

Sophia University – Summer Session 2024

June 28th – July 19th, 2024 *June 28th: Orientation *July 5: No-class day

Date: [June 25, 2024 \(updated\)](#)

Course Title	Global Sustainability Outlook and Practice in Japan
Course Code	ENZ200
Instructor	黄光偉 (コーディネーター) プテンカラム ジョン ジョセフ、織朱實、あん・まくどなると、安納住子、 鈴木政史、柘植隆宏、銭学鵬、中川善典、朴慧美、ジェミンスカ エディータ (理 工学部)、豊田剛己 (東京農工大学) Guangwei Huang (Coordinator) John Joseph Puthenkalam, Akemi Ori, Anne McDonald, Sumiko Anno, Masachika Suzuki, Takahiro Tsuge, Xuepeng Qian, Yoshinori Nakagawa, Haemi Park, Dzieminska Edyta, Koki Toyoda
Class Period	1st period 9:00–10:40
Course Format	In-Person
Language of Instruction	English
Course Description	<p>This is an introductory but transdisciplinary course focusing on various environmental issues from water management, aquatic ecology, urbanization, environmental regulation, environmental policy, environmental business, economic valuation of the environment, remote sensing for environmental conservation, renewable energy development, environmental sociology, sustainable agriculture, and environmental education as well.</p> <p>In addition to theories and concepts, we will explain current practices in environmental management in Japan and field survey methods and essential skills for environmental data analysis.</p> <p>The course is mainly taught by Professors from Graduate School of Environmental Studies.</p>
Course Objectives	To develop a better understanding of pathways toward sustainability and learn SDGs initiatives in Japan.
Expected work outside of class	One hour of study to review what is taught in class.
Course Materials	Readings will be available on Moodle or distributed during classes. Purchase of textbook: not necessary e-book: not applicable
Moodle	Moodle may be used for the class depending on the instructors.
Contact Instructor	•via Moodle message

	<ul style="list-style-type: none"> •via Email <p>*The email address will be available at CGED office or informed by the instructor in the first class if needed.</p>
Evaluation (Attendance, Class participation, in-class assignments, final exam, quizzes, etc.)	<p>Attendance: 30% (Four absences is an automatic "Fail")</p> <p>Reaction papers: 45% (Daily reaction papers required)</p> <p>Final Report: 25% (There will be a final in-class essay exam)</p>
Other comments	Having a spirit to step out of your comfort zone
Class schedule	<p>*June 28: Orientation</p> <p>*July 5: No-class day</p> <p>*The following schedule has been updated on May 14th, 2024.</p>
	<p>[DAY 1] July 1</p> <p>Lecture 1: Sustainability Transformation</p> <p>Prof. Guangwei Huang</p>
	<p>[DAY 2] July 2</p> <p>Lecture 2: Environmental Law in Japan</p> <p>Prof. Akemi Ori</p>
	<p>[DAY 3] July 3</p> <p>Lecture 3: Sustainable Development in Developing Countries-Japan's Role</p> <p>Prof. John Joseph Puthenkalam</p>
	<p>[DAY 4] July 4</p> <p>Lecture 4: Remote Sensing for Environment Conservation</p> <p>Prof. Haemi Park</p>
	<p>[DAY 5] July 8</p> <p>Lecture 5: Economic Valuation of the Environment</p> <p>Prof. Takahiro Tsuge</p>
	<p>[DAY 6] July 9</p> <p>Lecture 6: Renewable Energy Development Policy in Japan</p> <p>Prof. Xuepeng Qian</p>
	<p>[DAY 7] July 10</p> <p>Lecture 7: Sustainable Agriculture</p> <p>Prof. Koki Toyoda</p>
	<p>[DAY 8] July 11</p> <p>Lecture 8: Energy Technology Development</p> <p>Prof. Edyta Dzieminska</p>
	<p>[DAY 9] July 12</p> <p>Lecture 9: Environment-minded Business</p> <p>Prof. Masachika Suzuki</p>
[DAY 10] July 15	

	Lecture 10 Data Science Frontier in Japan Prof. Sumiko Anno
	[DAY 11] July 16 Lecture 11: Ecological Study Prof. Guangwei Huang
	[DAY 12] July 17 Lecture 12 Environmental Policy in Japan Prof. Anne McDonald
	[DAY 13] July 18 Lecture 13 Environmental Sociology Research in Japan Prof. Yoshinori Nakagawa
	[DAY 14] July 19 Lecture 14 Integrated Watershed Management in Japan Prof. Guangwei Huang

*Course format, evaluation methods and class schedule may be subject to change.