

環境学分野 活動報告

- － JGP 環境学分野 HP 開設 ※現在英語ページのみ  
<http://www2.jgp.ges.kyoto-u.ac.jp/> (英)
- － 地球環境学舎スプリングスクール実施 (別添チラシ)
- － ダブルディグリープログラム実施 2018年4月～  
(マヒドン大学、ボゴール農業大学、インドネシア大学)

# 【Field study sties and activities】

## Maizuru, Kyoto (3<sup>rd</sup> - 4<sup>th</sup> Mar.)

### 【Marine environment】

Understanding marine environment and biodiversity in the Sea of Japan through the evaluation of several water parameters, and composition of fishes and benthos identified by molecular genetic techniques.

#### Activities in the plan

Sampling, sorting and identification of marine organisms, DNA extraction and analysis, Onboard training etc.



## Kyoto University, Kyoto (29<sup>th</sup> Feb. & 1<sup>st</sup> Mar.)

### 【Atmospheric chemistry】

Understanding air pollution studies such as kinetic study for NO<sub>x</sub>, ozone reaction, and air quality observation in Kyoto, and Experiencing Aerosol formation experiments on secondary organic aerosols from ozonolysis, and aerosols from plant emissions

## Lake Biwa, Shiga (20<sup>th</sup> - 22<sup>nd</sup> Feb.)

### 【Fresh water environment】

Understanding the environment and human activities in Biwa Lake through learning the natural history, local livelihood, wastewater treatment, environmental conservation activities and eco-tourism.

#### Activities in the plan

Visiting local community around Lake Biwa, bird watch center, museum, reed-Community natural rehabilitation site, water purification center etc.

## Mt. Aso, Kumamoto, Kyusyu (24<sup>th</sup> - 27<sup>th</sup> Feb.)

### 【Mountainous environment】

Understanding the roles of volcanoes in Japan from the perspectives on agriculture, natural ecosystems and natural disasters.

#### Activities in the plan

Visiting hot-spring village, geothermal power plant, museum, agricultural land, Mt. Unzen disaster memorial hall, climbing volcanic mountain etc.



# Measuring Our Environments - International Spring School at Kyoto -

Graduate School of Global Environmental Studies,  
Kyoto University

資料 11

### 【Outline】

A program “Measuring Our Environments, International Spring School at Kyoto” is designed to understand the mountainous, fresh water and marine environment in Japan through both lecture courses and field studies. This program provides various techniques and knowledge of environmental science (environmental engineering, marine ecology, atmospheric chemistry, agronomy, and soil science) in the international academic culture of Kyoto University.

In total, 21 students of 11 nationalities from 16 Universities gather and spend 3 weeks together to learn the environmental studies in the western Japan.



## 【 Schedule (2016) 】

**February** 17<sup>th</sup> Arrival  
18<sup>th</sup> Guidance  
19<sup>th</sup> Laboratory visit 1 & 2  
20<sup>th</sup>-22<sup>nd</sup> Field study tour in Biwa Lake (Shiga)  
23<sup>rd</sup> Laboratory visit 3 & 4  
24<sup>th</sup>-27<sup>th</sup> Field study tour in Mt. Aso (Kumamoto)  
28<sup>th</sup> Group discussion  
29<sup>th</sup> Observation and experiments in atmospheric chemistry

**March** 1<sup>st</sup> Observation and experiments in atmospheric chemistry  
2<sup>nd</sup> Laboratory visit 5 and 6  
3<sup>rd</sup>-4<sup>th</sup> Field study in Maizuru Fisheries Research Station (Kyoto)  
5<sup>th</sup> Kyoto city tour  
6<sup>th</sup> Preparation for seminar  
7<sup>th</sup> Wrap up Seminar of Spring School  
8<sup>th</sup> Departure

### 【Laboratory Visits (19<sup>th</sup>, 23<sup>rd</sup> February, & 2<sup>nd</sup> March)】

During the Spring School, participants will have laboratory visit 4-6 times to learn our specific research topics, knowledge and know-how in environmental studies.

### 【List of Laboratories】

- Global Environmental Policy (Prof. Usami)
- Global Ecological Economics (Assoc. Prof. Mori)
- Environmentally-friendly Industries for Sustainable Development (Prof. Fujii)
- Environmental Infrastructure Engineering (Prof. Katsumi)
- Environmental System Biology (Prof. Mori)
- Earthquake Disaster Risk Management (Prof. Kiyono)
- Environmental Biotechnology (Prof. Miyashita)
- Atmospheric Chemistry (Prof. Kajii)
- Terrestrial Ecosystems Management (Prof. Funakawa)
- Ecosystem Production and Dynamics (Prof. Osawa)
- Landscape Ecology and Planning (Prof. Shibata)
- Regional Planning (Assoc. Prof. Saizen)
- Sustainable Rural Development (Prof. Hoshino)

### 【Accommodation】

In Kyoto: Urban Hotel Kyoto  
4-59 Fukakusa Nishiura-cho, Fushimi-ku,  
Kyoto 612-0029  
TEL +81-75-647-0606  
<http://uh-urban.com/kyoto/en/>

In Shiga: Hikone View Hotel  
1435-91 Ajiroguchi, Matsubara-cho,  
Hikone, Shiga 522-0002  
TEL +81-74-926-1111  
[http://www.itoenhotel.com/search\\_hotel/hotellist/830\\_hikone/tabid/80/Default.aspx](http://www.itoenhotel.com/search_hotel/hotellist/830_hikone/tabid/80/Default.aspx)

In Kyusyu: Hotel Kanpo no Yado, Aso  
5936 Miyaji, Ichinomiya-cho, Aso  
Kumamoto 869-2612  
TEL +81-96-722-1122  
<https://www.kanponoyado.japanpost.jp/aso/>

In Maizuru, Kyoto: Field Science Education  
and Research Center, Kyoto University  
Nagahama, Maizuru, Kyoto 625-0086  
TEL: +81-77-362-5512  
<http://www.maizuru.marine.kais.kyoto-u.ac.jp/en/>

### 【Website】

<http://www2.ges.kyoto-u.ac.jp/en/news/>  
<http://www2.jgp.ges.kyoto-u.ac.jp/>

### 【Contact】

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