

永續發展目標（SDGs）與低碳生活  
國際移地教學：

日本靜岡縣富士市海外田野實作

暨

早稻田大學社會科學院合作簽約

成果報告書

2024 年 6 月 22 日至 2024 年 6 月 27 日

任課教師：張瑋琦、楊宗翰

# Contents

1.Introduction to fieldwork trip study.....	3
2.Fieldwork in Fuji City.....	10
3.Student works.....	23
4.Appendix.....	27

# 1.Introduction to fieldwork trip study

## **Backgroud**

Faculty of Education at National Tsing Hua University and the School of Social Sciences at Waseda University signed a school-to-school academic cooperation agreement in 2019. In addition to agreeing on cooperation and exchanges in more courses and academic research between the two universities (schools), the Faculty of Education at National Tsing Hua University Professor Chi-Hui Lin said that the two parties have agreed to provide three exchange students every year to study at the other school for one year. This is also the first time that the Faculty of Education has an exchange programme with Waseda University's School of Social Sciences. The College of Social Sciences at Waseda University is a college composed of interdisciplinary disciplines. Its teaching and research are centred on social practice and focus on field learning, which is very consistent with the direction of "Sustainable Development Education Expertise" of the Department of Environmental and Cultural Resources, Faculty of Education, National Tsing Hua University.

In August 2019, the two universities were led by Professor Osamu Soda, deputy academic dean of the School of Social Sciences at Waseda University, Japan, for the first time with 11 students, and professors Wei Chi Chang and Shu Wei Huang of National Tsing Hua University led 15 students from the Department of Environmental and Cultural Resources, with Hsinchu City as The survey site provides a reference for Hsinchu City's future development of a healthy city through social design and field survey professional compilation results, and is supported by the Hsinchu City Government and the Hsinchu City Social Construction Centre. Professor Osamu Soda said that climate change and global heat waves, the prevalence of inactive lifestyles such as eating instant noodles and being addicted to the Internet, as well as poor urban design, have made community activities very poor. It is hoped that through fieldwork and dialogue with community people, we can create a healthy living environment with dynamic design. Moderate exercise, dietary habits, and social participation are 3 major factors in well-being, quality of life, and extending a healthy lifespan. Professor Wei Chi Chang of National Tsing Hua University said that the field survey targets sports, diet, and community activities, as well as public space and urban life. He hopes to understand facilities and issues related to urban health, diet, and sports through community observation and interviews with local people.

Based on this, this activity plans to lead students to Japan for overseas field internships based on the "Tsing Hua-Waseda" bilateral cooperation structure. Teachers and students from the School of Social Sciences of Waseda University in Japan and teachers and students from our school jointly formed a research team to conduct local inspections and cross-domain and cross-cultural exchanges in Japan, and jointly reported the results.

## **Introduction**

Waseda University and National Tsing Hua University held the Fuji International Programme. This studio programme is an activity that creatively explores new models and social practices and creates prototypes with invited participants, and this time the program learnt from cutting-edge initiatives such as the Fuji City SDGs Co-Imagination and Co-Creation Platform. A total of around 28 people, including 15 from Waseda University, 9 from National Tsing Hua University, and 4 faculty members, stayed in Fuji City for 4 nights, investigated SDG activities in the city, and made proposals.

This report documents the outcomes of the collaboration between the Department of Environmental and Cultural Resources at National Tsing Hua University and the School of Social Sciences at Waseda University in Japan through a Fuji International Studio Programme 富士国際スタジオプログラム. The programme aimed to explore the implementation of Sustainable Development Goals (SDGs) in Fuji City, Shizuoka Prefecture, Japan, and investigate issues such as low-carbon living, disaster prevention, ageing, and local revitalisation.

In addition, both universities are planning to launch a "Double Degree Programme" in 2025, which allows students to earn two degrees simultaneously, and this International Joint Studio Program was held as an event to commemorate the launch of this programme.

## **Regional Features**

Fuji City is located in Shizuoka Prefecture, Japan. It faces Mount Fuji to the north, Suruga Bay to the south, and Fuji River to the west. It has a beautiful environment. It has dense forests at the foot of Mount Fuji and Mount Ashitaka, rich underground water, and charming scenery. Since ancient times, the city has been famous for utilizing groundwater and forest resources to develop the pulp and paper industry, becoming one of the main bases for the paper industry. Nobel Prize winner in chemistry Akira Yoshino has also worked here for 10 years. However, in the 1960s, the pollution problem of Tianzipu Port attracted attention, and various development plans were proposed and discussed, causing social problems. The government responded proactively, cooperated, and took measures to solve the problem.

Currently, Fuji City is moving towards the goal of sustainable development, promoting "universal employment" and the development of the "Fuji Ashitaka Foothills Area", aiming to create a society where everyone can fully realize their potential. With its magnificent natural landscape and environment suitable for development, Fuji City has overcome pollution problems and become an industrial city through public-private cooperation. In order to continue its efforts towards sustainable development, the city announced its commitment to the SDGs in April 2019 and July 2020. The SDGs aim to

build a sustainable society, with a total of 17 goals and 169 targets, and solving these problems requires new and flexible thinking. Fuji City looks forward to integrating the wisdom and strength of all parties, as they vary in age, gender, ability and experience, through partnerships and "people power." Based on this concept, Fuji City strives to promote the sustainable development of the city. The mayor of the city is determined to achieve the goal of "changing the world from Fuji City" and encourages citizens, business operators and related organizations to actively participate in working together to achieve this goal.

