



京都大学

KYOTO UNIVERSITY  
GRADUATE SCHOOL OF ENERGY SCIENCE



ASEAN  
University  
Network

## Winter Seminar on HSD through Energy Science

This seminar is designed for undergraduate students to study the concept of Human Security Development (HSD) through Energy Science. The main theme of this seminar is energy development, which is an important issue in Human Security Development. The participating students are expected to deepen their knowledge on human security development through energy science with the prospect of finding solutions to technological, socio-economic and political issues in Asia specifically. The seminar will offer lectures and class discussions as well as organize field trips and cultural events. Applicants are not limited to engineering, economics, or science – all fields are welcome.

**Tentative Program: (11 – 23 January, 2021) Place: Kyoto University, Kyoto Japan**

Date	Schedule (tentative)	Date	Schedule (tentative)
11 (Mon)	◆Arrival in Japan	18 (Mon)	◆Energy Efficiency ◆Technologies for Reducing CO <sub>2</sub> Emissions
12 (Tue)	◆Guidance, introduction of Kyoto University ◆Solar Energy	19 (Tue)	◆Energy and Sustainability Workshop
13 (Wed)	◆Energy Storage ◆Wind Turbine	20 (Wed)	◆Biomass energy ◆Debate
14 (Thu)	◆Energy Grid or Liq. Hydrogen, Superconductivity ◆Hydrogen Energy	21 (Thu)	◆Global Energy Situation ◆Group work for their presentation
15 (Fri)	◆Field study trip	22 (Fri)	◆Group work for finalizing their presentation ◆Group presentation, Wrap up discussion
16 (Sat)	◆Field study trip	23 (Sat)	◆Leave Japan
17 (Sun)	◆Cultural tour		

### Application

- All participants are required to pay a JPY10,000 participation fee, which includes field studies, and other necessary expenses during the seminar.  
Note: Participants must pay travel expenses by themselves – further details in the application guide.
- Target students: Undergraduate level
- The number to be admitted: 25 students in total from overseas universities.
- For further information, please refer to the application guidelines.
- **Due to the spread of coronavirus infection, this seminar may be held online. And the content of the seminar is subject to change. (The classes and group work will be held online too, but field trip and cultural tour will not be done.)**

### Contact

- Website: <http://www.energy.kyoto-u.ac.jp/en/winter-seminar/>
- E-mail: [energykyoumu@mail2.adm.kyoto-u.ac.jp](mailto:energykyoumu@mail2.adm.kyoto-u.ac.jp)

