



REPORT
ON PARTICIPATION IN STUDY TOUR GRANT
PROGRAM 2025
**JAPAN SOCIETY OF CIVIL ENGINEERS
AND
MONGOLIAN ASSOCIATION OF CIVIL
ENGINEERS**

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1. INTRODUCTION

1.1 ABOUT JSCE

Established in 1914, the Japan Society of Civil Engineers (JSCE) is an incorporated association which aims to advance scientific culture through promoting the field of civil engineering and expanding all its related activities. JSCE aims to do so by facilitating scientific exchange among members and researchers, promoting science and technologies related to civil engineering, as well as fostering social involvement. Further, with the ushering of the 21st Century, JSCE also has its eyes set on the following objectives [1]:

- 1) Propose an idea for social infrastructure development in the future from civil engineers' perspective.
- 2) Acquire a steadfast relationship of mutual trust with the society.
- 3) Promote scientific and technological research/studies with a high degree of transparency.
- 4) Evaluate public works from a neutral standpoint and reach a social consensus on proper standards.

1.2 ABOUT THE STUDY TOUR GRANT (STG)

Officially launched in 1992 to efficiently utilize its International Scientific Exchange Fund (ISEF), the JSCE Study Tour Grant (STG) is an annual program which aims to facilitate scientific exchange and promote Japanese civil engineering technologies and projects to young civil engineers inside and outside Japan. The STG is a one (1) week program held during the week of the JSCE Annual Meeting (usually in September), in which candidate engineers are nominated by countries with existing Agreements of Cooperation with the JSCE.

During their stay, STG participants visit project sites and research institutes around Japan, meet with leading civil engineering professionals and academics, and share their research projects at the International Summer Symposium during the JSCE Annual Meeting. At the end of the program, STG participants are required to submit a report back to their home organizations, narrating their STG experience in Japan.

1.3 ABOUT THE STG 2025

The STG 2025 conference took place in Kumamoto, Kyushu, in September. The meeting was attended by four participants, each accompanied by their respective advisors.

STG 2025 PARTICIPANTS LIST			
Nº	Name	Affiliation	Country
1	Munkhbat Tuvshintur	Mace, Master student in Mongolian University Science & Technology, Engineer at Sdengineering & Construction LLC	Mongolia
2	Kamal Hossain Shikdar	Founder, CEO of CADD COARE Training & IT Services	Bangladesh
3	Chaw Su Su Aye	Consultant Engineer & Lecturer for STI Myanmar University	Myanmar
4	Muhammed Huseyin Maslak	Istanbul Technical University Beyza Taskin	Turkey

2. STG 2025 ACTIVITIES

2.1 Itinerary

Itinerary for 2025 STG



Day 0 Sep.7th (Sun)			
Time	Event	Transportation	Memo
Mongolia			
13:40	Pick-up	Airplane(OM501)	
15:00-16:08	Move	Highway bus	
16:10	Arrive at Tokyo Station		
16:20	Move	Taxi	
16:30	Arrive at Hotel		
Bangladesh			
15:45	Pick-up	Airplane(TG676)	
17:00-18:18	Move	Highway bus	
16:10	Arrive at Tokyo Station		
16:20	Move	Taxi	
16:30	Arrive at Hotel		
The Philippines			
20:30	Pick-up	Airplane(PR432)	
14:50-16:08	Move	Highway bus	
16:10	Arrive at Tokyo Station		
16:20	Move	Taxi	
16:30	Arrive at Hotel		
Turkey			
19:20	Pick-up	Airplane(TK199)	
20:55-21:30	Move	Highway bus	
21:30	Arrive at Tokyo City Air Terminal		
21:40	Move	Taxi	
22:00	Arrive at Hotel		

Day 1 Sep.8th (Mon)			
Time	Event	Transportation	Memo
10:00	Meet at hotel lobby		10:00-11:00 Free walking around the area Chuo City Tourist Information Center Kyobashi Station (Directly connected to Exit 8), located on B1 of Kyobashi Edogrand. (https://www.city.chuo.lg.jp/a0016/bunkakankou/kankoujouhou/kankoujouhou_center.htm)
11:00	Meet at hotel lobby	Walk	On Your Own for Meal, Then, come to the lobby by 11:00 a.m.
11:05	Move	Taxi	
11:30	Pre-river cruising study session@ CTI Group Innovation Studio		
12:30	Finish study session		
12:40	Move	Taxi	
13:30	Get on a boat to go on the Nihombashi Cruise		
15:00	End the Cruise		
*If cruise is cancelled due to the weather			
14:30	Rehearsal for poster presentation at the JSCE HQ Auditorium		
16:00	Finish for the day! Take a good rest in preparation for the upcoming activities		