## Overview

- Dates: Saturday 22<sup>nd</sup> June, 2024 to Thursday 27<sup>th</sup> June 2024
- Locations: Tokyo, Fuji City
- Partner Institution: Waseda University, School of Social Sciences
- Participants: Faculty and students from National Tsing Hua University and Waseda University

Table 1. Participants list

名前	Name	学年	所属（學系）
張瑋琦	CHANG, Wei-Chi	副教授	環境與文化資源學系
鄭國泰	CHENG, Kuo-Tai	教授	環境與文化資源學系
李梓彥	Li, Tsz Yin	修士一年	環境與文化資源學系研究所
陳羿絜	CHEN, Yi-Chieh	學部四年	教育學院學士班
范祐誠	FAN, YU-CHENG	學部四年	教育學院學士班
林哲泓	LIN, Che-Hung	學部三年	教育學院學士班
劉宇凡	Liu, Yu-Fan	學部四年	教育學院學士班
張庭嫻	CHANG, TING-YEN	學部四年	教育學院學士班
林禾雅	LIN He-Ya	學部四年	教育學院學士班
蔣品玟	CHIANG, Pin-Wen	學部四年	教育學院學士班
葉建銘	YEH, CHIEN-MING	學部三年	教育學院學士班
蘇哲玄	SU, CHE-HSUAN	學部三年	幼教系

## 1. Study Abroad Programme

- Schedule:
  - 22<sup>nd</sup> June: Taipei Taoyuan to Narita Airport, visits to Fuji City.
  - 23<sup>rd</sup>-24<sup>th</sup> June: Fieldworks in Fuji City, including meetings with local government officials, city tours, and deep dives into community practices related to sustainable development and low-carbon living.

- 25<sup>th</sup> June: Presentation preparation, final briefing, and farewell gathering in Fuji City.

- 26<sup>th</sup>-27<sup>th</sup> June : Visit to Waseda University, campus tour, bilateral cooperation presentations with Waseda University faculty, and signing ceremony for bilateral exchange agreements. Conclusion of activities and disbandment.

## **2. Outcomes**

- Field Survey Report: Assessment of SDGs implementation in Fuji City, in-depth analysis of local revitalisation policies, and practices of low-carbon living.

- Presentations: Present survey findings and recommendations using charts, data, and field photos.

- Bilateral Cooperation Agreement: Establishment of a framework for collaboration between National Tsing Hua University and Waseda University in sustainable development and related fields, enhancing academic exchange and cooperation.

## **3. Educational Benefits**

- Cross-cultural Exchange: Enhanced understanding of Japanese culture and societal systems through interactions with Japanese peers and professors.

- Hands-on Learning: Opportunity for field exploration and survey, enhancing students' research and analytical skills.

- Application of SDGs: A deeper understanding of SDGs in practical community contexts, providing valuable experience for future academic research and professional practice.

This study abroad programme not only deepened participants' understanding of sustainable development and SDGs implementation but also expanded the collaboration between National Tsing Hua University and Waseda University in the field of environmental and cultural resources. It is hoped that these outcomes will inspire and drive further international cooperation and academic research in the future.

## **4. Experience Abroad**

Fieldwork experience in a city known as Fuji City which has Mount Fuji since we believe it could help us learn and understand the implementation of Sustainable Development Goals in different countries through cultural immersion.

## **5. Challenges and Learning Opportunities**

In this programme, there were a lot of challenges such as language barrier, cultural differences and logistics. These experiences have helped me to acquire new skills in cross-cultural communication, being adaptable and solving problems. Through working with people from different parts of the world, We have improved our collaboration skills as well as our appreciation for other people's viewpoints.

To conclude this, our involvement as some learners in an international fieldwork scheme was very fulfilling. It improved both our intellectual capacity and

employability while also broadening our knowledge of different cultures. We look forward to continued assistance in upcoming academic exchanges across countries and other leadership roles in their successful implementation at the institution.

## **Conclusion**

1. Improve students' cultural communication skills: National Tsing Hua University students' English skills are not bad, but communication must grasp the cultural context and context. Especially when being assigned specific tasks, in-depth discussions must be conducted on the tasks to test students' communication Skill. During the five-day field trip, students from various groups came to the teacher one after another to report that they were unable to communicate with their Japanese classmates, including: Japanese students' English was not good enough, students from both countries insisted on the direction of the homework, etc. However, with the Japanese-style intensive agitation training and the introduction of the situation of dining together, the two parties were finally able to resolve their differences, and finally established a harmonious team emotion, jointly solved the task difficulties and created amazing results.
2. Improve students' English depth: This course leads students to read Japanese field materials from the beginning of this term. Students must use various translation tools to translate the reading materials into briefings and report them in class. Furthermore, students must learn to use this online information to make preliminary proposals and present them in English. After arriving in Japan, students must practice communicating with Japanese team members about their drafts, soliciting approval or seeking solutions to difficulties, and also cooperate with Japanese classmates in fieldwork to complete the task. At the presentation, since the audience was all Japanese people, the Japanese students presented in Japanese, but the Taiwanese students had to deliver in English, but the presentation document was produced in Japanese. The students' spoken English must be very clear in order to be understood by Japanese people who generally have poor English skills. This is also a big test. Overall, the English used in this course is not a daily conversation level, but an in-depth English for collecting, writing, communicating and publishing information for specific tasks, and students have improved through this process.
3. Signing a dual-degree MOU between the Institute of Environmental Literature at Tsinghua University and the School of Social Sciences at Waseda University: After long-term negotiations with Waseda University, a consensus was reached on the basis of understanding Japanese culture, and the two parties finally completed the signing of a dual-degree contract. We hope that in the future There will be more bilateral exchanges and closer international academic and teaching cooperation.



4. This fieldwork in collaboration with Waseda University has yielded fruitful results. The problems encountered during the implementation of this project, combined with the connotations of sustainable development education, digital development, etc., are very close to the purpose of the research results of this team. In the future, it is recommended to continue to strengthen the bilateral research cooperation relationship. and deepen the research connotation of related SDGs.

### **Recommendations and suggestions**

First of all, We would like to thank the Centre for EMI Excellence for subsidising the overseas fieldwork trip so that everyone can make this trip smoothly. This overseas fieldwork trip provides students with the opportunity to improve their English skills. Students from NTHU are excited to take part in this interdisciplinary and intercultural communication course. Cross-border exchanges have indeed broadened students' horizons and made them more fluent in English. Students from NTHU can communicate with Japanese students who seemed to understand but worked hard to communicate. By cooperating with Waseda students, Students from NTHU learnt about different cultures and knowledge, and improved student language skills, communication, and reporting skills. This overseas field trip allowed the students from NTHU to accumulate more experience and help them go further. This fieldwork trip abroad was a very meaningful experience for us. Thank you all very much!

