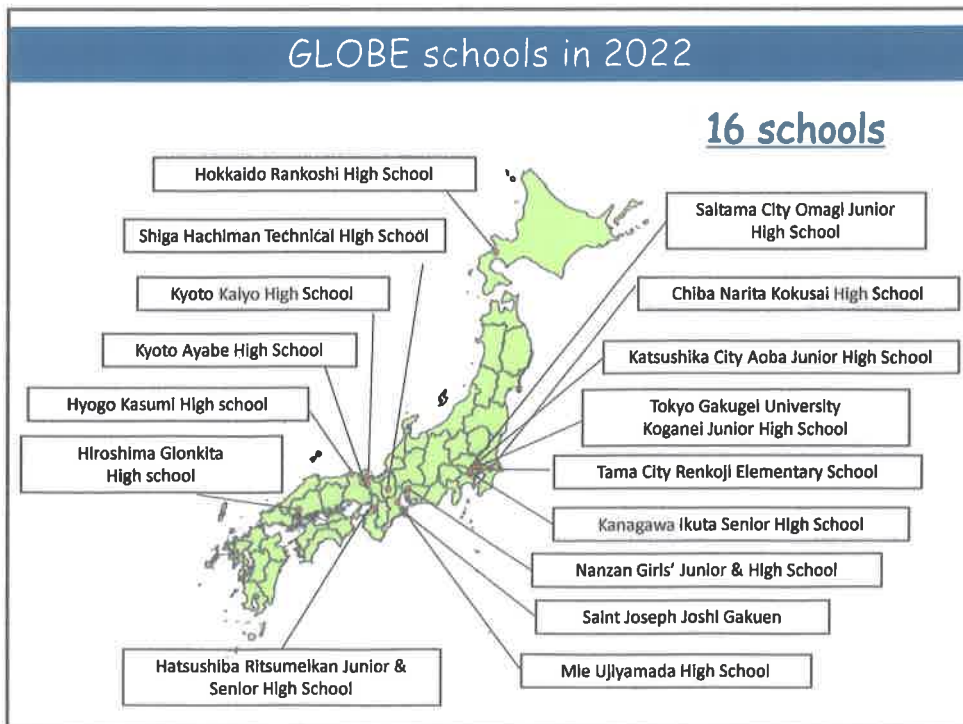
The Research Center for Environmental Education and GLOBE Japan launched the "UNESCO ESD Promotion Project" in the financial year 2021 with the aim of further promoting and expanding the GLOBE program, which is now in its 28th year.



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GLOBE Japan activities in 2022			
2022	Development of a Teacher's guide (elementary school edition)	GLOBE workshop	GLOBE training workshop and forum
June	Discussion for development of Teacher's guide	Preparation & announcement	
July			
August		Online conference for GLOBE program	Preparation & announcement
September	Creating module materials		
October			GLOBE training workshop and forum
November		Preparation & announcement	
December	Exchange of opinions and revision	Gathering of Students	
January			Certification of new GLOBE teachers
February		Evaluation of GLOBE activities in 2022	

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Hiroshima Gionkita High School



Observation of water quality

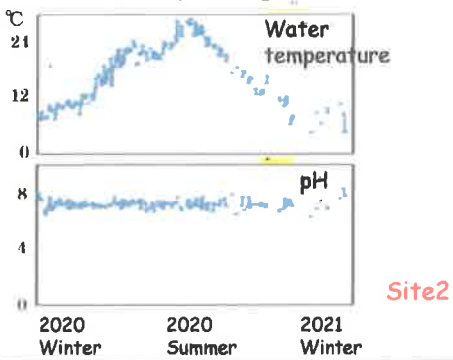


Observation of aquatic organisms



Site1
High school & Site2
Station
Downstream

出典: Yahoo!地図




Water temperature
pH
Site2

2020 Winter 2020 Summer 2021 Winter


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Kyoto Kaiyo High School


- Monitoring water quality in ocean (water temperature, salinity, pH, water transparency, dissolved oxygen, temperature, cloud cover, cloud type)
- Working on a marine debris survey
- Participating in marine cleanup activities




Observation site









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Tama City Renkoji Elementary School

- Observation of temperature, humidity, and cloud cover
- Observation data is used for learning activities to think about global warming and renewable energy.
- Conducting original exploratory studies of the local natural environment, such as satoyama and rivers.



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Nanzan Girls' Junior & High School

- Observation of water quality, cloud over, cloud type, green-up and green-down
- Observation results have been presented at academic conferences.



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Collaboration between GLOBE Schools

- Collaboration between GLOBE schools located at upstream and river mouth of the Yura River
- They jointly conduct surveys and cleanup activities and hold student exchange meetings.



Marine debris survey
Aquatic organisms survey



River cleanup activity

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GLOBE training workshop and forum

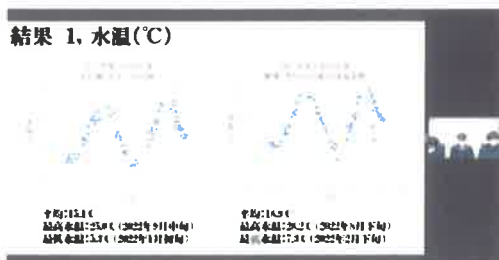
Sixteen participants, including the Koganei City Superintendent of Education and elementary school teachers in the city, were trained on observations and investigations into the atmosphere, pedosphere, biosphere, and hydrosphere and were certified as GLOBE Teachers.



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A Gathering of Students held on December

Students presented the results of their GLOBE activities, with many schools focusing on their research on issues focusing on regional characteristics in addition to GLOBE's measurement items. Attempts were made to understand phenomena by combining chemical and biological data. Each school showed a serious attitude toward local environmental issues and SDGs.



Virtual meeting

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Development of a Teacher's guide for Achieving SDGs Using GLOBE



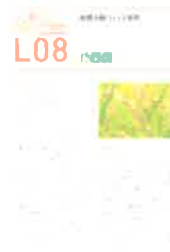
"Theory" section



"practical" section



"regional" section



In 2022, we developed a Teacher's Guide (elementary school edition) to disseminate and develop GLOBE activities that respond to the diversity and characteristics of the local natural environment and culture. The guide's contents are continuously enhanced by utilizing it in workshops for teachers.

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New GLOBE Japan activities in 2023		
2023	Development of a Teacher's guide (Junior and Senior High School edition)	GLOBE training workshop and forum
May	Discussion for development of	
June	Teacher's guide	
July		Preparation & announcement
August	Creating module materials (including exchange of opinions and improvements)	GLOBE training workshop and forum
September		
October		
November		
December		
January	Revision	Certification of new GLOBE teachers
February		Evaluation of GLOBE activities in 2023

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Thank you !

COUNTRY COORDINATORS (2021~):
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 Secretary general of GLOBE Japan Center)

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