Day 2 Sep.9th (Tue)			
Time	Event	Transportation	Memo
8:00	Meet at the hotel lobby		Check out by this time
8:30	Move	Chartered bus	In-car Icebreaker and Self-Introductions
10:00-12:00	Visit Kajima Technical Research Institute		
12:30-14:00	Lunch + move	Chartered bus	Lunch box
14:00-15:00	JSCE Guidance + Ambassador MTG@ the JSCE HQ Auditorium		Schedule explanation
15:10-16:00	Move	Chartered bus	
16:20	Check-in procedure done at Tokyo Int'l (Haneda) Airport Terminal-1		
17:30	Depart Tokyo Int'l Airport	Airplane(JL637)	Lunch box for dinner
19:15	Arrive Kumamoto Airport		
19:40	Move	Chartered bus	
20:30	Arrive at hotel		ANA Crowne Plaza Hotel

Day 3 Sep.10th (Wed)			
Time	Event	Transportation	Memo
9:20	Meet at the hotel lobby		
9:30-10:00	Move	Walk	
10:00-12:00	Join IAC Discussion, 2025 JSCE Annual Meeting@ Kumamoto-jo Hall		
12:20	Meet in front of the Conference Room A-1		
12:30-14:00	Move	Chartered bus	Lunch box+Introduction at bus
14:00-15:20	Visit Kumamoto Earthquake Memorial Museum "KIOKU"		Free time
15:30-17:00	Move (via Shin Aso Ohashi)	Chartered bus	
17:00	Arrive at the hotel		Get change if needed
17:30	Meet at the hotel lobby		
17:30-18:00	Move	Chartered bus	
18:00-20:00	Join Welcome Reception @ Kumamoto-jo Hall		

Day 4 Sep.11th (Thu)			
Time	Event	Transportation	Memo
10:00-17:40	Join the 27th Int'l Summer Symposium		Free until the core time
14:30	Meet at the Kumamoto-jo Hall Exhibition hall		Come to the hall by this time
14:40-16:00	The core time for STG participants to deliver a poster presentation		
17:30	Meet at the Kumamoto-jo Hall Entrance		In front of the Christmas Tree in that hall
17:50-18:20	Move	Walk	
18:30-19:30	Join the IAC Networking Reception		

Day 5 Sep.12th (Fri)			
Time	Event	Transportation	Memo
Myanmar			
7:30	Meet at hotel lobby (Check out by this time)		
7:30-8:00	Move	Walk	
8:19	Depart Kumamoto Station	Bullet Train (Mizuho 602)	
8:51	Arrive Hakata Station		
9:10-9:25	Move	Route bus	
9:30	Check-in procedure at airport (Fukuoka Int'l Building)		
11:35	Depart Fukuoka Airport	Airplane (TG649)	
14:55	Arrive Suvarnabhumi Airport		
17:05	Depart Suvarnabhumi Airport	Airplane (TG303)	
18:00	Arrive Yangon Int'l Airport		
Mongolia			
7:30	Meet at the hotel lobby (Check out by this time)		
7:30-8:00	Move	Walk	
8:19	Depart Kumamoto Station	Bullet Train (Mizuho602)	
8:51	Arrive Hakata Station		
9:10-9:25	Move	Route bus	
9:30	Check-in procedure at airport (Fukuoka Int'l Building)		
11:35	Depart Fukuoka Airport	Airplane (TG649)	
14:55	Arrive Suvarnabhumi Airport		
23:50	Depart Suvarnabhumi Airport	Airplane (TG339)	
1:25	Arrive Hazrat Shahjalal Int'l Airport		
Banqladesh			
6:10	Meet at the hotel lobby (Check out by this time)		
5:48-7:54	Move	Highway bus	
8:00	Check-in procedure at airport		
8:50	Depart Kumamoto Airport	Airplane(JL624)	
10:30	Arrive Tokyo Int'l Airport		
11:15-12:35	Move	Highway bus	
12:40	Check-in procedure at airport		
14:40	Depart Narita Int'l Airport	Airplane(OM502)	
19:15	Arrive Chinggis Khaan Int'l Airport		

2.2 Day 1 (September 7th 2025) /Arrival in Tokyo /

On this day, I arrived at Narita Airport in Tokyo at 13:40 p.m. An assistant guide picked me up and take me to the bus to Tokyo. Upon arrival in Tokyo, another assistant guide welcomed me and led me to the hotel.

