

Sophia University – Summer Session 2025

June – July, 2025

Course Title	Global Sustainability Outlook and Practice in Japan
Course Code	ENZ200
Instructor	<p>黄光偉（コーディネーター）</p> <p>プテンカラム ジョン ジョセフ、田中嘉成、安納住子、鈴木政史、柘植隆宏、中川善典、銭学鵬、ジェミンスカ エディータ（理工学部）、Nkweauseh Reginald Longfor、豊田剛己（東京農工大学）、Vindya Hewawasam</p> <p>Guangwei Huang (Coordinator)</p> <p>John Joseph Puthenkalam, Yoshinari, Tanaka, Sumiko Anno, Masachika Suzuki, Takahiro Tsuge, Yoshinori Nakagawa, Xuepeng Qian, Dzieminska Edyta, Nkweauseh Reginald, Longfor, Koki Toyoda, Vindya Hewawasam</p>
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	<p>Readings will be available on Moodle or distributed during classes.</p> <p>Purchase of textbook: not necessary</p> <p>e-book: not applicable</p>
Moodle	Moodle may be used for the class depending on the instructors.

Contact Instructor	<ul style="list-style-type: none"> •via Moodle message •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	*: Orientation
	<p>[DAY 1, July 2]</p> <p>Lecture 1: Renewable Energy Development Policy in Japan</p> <p>Prof. Xuepeng Qian</p>
	<p>[DAY 2, July 3]</p> <p>Lecture 2: Environment Governance</p> <p>Prof. Nkweauseh Reginald Longfor</p>
	<p>[DAY 3, July 7]</p> <p>Lecture 3: Data Science Frontier in Japan</p> <p>Prof. Sumiko Anno</p>
	<p>[DAY 4, July 8]</p> <p>Lecture 4: Business Continuity and disaster recovery</p> <p>Dr. Vindya Hewawasam</p>
	<p>[DAY 5, July 9]</p> <p>Lecture 5: Environment-minded Business</p> <p>Prof. Masachika Suzuki</p>
	<p>[DAY 6, July 10]</p> <p>Lecture 6: Sustainability Transformation</p> <p>Prof. Guangwei Huang</p>
	<p>[DAY 7, July 11]</p> <p>Lecture 7: Sustainable Development in Developing Countries-Japan's Role</p> <p>Prof. John Joseph Puthenkalam</p>
	<p>[DAY 8, July 14]</p> <p>Lecture 8: Economic Valuation of the Environment</p> <p>Prof. Takahiro Tsuge</p>
	<p>[DAY 9, July 15]</p> <p>Lecture 9: Energy Technology Development</p> <p>Prof. Edyta Dzieminska</p>
	[DAY 10, July 16]

	Lecture 10 Ecological Study Prof. Yoshinari Tanaka
	[DAY 11, July 17] Lecture 11: Integrated Watershed Management Prof. Guangwei Huang
	[DAY 12, July 18] Lecture 12 Environmental Sociology Research in Japan Prof. Yoshinori Nakagawa
	[DAY 13, July 21] Lecture 13 Sustainable Agriculture Prof. Koki Toyoda
	[DAY 14, July 22] Lecture Wrap up Dr. Vindya Hewawasam, Prof. Guangwei Huang

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