The advice below might be taken into consideration for programmes of future practical training: - Support in terms of logistics implies that there are strong organisational mechanisms that are in place so as to ensure transportation is taken care of while travelling to specific places with reference to cases where living standards are quite high compared to other parts of the world like Japan. - Supporting the students means that more resources should be put into place to help the students in cases where they need guidance on how they could do it or even provide them with some funds for a tour bus which results in easing their financial stressors thus enabling them to enjoy their experiences fully.

Further Cultural Integration: Enhance cultural integration activities to increase lengthier cultural immersion learning experience and bring about substantial discourse among participants

## 2. Fieldwork in Fuji City

## 2024 日本富士市海外移地研究 行程表

日期	時間	活動
6/22 (六)	10:00-12:00	東京車站集合上巴士，前往富士市 導覽解說：早田宰教授
	12:00-13:00	白絲瀑布(「白糸の滝」)及 富士山本宮淺間大社 導覽解說：早田宰教授
	13:00-14:30	午餐
	15:00-16:30	參訪靜岡富士山世界遺產中心
	16:30	抵達旅館，各自支付住宿費，回房休息
	19:00-20:00	晚餐(自助餐)
	20:00-23:00	各組別自我介紹、夜間上課 邁向未來的永續計畫 Next SDGs (早田宰教授／早稻田大學社會科學總合學術院院長)
6/23 (日)	06:30-08:00	早餐(各自前往)
	08:30-12:00	前往 S-Pulse Dream Field Fuji 參加清水 S-Pulse“Kodomo(兒童) no Plus Festival 2024 tetote”
	12:00	午餐
	13:00-17:40	富士市的講師座談會 主持人：早田宰教授 場次 1：富士信用金庫/公共交通回数券電子化計畫 (山田祐輔／業務部次長) 場次 2：富士コミュニティエフエム放送株式会社/まちぐる Me (佐野智恵子／部長) 場次 3：一般社團法人社區遊民社/公教育と連動したキャリア教育パイロットプログラム (畑裕美／理事)
	18:00	晚餐(共同前往，自費)、各組 meeting 時間
6/24 (一)	06:30-09:00	早餐(各自前往)
	09:00-	各組自由行動，實地調查、訪談、方案及簡報完成 午、晚餐自理
6/25 (二)	06:30-09:00	早餐(各自前往)
	09:00-10:30	各組發表前的準備工作
	11:00-15:30	成果發表暨講評會 主持人：早田宰教授 評審委員：早田宰教授、鄭國泰教授、張瑋琦副教授 綜合評論：富士市地主代表 參加旁聽單位：在地居民、企業、學校教育相關者、SDGs 平台、岳南稻門会等。
	19:00	慶功宴(慰勞、交流會) 參加者：早大及清大師生、森田副市長、市役所職員、岳南稻門会
6/26	06:30-07:30	早餐(各自前往)

	08:00	退房
	08:30-9:30	出發前往富士山 Skyline 的「富士山 5 合目」(即半山腰的登山口) 富士山總合指導中心
	9:30-10:00	拍紀念照
	10:30-11:30	前往早稻田大學
	11:30-12:00	早稻田大學大隈記念講堂前拍紀念照、校園導覽 學生解散
6/27	10:00-15:30	鄭國泰主任介紹清大環文系/所 (15 分鐘) 與會教授問答 雙學位協定簽署
	15:30	散會

## Day one

### Saturday 22<sup>nd</sup> June 2024

We gathered at Tokyo Station at 9.30 am (Japan Time), and after ensuring that all students had caught the bus, we set off for Fuji City. Along the way, Professor Osamu Soda explained to us the scenery along the way and the history and culture of Fuji City.

The first stop is Fujinomiya Sengen Taisha Shrine and the Shiraito Falls next to the Taisha Shrine. Fujinomiya Sengen Taisha Shrine is located in Fujinomiya City, Shizuoka Prefecture, Japan. It is one of the owners of the land on Mount Fuji. The construction date can be traced back to Emperor Takagami, the 11th emperor of Japan, and it is the headquarters of Sengen Shrine nationwide. Local residents believe that Mount Fuji itself is the mountain god, and the volcanic eruption is a symbol of the mountain god's anger.

Therefore, Sengen Taisha Shrine was established to guard against volcanic eruptions. Sengen Taisha Okumiya is located near the crater of Mount Fuji. Since only monks can go up Mount Fuji during its opening period from July to September every year, a shrine is set up at the foot of the mountain to offer sacrifices. Fujinomiya Sengen Taisha Shrine is now registered as a World Heritage Site.

After visiting Sengen Taisha Shrine and learning about the local people's belief in Mount Fuji, we then hiked to the nearby Mount Fuji World Heritage Center. This museum building adopts the shape of an "inverted Fuji", and the reflection in the pool forms an interesting landscape of the front and back Fuji.

The exhibition centre has a slope from the first to the third floor, allowing the audience to experience the scene of climbing Mount Fuji. While climbing up the slope, they can watch the display at the same time - Mount Fuji's beliefs, literature, geology, and biological characteristics, and gain a comprehensive understanding of Mount Fuji. The open design on the top floor means that when the weather is good, not only can

you see Mount Fuji, but you can also see its reflection on the floor. In the Mount Fuji geological exhibition area on the third floor, you can directly touch the volcanic rocks. There is also a photo area with a rock man on the top of Mount Fuji, allowing tourists who are unable to climb to the top to take a photo.

Experience the feeling of standing on the top of the mountain and avoid the regret of not being able to reach the top. The museum's display design takes into account education, art and creativity, and is a very good educational field for students who study the reproduction of cultural resources. The students not only visited carefully, but also took the initiative to find out questions during the observation process and asked the librarians in English.