The nicest part of the day was the hotel itself. It was much more comfortable and luxurious than I had expected, especially since it was located right in the downtown area.

When I arrived at the hotel, I first met a representative from JSCE, who explained the itinerary of STG 2025. After that, I had some free time to go out by myself and enjoy exploring downtown Tokyo.



PHOTO 1: Tokyo Station



PHOTO 2: Magnificently Designed Building

Photo1:

This photo shows **Tokyo Station**. When I first saw it, it looked very different from other stations I had visited. The building gave me a strong cultural impression, with beautiful architecture and a well-designed environment.

Photo2:

This photo is of a **magnificently designed building**, although I did not know its name. I noticed it while strolling along the road, and its striking appearance immediately caught my attention.

2.3 Day 2 (September 8th 2025) /The Nihonbashi Course/

On this day, The Nihonbashi Course, held on September 8, 2025, was organized to review the planning and development of the Kanda and Sumida rivers in Tokyo, Japan. The program highlighted the construction and engineering solutions applied to the bridges spanning these rivers, focusing on both historical context and modern approaches.

The event brought together engineers and managers from leading Japanese construction consulting firms and contracting companies, providing a valuable platform for knowledge exchange and discussion on urban river management and bridge engineering practices.



PHOTO 3: The nihonbashi course with participants

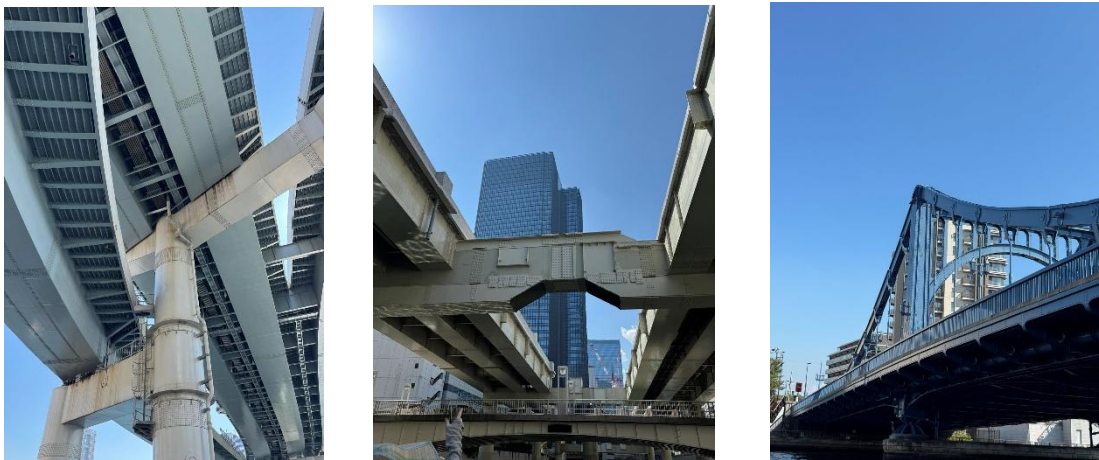


PHOTO 4: Some photos of nihonbashi course

2.4 Day 3 (September 9th 2025) / Visit to Kajima Technical Research Institute (KTRI)/

The event, held on September 9, 2025, was aimed at introducing the Kajima Technical Research Institute (KTRI) to participants. The purpose was not only to familiarize attendees with the institute's facilities and activities but also to provide insight into the institute's long-standing contributions to research, development, and practical applications in the field of civil engineering and construction. Participants had the opportunity to learn directly from experts about KTRI's professional expertise and innovative approaches.

