

International Autumn School for Environmental Studies 2018

October 20th - November 6th, 2018

Graduate School of Global Environmental Studies,
Kyoto University

Graduate students with an interest in learning about Japan's cutting-edge environmental studies and sustainability challenges through expert lectures and field visits throughout western Kansai region are invited to apply for this subsidized 16-day-program. Topics of study include forest resource management, solid waste management, water treatment, agriculture, natural disasters and the atmospheric environment. International participants from universities worldwide will contribute unique perspectives, allowing for a diverse, multinational exploration of these topics. The program and field visits will touch upon several different areas within environmental science, including engineering, agronomy, disaster prevention, and atmospheric chemistry, and students will gain from unique Japanese cultural and travel opportunities. Students demonstrating a superior academic record and an interest in international academic exchange are urged to apply for this scholarship-based program, which covers travel and most of the associated costs.

Water & water treatment system around Lake Biwa

(1st - 3rd Nov.)

Investigating the environment and human activities around Lake Biwa with a focus on water (usage, sewage treatment, rain water treatment) and local livelihoods for conservation of the lake environment.



Waste disposal in Kyoto (31st Oct.)

Learning about solid waste management and challenges to achieving a low carbon lifestyle and zero emissions in Kyoto.



Forestry and wood-based culture at Ise shrine & tourism in Mie, Wakayama (23rd-24th Oct.)

Explore Japan's indigenous heritage, Shintoism, by learning about wooden architecture, and sustainable forestry and tourism.



A few additional side trips may be conducted, such as Osaka (Dotonbori) and Nachikatsuura (morning fish market).



Interacting with culture and people in Kyoto (27th Oct.)

Together with Kyoto University students we will visit cultural and historical places in Kyoto city to gain an in-depth understanding of this 1,200-year-old city.

Autumn school special seminar

(Lecture series) Kyoto University (22nd Oct.)

Lectures regarding forestry and forest resources, solid waste management, water treatment, agriculture, and natural disasters in Japan will be provided to improve understanding for field studies.

Atmospheric chemistry in Kyoto

(29th - 30th Oct.)

Learn about air pollution studies such as kinetic study for NO_x, ozone reaction, and air quality observation in Kyoto, and participating in aerosol formation experiments on secondary organic aerosols from ozonolysis, and aerosols from plant emissions.



Soils, forests, agriculture & disaster preparedness in Wakayama (24th - 26th Oct.)

Learn about forests in Japan from the perspectives of agriculture (soils), ecology (forests) and livelihoods (timber, charcoal and mandarin orange cultivation). We'll also hear local narratives about natural disasters (tsunami, earthquakes, floods, landslides) in the past and current disaster preparedness.



October 20

【Schedule for 2018 Program】

Arrival

21

Orientation & Presentations

22

AS Special Seminar (lecture series)

23-26

Field study of Mie & Wakayama

27

Kyoto city cultural tour

28

Group discussion

29-30

Atmospheric Chemistry Seminar

31

Field study in Kyoto

November 1-3

Field study in Shiga

4

Preparation for final seminar

5

Final seminar and discussion

6

Departure



【Requirements】

Successful applicants will be high achieving students who are currently registered with a full-time or part-time master's or doctoral program and have been recommended by one of these universities: University of California, San Diego (U.S.A.), Université Lille (France), University of Western Brittany Brest (France), University of Caen Normandy (France), University of Stirling (Scotland), University College Cork (Ireland), University of Modena and Reggio Emilia (Italy), KU Leuven (Belgium), Macquarie University (Australia), Sokoine University of Agriculture (Tanzania), Banaras Hindu University (India), Mahidol University (Thailand), Kasetsart University (Thailand), Gadjah Mada University (Indonesia), Bogor Agricultural University (Indonesia), Tsinghua University (China), National Taiwan University (Taiwan), and Kyoto University. Student must return to their graduate program after completing the Autumn School.



【Application documents】

- Application form (On-line application, includes, Applicability for visa)
- Latest academic transcripts (graduate or undergraduate courses)
- Recommendation letter from your current academic supervisor
- Certificate of your current student status
- Curriculum vitae

【Important Dates】

14th July: Application process begins

29th July: Application deadline

End-July: Notification of screening

Early August: Interview

(by Skype, video conference system)

Mid. Aug.: Submission of original documents, confirmation letter, and a copy of passport

End of August: Final notification of acceptance



【Program in brief】

The program begins with participants sharing information about their country of origin through the country-specific topics of forest resource management, solid waste management, water treatment, agriculture, natural disasters and the atmospheric environment. Participants will then experience and learn about Japan via a lecture series, field studies and a seminar to deepen understanding of each topic. The program concludes with final presentations by participants that integrate what they have learned throughout the program. The final presentation precedes a discussion of future activities or approaches that may help to mitigate or solve the sustainability challenges unique to each of the participants' countries.

【Accommodations】

Dormitory

- Room sharing
- Arranged by Kyoto University
- Men and women room separately.

【Expenses incurred by individual participants】

- Accident/travel insurance
- Expenses for daily meals (breakfast, lunch and dinner)
- Transportation costs between dormitory and Kyoto Univ.
- Transportation costs between your university and airport
- Transportation costs between airport (Osaka) and dormitory

【Scholarship coverage】

- Airplane ticket (Round trip)
(We (Kyoto Univ.) will arrange.)
- Transportation cost during field study
- Accommodation fee

【Number of students to be accepted】

- 16 (Designated Universities
*See Requirements)
- 4 (from Kyoto University)

【Notification】

There may be some modifications of schedule and contents. We will inform you immediately of any modifications. For more information, please check our website.

【Website】 <http://www2.jgp.ges.kyoto-u.ac.jp/>

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