In the evening, we went to the hotel to take a short rest. After dinner, there was the first speech. The speaker was Professor Osamu Soda, and the topic of his speech was: "Sustainability Plans for the Future Next SDGs." Professor Soda introduced the sustainable development concepts, system design and Fuji sustainability plans in this international cooperation project. Next, students from National Tsing Hua University and students were organised into groups and introduced themselves.



## **Day Two**

### **Sunday 23<sup>rd</sup> June 2024**

In the morning, each group conducted fieldwork discussions respectively, and the second group went to the S-Pulse Dream Field Fuji held in Fuji City to participate in the Shimizu S-Pulse Kodomo (Children) no Plus Festival 2024 tetote". The other two groups went to the nearby Taketori Story We visited the museum, the Papermaking Museum, the Yokozawa Tumulus, the Tohira ruins cave dwellings and the historical buildings to seek inspiration for the sustainable development design of Fuji City.

In the afternoon, a Fuji City lecturer's symposium was held in the hotel's grand conference hall. Professor Osamu Soda hosted the meeting and invited three units related to Fuji City's current sustainable development plan to present the sustainability plans they are currently promoting. The first session was held by Fuji Credit Bank. Vice President Yusuke Yamada of the Business Department introduced the transportation coupons issued by Fuji Credit Bank in conjunction with municipal development.

In the second session, Ms Chieko Sano, the Sales Manager of Fuji Community FM Radio, spoke about how to use the power of the radio station to promote the food waste reduction project "まちぐる Me". In the third session, Ms Yumi Hata, the director of the General Incorporated Community Travel Club, introduced how the unit enters schools to promote the pilot project of vocational education in primary and secondary schools. After the three presentations, student representatives asked questions, and students from our school also actively asked questions.

The third session's speaker is Machi no Yuminsha, a non-profit organisation located in Fuji City, Shizuoka Prefecture. The organisation carries out independent projects and cooperates with the government around the theme of social participation of middle-aged and elderly people, teenagers, the parenting generation, and the working generation. The goal is to create a community where everyone can live a fulfilling life. It is said that most of the problems faced by communities will be solved when "connections between people" (such as family and friends) and "connections between people and society" (such as work and community activities) are abundant. Machi no Yuminsha is committed to creating a community where everyone can feel a purpose in life and creating connections for young people and other generations through human interaction and social connection.





## Day Three

### Monday 24<sup>th</sup> June 2024

Today is the only day without a unified itinerary. Each group plans fieldwork and interviews based on its own theme and plan.

At 9 am, after breakfast, each group gathered in the hotel conference room to discuss the interview outline and interviewees. The first group decided to interview companies that develop innovative paper fibre CNF. Students from Waseda University called one of the companies. After obtaining the interview consent, the whole group set off at 10 am. Group two decided to interview Machiyumin まちの遊民社 to learn how they operate shared spaces, and to interview other shared spaces in the city. The third group decided to go to Central Park in the morning to confirm the scenic spots that would be

used in the proposed design and take photos for integration into the design work; in the afternoon, they went to the city hall to interview government units to learn about their representation and current countermeasures for the digitalisation of Fuji City, in order to amend the proposal. Professor Kuo-Tai Cheng and Professor Wei-Chi Chang to go with the group three, and the other two groups were assisted by teaching assistants.

Group One gathered with the Japanese members at 9.30am, and jointly selected official government agencies and private enterprises as the visitors. They went to the Industrial Policy Section of the Fuji City Government for interviews. The Industrial Section originally explained to me the current development of CNF fiber. status, the interview content was based on the official perspective and asked about the Fuji City Government's support policy for the development of CNF fibre, and also learnt about how Fuji City wants to become a CNF city. In the afternoon, the interviewee was Gojo Paper Company. Gojo Paper has a lot of CNF products, ranging from packaging to paper towels. It also has environmentally friendly papermaking technology, using bagasse fibre to make sugarcane paper. The content of Fang's talk mainly focused on the company's CNF blueprint. The owner also understands the difficulties currently encountered by enterprises, including the public's lack of awareness of CNF, the high price of CNF products and the rejection of acceptance... etc. Through on-site interviews, he has a better understanding of the different developments and difficulties between the government and enterprises, and also has a good understanding of the proposal report. Discussions have clearer implementation goals.

Group Two set out together to go to JOINX CO, a company where Waseda University students made an appointment to interview in the morning. They conducted interviews to learn how the local classroom venues and career counselling operate, and asked the company about the difficulties it currently encountered and adopted our proposals. At noon, They had Italian-style tsukemen, which was highly recommended by the locals. The texture was very special but delicious. After lunch, They returned to JOINX to discuss the project, sort out the learning focus and field survey information of the past few days, and determine the project content to be previewed and presented in the evening. They also experienced the local shared learning space. In the evening, because need to catch up on schedule, they ate at McDonald's. There were many items that are limited to Japan and are not available in Taiwan. It was also a very precious memory. The feedback from group tow student about today's work is as follow:

During the pre-speech evaluation, we are really grateful to the professors for their timely suggestions and guidance. We also learnt that our SDGS concept did not reach a consensus, and we were able to significantly adjust the direction of our project in a timely manner. We all worked together to revise it until about three o'clock in the night, and then we went back to our rooms to rest. Although



we were very tired, tonight made our understanding and relationship with each other closer!

Group three held a meeting at the accommodation location in the morning to discuss the content of the proposal, roughly confirm the direction of the proposal and confirm the content of the field survey in the afternoon. Then they took a bus to Fuji Station venue and looked for media materials to promote SDGs. They interviewed foreign tourists who were lost in the local area, asked for their opinions, and incorporated their cases and problems into our plan, then went to a local shopping street to find a place for lunch. They also noticed that although Fuji City is proud of its natural landscape, the surrounding shopping streets are in decline. Future planning may focus on reviving shopping streets or tourism resources. After lunch, they headed to Fuji Central Park for a survey. After completing the investigation, they went to Fuji City Hall to interview government agencies, and learnt about the history of digital cooperation organisations and introductions to emerging companies. We also learnt about the difficulties currently encountered by Fuji City and the solutions they are trying to solve. At the end, the Fuji City Government introduced to us the latest translation machine, a device that can translate and play different languages in real-time to reduce the difficulties caused by language barriers and hopes to open up the market for foreign tourists in terms of tourism.