About Kajima Technical Research Institute

The Kajima Technical Research Institute is one of Japan's leading engineering research centers. Established to promote advanced scientific and technological development, the institute plays a crucial role in bridging the gap between academic research and practical application in industry. KTRI conducts laboratory experiments and research across a wide spectrum of engineering and construction fields, including:

1. Structure 2. Vibration 3. Ground 4. Ocean & Hydraulics 5. Wind
6. Disaster Prevention & Construction 7. Concrete 8. Building Environment
9. Building Greening 10. Hayama Marine Science Laboratory
11. Seismic test and Practice field



PHOTO 5: Gathering photo of KaTRi

2.5 Day 4 (September 10th 2025) /Meeting and Tour at KIOKU museum/

The event, held on September 10, 2025, was a visit to the Kumamoto Earthquake memorial museum “KIOKU” in Kumamoto City, Kyushu Prefecture.

The earthquake that occurred in 2016 caused significant damage, and experts and teachers who were there at the time came to give presentations and explain their professional and future engineering solutions to the association members and foreign guests.



PHOTO 6: On the Kumamoto memorial museum “KIOKU”



PHOTO 7: Gathering photo with JSCE 2025 members

In the afternoon of September 10, 2025, a major meeting was organized by the Japan Society of Civil Engineers (JSCE) in Kumamoto, Kyushu Prefecture. This meeting served as one of the key events of the STG program, providing a platform for professional exchange and international collaboration.

The event was designed not only as a formal meeting but also as a networking opportunity for attendees. It allowed participants to share perspectives, establish professional connections, and discuss ongoing challenges and future directions in civil engineering. By bringing together experts, advisors, and young engineers, the meeting created a valuable environment for both technical dialogue and cross-cultural engagement.

The meeting was attended by representatives from a diverse range of countries, including:

Mongolia, Republic of Korea, Bangladesh, Indonesia, New Zealand, United States, Myanmar, Turkey

This international participation highlighted the global dimension of the program, strengthening ties between Japanese engineers and their counterparts abroad. It also emphasized JSCE's commitment to promoting international cooperation in civil engineering research, education, and practice.



PHOTO8: JSCE 2025 annual meeting 27th Int'l Summer Symposium

2.6 Day 5 (September 11th 2025) /Presentation Day and Reception/

That day marked the main highlight of STG 2025, as we were required to participate and present our research. The conference was organized in the form of poster presentations, and each participant was assigned to a specific section for display and discussion.

Our section was particularly unique, as it was dedicated exclusively to international participants. Unlike the other sections, where Japanese students presented their work, our section featured only foreign guests standing by their posters and explaining their research.

I greatly appreciated this opportunity, as it allowed me to gain valuable scientific experience, engage in discussions about a variety of interesting research topics, and interact with Japanese students who visited our section. This exchange broadened my academic perspective and strengthened my understanding of the diversity of research within civil engineering.

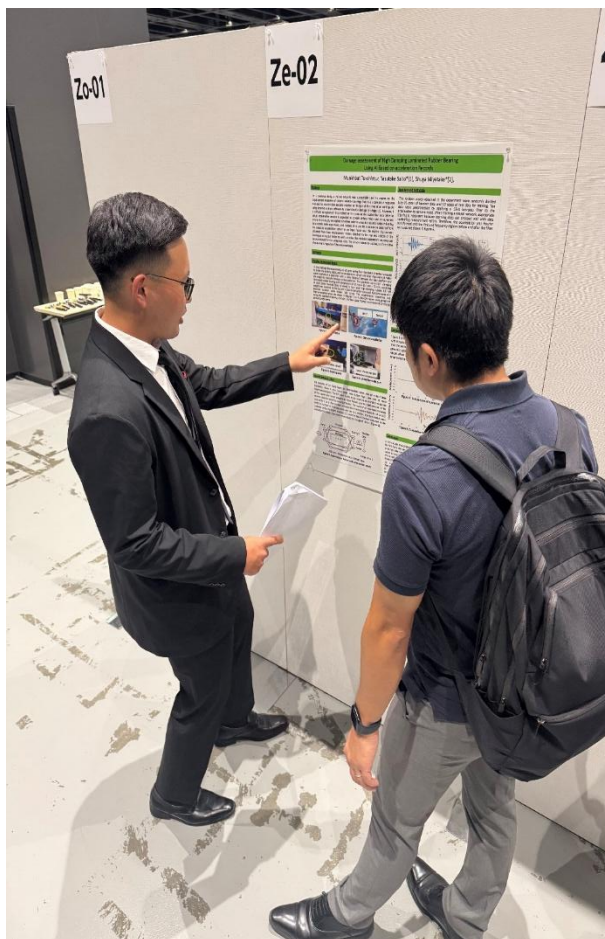


PHOTO 9: The presentation time

In the afternoon of September 11, 2025, the reception of the JSCE 2025 Annual Meeting was organized by the Japan Society of Civil Engineers and held at the historic Kumamoto Castle.

