

# JAPAN

Name: **Dr. Toshihiko HIGUCHI**  
Function: Country Coordinator CC  
Organization: Tokyo Gakugei University (Professor)  
E-mail: [globejpn@ml.u-gakugei.ac.jp](mailto:globejpn@ml.u-gakugei.ac.jp)  
Tel: 81-42-42-329-7664  
Website: <http://fsifee.u-gakugei.ac.jp/globe/>

Name: **Dr. Tomoyo F. KOYANAGI**  
Function: Assistant CC Secretary General of GLOBE Japan Center  
Organization: Tokyo Gakugei University (Senior Assistant Professor)  
E-mail: [globejpn@ml.u-gakugei.ac.jp](mailto:globejpn@ml.u-gakugei.ac.jp)  
Tel: 81-42-42-329-7664  
Website: <http://fsifee.u-gakugei.ac.jp/globe/>

## Cooperating organizations:

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

## Participating schools:

### ■ Supported by MEXT

- Elementary School  
Nagatadai Elementary School,  
Renkouzi Elementary School,
- Junior and Senior High School  
Nanzan Girls' Junior&Senior High School,  
Saint Joseph Joshi Gakuen
- High School  
Hokkaido Kamikawa Senior High School  
Tokyo Gakugei University Senior High School,  
Hachiman Technical High School,  
Ikuta High School,  
Seta Technical High School,  
Kyoto Kaiyou High School,  
Prefectural Ayabe High School (East Branch),  
Kasumi High School,  
Uwajima Fishery High School,  
Jyoto High School, Kikuchi High School

### ■ Others

- Elementary School  
Tachikawa Daihachi Elementry School
- Junior High School  
Shimizuokitsu Junior High School

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- Junior and Senior High School  
MIHO Institute of Aesthetics
  
- High School  
Meikei High School  
Mizuho Nogei High School  
Kanagawa Prefectural Mukainooka Technical High School  
(Evening Classes, Integrated Course)  
Toyama Prefectural Toyama Chubu Senior High School

### **Funding by:**

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

### **GLOBE protocols used in country:**

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

### **Number of schools currently reporting data (2018):**

15 schools supported by MEXT  
- 2 Elementary Schools, 2 Junior High Schools and 13 High Schools.  
(2 Schools are Junior and Senior High Schools)

### **Description of the program in your country and recent activities in 2018:**

#### **1. GLOBE teachers Conference (web Conference)**

The GLOBE teachers Conference was held on 12 July 2018 by connecting three places (Tokyo Gakugei University, the conference room at Kyoto and Jyoto High School) on the web. Teachers from 14 GLOBE schools took part in this event and shared the progress and issues of their GLOBE activities.

#### **2. GLOBE JAPAN Student Conference Held in Tokyo, 23-24 November, 2018**

The 10th GLOBE JAPAN Student Conference was held from 23-24 November 2018 at Tokyo Gakugei University and Koganei Kominkan in Tokyo. 41 GLOBE students and 17 GLOBE teachers from 15 GLOBE schools attended. This event is supported by the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT). The U.S. Embassy in Japan offered the information of this event on their facebook. During the opening ceremony, Mr. Hideki Fujieda, an official of MEXT, Prof. Toshisada Deguchi, President of Tokyo Gakugei University, Dr. Toshihiko Higuchi, GLOBE Japan Country Coordinator, and Mr. Garvey McIntosh, NASA Attaché in Asia, gave address to the participants. At the end of the opening ceremony, Dr. Tony Murphy gave a video address. His message encouraged the students to continue their GLOBE activities and realized their opportunities to attend any conferences or expeditions with other GLOBE members abroad. At the oral presentation, the representatives from 15 GLOBE schools gave their presentation on their local environments. High school students mainly presented on hydrology using GLOBE protocols. Ikuta High school, which attended the 6th GLOBE Learning Expedition in Ireland 2018, gave a presentation on what they experienced there and we could share the GLE programs such as cultural events, excursion and so on. On the second day, 15 GLOBE schools and one non-GLOBE school made poster presentation at Koganei Kominkan. 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

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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.



Group photo



Oral presentation



Poster presentation

### 3. School Visit

The staff teachers of GLOBE Japan Center visited the GLOBE school. They investigated the observation sites and gave the GLOBE teacher some advice.

**2019**

8 March Saint Joseph Joshi Gakuen (Junior and Senior High School)