After returning to the hotel for dinner in the evening, each group went to the conference hall to start integration work. At 9 pm, each group completed the first version of the proposal plan briefing. Dean Professor Osamu Soda and Professor Chang commented and guided the students to revise. At 2 am, the two teachers completed the communication and guidance of each group and went back to the room to rest. The students continued the discussion and completed the second version of the briefing.





## Day Four

### Tuesday 25<sup>th</sup> June 2024

On Tuesday, 25<sup>th</sup> June, from 11.15 am in the Fuji City Fire and Disaster Prevention Office conference room, three groups made proposals for "Raising awareness of CNF," "Promoting entrepreneurship," and "Developing an SDGs platform."

At 9 am, students gathered in the conference room to comment on the second version of the briefing, and revised the third version based on the comments of the two teachers.

At 10.30 am, all teachers and students went to the conference room on the 8th floor of Fuji City Government to prepare for the achievement exhibition. At 11 am, local residents, enterprises, school education stakeholders, SDGs platform, Fuji Credit Bank, Fuji Community FM Radio, community homeless society and Gakunan Tomon Kai, Shizuoka Prefecture Branch, Waseda University Alumni Association 早稲田大学校友会 静岡県支部 岳南稲門会, etc. all arrived at the venue one after another. At 11 am, the achievement presentation officially started. Professor Osamu Soda presided over the meeting. Each group of students will report for 15 minutes. There will be 10 minutes for local experts to ask questions and students to answer. The review committee was: Professor Osamu Soda, Professor Cheng, Kuo-Tai, Professor Chang, Wei-Chi, and the Mayor of Fuji City were also present to listen to the students' proposals.

Since Mayor Fuji attached great importance to this presentation, he took the time after the meeting to listen to the students' briefings and provide comments. In addition,

the head of the Planning Section of the Fuji Marketing Department and director of the SDGs Promotion Office, also served as a reviewer and gave opinions to the students after they presented their presentations. Finally, with the applause of issuing certificates of thanks and completion certificates, the overseas fieldwork workshop jointly organised by the two schools came to a successful conclusion.

In the evening, the city government hosted an exchange meeting at Uino Lodge. In addition to the city government staff who hosted the meeting, there were also local luminaries such as the Ujifuji City Councilor and the chairman of EC CENTER. During this dinner, industry, government, academia, and business were fully communicated.

The following summarizes the contents of the three groups:

Group One made a proposal for the promotion and application of CNF in Fuji City, including combining the successful experience of Taipei COMPUTEX, Fuji CNF Week was held, the manufacturing industry cluster was promoted to the public, and the proposal was combined with the food waste reduction plan "まちぐる Me", using its original resources and the characteristics of CNF to make food, etc. The first group chose an emerging material to publish. This material not only has the advantage of being environmentally friendly, but also has various methods of obtaining and utilising it. Coupled with the enthusiastic presentation of the group members, the report is very convincing and finally won the high praise from both teacher judges and received direct feedback from "まちぐる Me", which was very useful.

Group Two propose their report through the results of survey. They chose the theme of reducing food waste as the design and proposed a series of environmentally friendly solutions. They aimed to convince government support and resource investment to promote the implementation of the plan to solve the population problem of Fuji City.

Group Three was inspired by Fuji City's original SDGs website and designed a new platform to better allow the public, companies and institutions to use this platform to promote their own SDGs plans, and even allow students to design relevant permanent projects by combining educational resources. Lesson plans or activities to continue the topic. In addition, the original website still had some shortcomings, so they drafted a template for a new website and designed several plans to present to Fuji City Government officials for review. This includes video release content, game templates, coupons, etc. After the report, the Fuji City Government issued a series of comments and suggestions to us in the form of people from three groups of companies we interviewed. Although the responses were all in Japanese, fortunately, Professor Chang translated them for us in real-time, allowing us to obtain many benefits.



## Day Five

**Wednesday 26<sup>th</sup> June 2024**

After checking out of the room at 7.40 am, we took a ride to visit Mount Fuji. Mount Fuji is a short distance away from the hotel we stayed in, so we spent a lot of time commuting. After arriving at Mount Fuji around 10, we spent about half an hour visiting. I have to say that even though it's summer, it's still very cold on Mount Fuji. We also took a group photo and then headed to Waseda University. Waseda University is a famous Japanese university. A private university founded in 1882 and located in Tokyo. It is one of Japan's oldest and most prestigious universities and is regularly ranked among the top universities in Asia and the world.

After arriving at Waseda University around 12 noon, a Japanese classmate was not only responsible for guiding Waseda University, but also gave an in-depth account of



the school's history, architectural features, and even the school's famous school cats and legends. Starting from the auditorium of Waseda University, he vividly introduced every corner, making us feel as if we were immersed in the past and present of this century-old university. After the guided tour, we really came to the end of this journey. we have a preliminary understanding of Waseda University, and we can see the statue of Waseda's founder-Ōkuma Shigenobu on the campus. He was a Japanese politician in the Meiji period and served as the Prime Minister of Japan twice. Waseda University is very large and the buildings are very beautiful. After introducing each department to us, we students also said goodbye to each other and disbanded, and our Interdisciplinary and Intercultural Communication course has officially ended.



## **Day Six**

**Thursday 27<sup>th</sup> June 2024**

The Double Degree signing ceremony was scheduled to be held during lunch time in order to allow teachers to participate. Participants included Dean Osamu Soda, Professor Tetsuo Kurokawa, Professor Atsushi Hamamoto, Dr Lu Chen, Dean of Academic Affairs Tomaki Wakamatsu, and Director Shuhei Yamamoto, who witnessed the signing of the agreement between the Department of Environmental and Cultural Resources at National Tsing Hua University. and the School of Social Sciences at Waseda University. Master's degree double degree. The ceremony started with the introduction of the department by Director Professor Kuo-Tai Cheng of the Department. After the introduction, he accepted questions from the participating professors. Director Cheng answered the professors' questions one by one. After that, everyone agreed that a double degree could be signed. Dean Professor Osamu Soda and Director Professor Kuo Tai Cheng signed the contract to complete the ceremony. At this point, this overseas mission has been successfully completed.