During the reception, representatives from different countries were invited to speak. Each representative shared their impressions, feelings, and reflections on the JSCE 2025 Annual Meeting, highlighting the significance of international collaboration and the value of knowledge exchange across borders.

This event not only provided a ceremonial closing to the academic sessions but also created an opportunity for participants to strengthen their professional networks and foster international friendship within the global civil engineering community.



PHOTO 10: Reception at Kumamoto castle

2.7 Day 6 (September 12th 2025) /Return to Mongolia/

After completing the STG 2025 program and attending the JSCE Annual Meeting in Kumamoto, I began my journey back to Mongolia. The return marked the conclusion of an unforgettable academic and cultural experience in Japan.

The trip allowed me not only to present my research and exchange ideas with international experts, but also to broaden my perspectives by visiting world-class research institutes, historic sites, and disaster memorials. Carrying these experiences back to Mongolia, I feel motivated to apply the knowledge gained during the program to my studies, research, and professional work in civil engineering.

In short, it was an unforgettable journey, and I felt very sad to leave Japan. I truly loved my time there and developed a deep appreciation for the country.

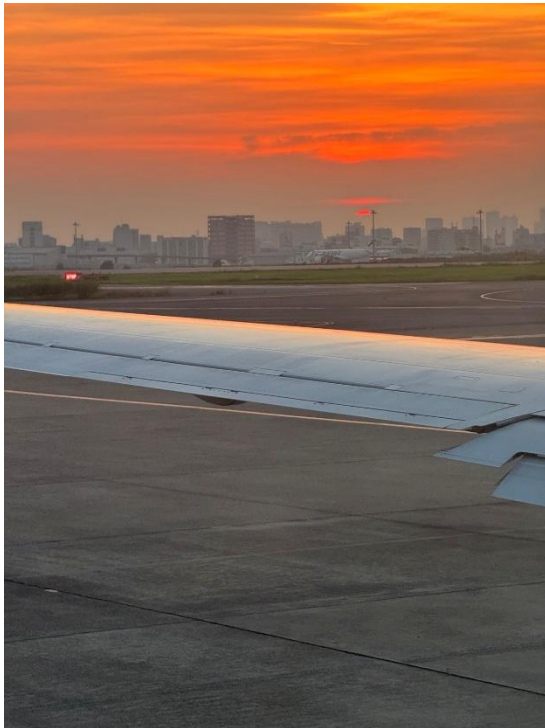


PHOTO 11: Return to Mongolia

3. GRATITUDE and ACCOMPLISHMENT

I would like to express my sincere gratitude to the Japan Society of Civil Engineers (JSCE) for organizing the STG 2025 program and providing such a valuable opportunity for international exchange. My heartfelt thanks also go to my advisors, assistance, and all the faculty members who guided and supported me throughout the program. I am especially grateful to the assistance guides, organizers, and fellow participants whose efforts made this journey meaningful, enjoyable, and unforgettable. Their encouragement and cooperation not only enhanced my academic growth but also deepened my appreciation of Japan's culture and hospitality.

Through my participation in STG 2025, I successfully presented my research to an international audience, received constructive feedback from distinguished professors and fellow researchers, and learned about a wide range of innovative studies in civil engineering. I also gained first-hand knowledge from visits to renowned research institutes, technical facilities, and cultural landmarks in Japan. These experiences allowed me to broaden my professional perspective, improve my presentation and communication skills, and strengthen my motivation to pursue further research in earthquake engineering and structural resilience. Above all, the program gave me the confidence and determination to apply the knowledge and insights I gained to my studies and future career in Mongolia.

Best Regards

Munkhbat Tuvshintur