

Syllabus
International Exchange (International Technical Cooperation EP) (Soka)
Collaborative Project Studies on Disaster, Environment, and Climate Challenges in the
Context of SDG (ITS)

Fall Semester / 2025

(Wednesday: 13:05-14:35 JP / 11:05-12:35 ID)

(<https://us02web.zoom.us/j/89162957885?pwd=ocSa9kAzTqZI4BgRdjoRfJsKHLIfEb.1>)

- **Evaluation criteria**

Criteria	Detail	Due	Percentage
Mid-term report	Each student writes an individual mid-term report (2 or more pages) in English regarding the project decided by the group (Soka and ITS separately).	11/12	25%
Final report	Each student writes an individual final report (3 or more pages) in English regarding the project decided by the group (Soka and ITS jointly).	1/14	30%
Oral presentation	Each group (Soka and ITS jointly) prepares a PowerPoint presentation regarding the project in English (one presentation by group). Evaluated by instructors and TAs.	12/17	40%
Active participation			5%

- **Discussion topics and groups**

Each student selects one of the 4 discussion topics below and make groups among Soka and ITS students to discuss about the current situations/problems and come up with solutions for the topic.

1. **IT for Disaster Management** (Dr. Retno Aulia Vinarti, ITS)
2. **Earthquake and Flood in Indonesia** (Dr. Wahyudi Citrosiswoyo, ITS)
3. **Waste Problems in Indonesia** (Dr. Idaa Warmadewanthi, ITS)
4. **Livestock and Climate Change** (Prof. Berhanu Belay, Ethiopia)

- **Class schedule**

#	Date	Contents	Instructors Soka	Instructors ITS
1	9/17	Program opening Guidance Group introduction Ice-breaking games	Sato, Toda	All
2	9/24	Lecture 1: IT for Disaster Management Q&A Session Group discussion/worksheet	Sato, Toda	Retno
3	10/1	Lecture 2: Earthquake and Flood in Indonesia Q&A Session Group discussion/worksheet	Sato, Toda	Wahyudi
4	10/8	Lecture 3: Waste Problems in Indonesia Q&A Session	Sato, Toda	Idaa

		Group discussion/worksheet		
5	10/15	Lecture 4: Livestock and Climate Change Q&A Session Group discussion/worksheet	Berhanu	TBI
6	10/22	Group discussion (conducted for each university separately)	All	TBI
7	10/29	Group discussion (conducted for each university separately)	All	TBI
8	11/5	Group discussion (conducted for each university separately)	All	TBI
9	11/12	Group discussion (conducted for both universities jointly)	All	TBI
10	11/19	Group discussion (conducted for both universities jointly)	All	TBI
11	11/26	Group discussion (conducted for both universities jointly)	All	TBI
12	12/3	Group discussion (conducted for both universities jointly)	All	TBI
13	12/10	Group discussion (conducted for both universities jointly)	All	TBI
14	12/17	Oral presentation (conducted by group with both universities jointly)	All	All
15	1/14	Closing and program reflection (only for Soka)	All	All