本系與日本早稻田大學社會科學總合學術院  
簽訂碩士班雙聯學位



### 3.Student works

## Group One

### Tea & paper's Recycling in Fuji

### Speaking of Fuji, it's CNF!!

Group One made a proposal for the promotion and application of CNF in Fuji City, including combining the successful experience of Taipei COMPUTEX, Fuji CNF Week was held, the manufacturing industry cluster was promoted to the public, and the proposal was combined with the food waste reduction plan "まちぐる Me", using its original resources and the characteristics of CNF to make food, etc. The first group chose an emerging material to publish. This material not only has the advantage of being environmentally friendly, but also has various methods of obtaining and utilising it. Coupled with the enthusiastic presentation of the group members, the report is very convincing and finally won the high praise from both teacher judges and received direct feedback from "まちぐる Me", which was very useful.

	<h4>CNFと富士市</h4> <p>セルロースナノファイバー ・植物由来の新素材：環境負荷が小さい ・素材に様々な性質を付与できる</p> <p>「紙のまち」富士市： 紙産業の技術とノウハウを活かせる新たな産業として力を入れている プラットフォームの改定、地域ブランドの認定など</p> <p><b>CNFのポテンシャル×富士市の技術</b></p> 
<h4>現場の声を伺いました</h4> <p>②五條製紙株式会社</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 初期からCNFを研究、特許取得</li> <li><input checked="" type="checkbox"/> 自動車産業がCNFを使用、需要が高まる可能性あり</li> <li><input checked="" type="checkbox"/> 市役所と協力はしたいが、企業の技術を公表することを懸念</li> <li><input checked="" type="checkbox"/> CNFブランドのロゴ認定が有名ではないため効果が薄く感じる</li> <li><input checked="" type="checkbox"/> CNFの知名度が低い</li> </ul> <p><b>✓ CNFは導入コスト面での懸念が大きい</b></p>	<h4>CNF産業週間</h4> <h5>課題と解決策（企業向け BtoB）</h5> <p>企業は他企業と情報共有する機会がない</p> <p>↓</p> <p>自社のCNF製品を共有するプラットフォームが必要</p> <p>↓</p> <p>展示会で年間最優秀CNF製品を選ぶコンペティションを開催</p> 
<h4>『まちぐるMe』</h4> <p>③まちぐるMeのもう1つの強みを活用</p> <p>まちぐるMe内でCNFをはじめとした富士市ならではの技術を伝達</p> <p><b>確実に富士市民がCNFを認知することが可能</b></p> 	<h4>まとめ</h4> <ul style="list-style-type: none"> <li><b>✓ 目的：知名度の向上</b></li> <li><b>✓ 解決策</b> <ul style="list-style-type: none"> <li>①CNF産業週間</li> <li>②まちぐるMeを活用！</li> </ul> </li> </ul>



## Group Two

### Fuji City Digital Work Hub

### Supporting entrepreneurship to advance Fuji City's SDGs and increase population

Group Two propose their report through the results of survey. They chose the theme of reducing food waste as the design and proposed a series of environmentally friendly solutions. They aimed to convince government support and resource investment to promote the implementation of the plan to solve the population problem of Fuji City.

#### 起業支援で 富士市のSDGsステップアップと人口増加を

チーム2  
 洪 建丞 石井俊輔 松永拓朗 雲田拓夢  
 鈴木梨央 林 禾雅 陳 羿聚 張 庭嬌

富士市SDGs国際スタジオプログラム 最終プレゼン  
 2024/06/25



#### About FUJI CITY／富士市に関する

- Mainly manufactures／製造業が盛ん
- Good living resources／生活資源が豊か
- Compared with urban areas has lower living costs／都市より生活費が低い
- Natural environment／自然が豊か
- One hour's drive from Tokyo／東京から1時間



#### The elderly population will exceed 40% in 2045 !

2045年には高齢者が4割の社会に

年群構成の推移と将来推計

1995 2000 2005 2010 2015 2020 2025 2030 2035 2040 2045

65歳以上 28.1 35.1 40.7  
 15-64歳 23.7 22.4 18.7  
 14歳以下 7.3 13.5 10.4

#### 台湾での街の活性化の事例：Taiwan Hsinchu Dongmen Market/台湾新竹東門市場



(Before/ビフォー) 1990 (After/アフター) 2016

Forward-looking infrastructure design／基幹インフラ大規模施設設計画

- Resistance subsidies for old buildings／古い建物に対する耐震補助金
- Innovative elements／革新的な要素
- Cheap rent／安い賃料

#### 提案：①起業家支援プログラムでのコミュニティ

#### ②SDGs チャレンジ創業補助金

多くのSDGs関連企業がコミュニティ内で創業

→多様なSDGs分野の企業が刺激を与え、協力し合う

→富士市内でSDGs全域を促進



#### 提案：①新しい起業家支援プログラム

開催場所：  
 JOINXのコワーキングスペースのような場所を想定  
 (実際にワークショップも多々開催されている)




#### 提案：②SDGs チャレンジ創業補助金

「SDGs創業支援」



創業時 SDGs関連企業の創業時

for SDGs!

#### 「SDGs 未来都市」未来の富士市のシナリオ

- 富士市内で多くのスタートアップが誕生
- 雇用が生まれ、移住者を増加させる
- ただの起業支援ではなくコミュニティ創生
- 様々な繋がりで、多様な方面から富士市を活性化
- スタートアップ推進都市としてのブランドを確立
- 自然の豊かさ・人の温かさ・仕事・活力を共存
- 多くのSDGs関連企業がコミュニティ内で創業
- 多様なSDGs分野の企業が刺激を与え、協力し合う
- 富士市内でSDGs全域を促進



## Group Three

FU. S. JraL

### Autonomous social change through digital technology

#### An approach to education, interaction, and continuity in Fuji City

Group Three was inspired by Fuji City's original SDGs website and designed a new platform to better allow the public, companies and institutions to use this platform to promote their own SDGs plans, and even allow students to design relevant permanent projects by combining educational resources. Lesson plans or activities to continue the topic. In addition, the original website still had some shortcomings, so they drafted a template for a new website and designed several plans to present to Fuji City Government officials for review. This includes video release content, game templates, coupons, etc.

