

# JAPAN

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Cooperating organizations:

Ministry of Education, Culture, Sports, Science and Technology (MEXT)  
Science, Innovation and Development Unit, Economic and Scientific Affairs, U.S.  
Embassy Tokyo

Participating schools (2024):

- Elementary School
  - Renkouji Elementary School
  - Kumano Fukuyama City Elementary School
- Junior High School
  - Tokyo Gakugei University Koganei Secondary School
- Junior and Senior High School
  - Nanzan Girls' Junior&Senior High School
  - Seishin Junior High School / Seishin Girls' High School
  - Hiroshima University-affiliated Fukuyama Junior & Senior High School
- High School
  - Rankoshi High School
  - Ujiyamada High School
  - Hachiman Technical High School
  - Kanagawa Prefectural Ikuta High School, Japan
  - Kyoto Kaiyou High-school, Japan
  - Kasumi High School, Japan
  - Hiroshima Prefectural Gionkita High School
  - Aomori Prefectural Nakui Agriculture High School

Funding by:

Ministry of Education, Culture, Sports, Science and Technology (MEXT)

GLOBE protocols used in country:

## ***REPORT FOR 2024***

Atmosphere (Cloud, Temperature, Barometric pressure, Relative Humidity etc)  
Hydrology (Water Transparency, Water Temperature, Dissolved Oxygen, Salinity, Electrical Conductivity, Freshwater Macroinvertebrates etc)  
Pedosphere (Soil Characterization, Soil Moisture etc)  
Biology (Biometry, Phenology (Green-up, Green-down) etc)

### Number of schools currently reporting data (2024):

10 schools

(Kyoto Kaiyou High-school, Aomori Prefectural Nakui Agriculture High School, Ujiyamada high school, Hiroshima Prefectural Gionkita High School, Hokkaido Rankoshi High School, Japan GLOBE v-School, Nanzan Girls' Senior High School, Seishin Junior High School / Seishin Girls' High School, Attached Fukuyama Junior High School, Hiroshima University, Kasumi High School)

### Description of the program in your country and recent activities in 2024:

#### **1. GLOBE workshop on 11<sup>th</sup> January 2025**

GLOBE staff teachers gave lectures on the GLOBE protocols (Atmosphere, Hydrosphere, Pedosphere and Biosphere) to school teachers, university students and high school students, 26 people in total. These participants will get GLOBE teacher/students accounts after the workshops.

#### **2. Student Conference Held in Tokyo, 12<sup>th</sup> January 2025**

The Student Conference was held in 12<sup>th</sup> January 2025 at Tokyo Gakugei University in Tokyo. 7 GLOBE schools (students and teachers) and other three practical schools (designated by MEXT) joined in the conference and had oral and poster presentations. At the oral presentation, the representatives from 10 schools gave their presentation on their local environments. After the oral presentations, 7 schools made poster presentations. They could share their experiences and challenges with other participants. The conference provided a wonderful opportunity for all the participants including local citizens to share the results of their research and to realize how students at other schools were similarly involved in GLOBE. Students who have an interest in environmental conservation realized their opportunities to expand beyond the scope and reach of their research, and they were encouraged to continue their daily observations and measurements.

#### **3. School Visit**

The staff teachers of GLOBE Japan Center visited the GLOBE school, Tokyo Gakugei University Koganei Secondary School on 7<sup>th</sup> October, 12<sup>th</sup> December and Renkouji Elementary School on 13<sup>th</sup> November in 2024. We visited the observation sites and gave the GLOBE teachers and students some advices.

#### **4. Introduction of GLOBE activities in Japan through public events.**

GLOBE Japan Center joined the public events (Kodaira Environmental Festival, on 12<sup>th</sup> May 2024) and introduced the research activities by GLOBE school in Japan.