	<p>4. 提案: SDGsプラットフォームの新しい仕組み</p>
	<p>6. まとめ</p> <p>このプロジェクトを達成することでステークホルダーに以下のような影響を与える</p> <ul style="list-style-type: none"><li>→ 学生 教室の外に出てSGDsのことを学ぶ機会が生まれる。 プロジェクトの運営やインタビュー活動などを通して、 社会の課題について知り、それを解決する方法を考える機会になる</li><li>→ 企業・NPO法人 お金を稼ぐことだけが目的にならないESG活動に積極的な企業になる。 企業やNPO法人としての社会的価値を他の企業や法人と比べて高めることができる。</li><li>→ 行政 将来的に事業の担い手や街づくりに携わる人を増やすことができる。 先進的な取り組みをする自治体として他の自治体に影響を与えることができる。</li></ul>

## 4. Appendix

## Fuji International Studio Program: Next SDGs

### Groups Presentation Evaluation Form

Candidate Name	Tea & Paper's Recycling in Fuji (Group One), FU. S. JraiL (Group Two), Fuji City Digital Work Hub (Group Three)	
Criteria (weight) / annotation		Score
<b>Values Thinking (20%)</b> Values Thinking involves justice, equity, and ethics. Respecting how these concepts vary across cultures contributes to solving sustainability problems.		
<b>Systems Thinking (20%)</b> Systems are interconnected with each other and each system is composed of other systems.		
<b>Strategic Thinking (20%)</b> Strategic thinking involves analysing complex situations, generating innovative solutions, and formulating effective long-term strategies while considering risks and aligning with organisational goals.		
<b>Futures Thinking (20%)</b> Past systems combined with today's visions and decisions will affect which futures we achieve.		
<b>Other recommendations (20%)</b> Explanations:		
Total Score		

# 富士市 SDGs 国際スタジオプログラム

早稲田大学

國立清華大學



6/22(土)～6/26(水) 5日間

参加申し込み

<https://x.gd/7P5ei>



【テーマ】ネクストSDGsー地域循環共生圏の展開ー

世界文化遺産富士山のまち・SDGsとDXの先進事例を学び、学生提案します。

## ◆課題テーマ例 (調整中)

- ・SDGsプラットフォームの展開
- ・ビジョンやストーリーの構築
- ・事業のタネの支援策
- ・DXの活用、等



(スタジオ活動イメージ)

## ◆地元自治体等への協力依頼内容

資料提供・事前レクチャー(動画)/インタビュー者のご紹介/学生発表&講評会への参加&講評コメント/レセプション参加

## ◆スケジュール (仮案)

- 6/22(土) 朝:成田空港到着、JR「浜松町」駅で合流、貸切バスで富士市へ移動・到着/市内宿泊施設
- 6/23(日) 視察(貸切バスで「大淵笹場」(富士山と茶畑の景観)/駿河湾・田子の浦みなと公園・展望台(津波避難タワー)/昼食/富士山かぐや姫ミュージアム/富士市SDGs地元の方へSDGsやDXのお話をうかがう、等)
- 6/24(月) フィールド調査/15:00 中間報告(視点の発表)@会議室/終了後レセプション(市内飲食店)
- 6/25(火) 学生作業時間→(案①17:00)学生提案の発表(※地域関係者へ参加依頼)
- 6/26(水) (案②10:00)学生提案の発表/終了後、貸切バスで東京へ(途中「道の駅」へ立ち寄り)

## ◆富士市の概要 富士山とともに 輝く未来を拓くまち SDGs未来都市 富士市

静岡県。世界文化遺産・信仰の山・富士山の南麓に位置し駿河湾に面する。日本最古の物語「竹取物語(かぐや姫)」の里。富士山の地下水を利用した「紙のまち」として発展、温暖な気候、林業(ふじひのき)、漁業(駿河湾のしらす)、農業(お茶)などの特産品で有名。施行時特例市。現在人口約25万人。SDGs未来都市、地域循環共生圏プラットフォーム、デジタル田園都市国家構想総合戦略、テレワーク推進などに積極的に取り組む。

市長: 小長井 義正(こながやよしまさ)

副市長: 森田 正都(もりたまさふみ)

【交通】東京(成田空港)から200km、貸切バス直行で約3時間。

## ◆参加条件

大学生/大学院生(早稲田大学15人、國立清華大學15人)

＜参加条件＞

- ・全日程に参加できること
- ・英語で日常会話ができること(TOEFL iBT 55点以上)

・参加費: **35,000円**

- ※交通費・宿泊費(4泊)・朝食・懇親会参加費を含む
- ※昼食・夕食は自己負担
- ※富士市および早稲田大学から開催補助あり
- ・学生保険へ加入のこと(3,000円)
- ・参加者にはプログラム修了証(Certificate)発行します。

※通常授業期間のため他授業と重なる場合の対応については担当教員とご相談ください。欠席理由証明書を発行可(公認欠席ではありません。あくまで担当教員の最終判断となります)。

◆共催: 早稲田大学(日本)社会科学総合学院+國立清華大學(台湾)環境與文化資源学系

◆後援: 早稲田大学先端社会科学研究所/台湾研究所

◆協力: 富士市SDGsプラットフォーム事務局(富士市企画課)

(問い合わせ) 早稲田大学社会科学部(東京都新宿区西早稲田1-6-1) (担当者) 教授 早田幸(そうだおさむ) [sohda@waseda.jp](mailto:sohda@waseda.jp)





プレスリリース  
報道関係者各位

発信日：2024（令和6）年5月22日  
発信者：早稲田大学・国立清華大学

早稲田大学・国立清華大学（台湾）共催  
富士国際スタジオプログラム「ネクスト SDGs－地域循環共生圏の展開－」  
世界文化遺産富士山のまち・SDGs とDXの先進事例を学び学生提案  
6/22（土）～6/26（水）開催

6月22日（土）から6月26日（水）まで、早稲田大学と台湾の国立清華大学は「富士国際スタジオプログラム『ネクスト SDGs－地域循環共生圏の展開－』」を開催します。コロナ後初の国際合同スタジオプログラムを富士市で実施します。

スタジオプログラムは、新しいモデルや社会的実践を創造的に探求し、招待された参加者とプロトタイプを作成する活動です。

早稲田大学からは社会科学総合学院の早田幸学院長・教授と台湾やアメリカの留学生を含む12名、国立清華大学からは環境・文化資源学科の鄭國泰教授と張瑋琦副教授、助手1名、学生9名が参加します。富士市森田正郁副市長および企画課から開催支援を受け、「富士市 SDGs 共想・共創プラットフォーム」などの先進的な取組から学びます。

合同チームは東京からバスで移動し、静岡県富士山世界遺産センター、富士山本宮浅間大社を訪問後、富士市に到着します。エスプラットフジパークホテルを拠点に、富士信用金庫の公共交通回数券デジタル化プロジェクトや、一般社団法人まちの遊民社のキャリア教育パイロットプログラム、富士コミュニティエム放送株式会社の食品ロス削減プロジェクト「まちぐる Me」、セルロースナノファイバー（CNF）の世界的拠点をめざす静岡県工業技術研究所などを視察・意見交換をつうじて、「ネクスト SDGs」を提案します。

国立清華大学環境・文化資源学科は、将来のSDGs教育人材を育てることを目指し、世界観や異文化コミュニケーション力、協働による問題解決能力を身につけることを重視しています。早稲田大学社会科学総合学院と国立清華大学教育学部は2019年に協定を締結し、合同海外プログラムを開催してきました。学生の育成とともに、地域と持続可能な発展を目指しています。

【問い合わせ先】

富士市役所総務部企画課

電話 0545-55-2718

ファクス 0545-53-6669

e-mail [sdgs@ex.city.fuji.shizuoka.jp](mailto:sdgs@ex.city.fuji.shizuoka.jp)

早稲田大学社会科学総合学院

学院長・教授 早田 幸（そうだおさむ）

電話 080-5055-6693

e-mail [sohda@waseda.jp](mailto:sohda@waseda.jp)



富士山がもたらす未来を創るまち  
SDGs 未来都市 富士市

## Invitation Letter

May 23, 2024

Dear Professor CHENG, Kuo-Tai Associate Professor CHANG, Wei-Chi and the esteemed students of the Department of Environmental and Cultural Resources at National Tsing Hua University,

I hope this letter finds you well.

On behalf of the city of Fuji, it is my great pleasure to welcome you to the "Fuji International Studio Program: Next SDGs - Development of a Regional Circulating and Ecological Sphere," a collaborative event between your esteemed university and Waseda University.

Fuji City is dedicated to sustainable development through advanced initiatives such as the "Fuji City SDGs Co-Creation and Co-Imagination Platform." During this studio program, we are eager to share our efforts with you and engage in a meaningful exchange of ideas to explore the future of SDGs.

We have organized a comprehensive program that includes visits to Mt. Fuji World Heritage site, as well as various project tours within the city. Using Fuji S-Park Hotel as our base, we will delve into local initiatives and collaboratively propose visions for "Next SDGs."

We are confident that the rich knowledge and experience that the participants from National Tsing Hua University bring will greatly enrich our initiatives in Fuji City. We look forward to a fruitful exchange that will foster mutual learning and deepen our collaborative relationship.

We eagerly anticipate meeting you in Fuji City and embarking on this exciting journey together.

Sincerely,

小長井義正

Mayor of Fuji City

## 清大攜手日本早稻田大學 共推國際永續發展合作計畫

16:11 2024/06/25 | 中時 | 王惠慈



清華大學6月22日至25日與日本早稻田大學及富士市共同舉辦國際永續發展合作計畫。(清大環境與文化資源學系提供/王惠慈新竹傳真)

廣告 / 請往下繼續閱讀







汚染を軽減させるべく努力する大学生ら

## 大学生らがSDGs 先進事例に理解深め

早大<sup>と</sup>が国際合同プログラム  
富士市と地元企業も協力



5. 2. 6. 6 の取り組みについて説明する担当者



大学生が「let's go」の定数を同定

「公衆の心と運動した」  
「ヤリテ教ハレバイロット」  
「プロダクトの表現」を  
テーマに各例を紹介し  
た。学生も積極的に  
質問するなど、出席者  
が活発な反応を  
示している。

[illegible]

トフォームの展開」に  
関する提案が寄せられ

## 早稲田大学・国立清華大学 富士国際プログラム が開催されました。

2024.07.04

- [人学選送](#)
- [お知らせ](#)

令和6年6月22日（土曜日）から26日（水曜日）の苺、富士市において、早稲田大学（東京都新宿区千駄田）と国立清華大学（台湾新竹市）が共催し、「コロナ後初の国際合同スタジオプログラム」が開催されました。

スタジオプログラムは、新しいモデルや社会的実践を創造的に探求し、招待された参加者とプロトタイプを作成する活動であり、今回は、「富士市SDGs共創・共創プラットフォーム」などの先進的な取組から学ぶものです。

なお、両大学は、2025年度から、2つの学位を同時に取得できる「ダブルデGREEプログラム」を開始する予定であり、今回の国際合同スタジオプログラムは、その開始を記念するイベントと位置付けて開催されました。

### 調査活動

早稲田大学15人、国立清華大学9人、教員4人の28人が富士市に4泊し、富士市内のSDGs活動を調べ、提案を行いました。

6月23日（日）午前にはエスパルスドリームフィールド富士で開催されていた[エスパルス・コードモノプラスノエス2024 tototo](#)を1グループが観覧しました。



6月23日集合写真