

December 2021

# ISUS Newsletter

*International School of Urban Sciences, University of Seoul*

## Cover Story

### <End of Fall Semester & Winter Vacation>

ISUS students completed their Fall Semester through online classes. This Semester, most of the courses are online classes and presentations. The Winter Vacation period ends on February 28th.

### <The end of the year coming >

As the end of the year is coming closer, we wish that everyone ends 2021 well. Due to COVID-19, there still have been many restrictions for our daily life and events, but the most important thing is the health of each of you. We wish you and your families a beautiful, merry Christmas and a happy New Year.

### <Interview for December >

In this interview of December, we have interviewed Bakhrom Khodjaev, who is a consultant in the Ministry of Construction, Republic of Uzbekistan. He has recently been participating in the project “Modernization of Building Codes in Uzbekistan.”

### <Update of COVID-19 Policy>

From December 6th, restaurants, cafes, cinemas, and other public places in all areas will ask for proof of vaccination or a negative test for entry. This is due to the growing daily cases and the new omicron variant. Also, Private gathers are limited to 6 people and only 1 unvaccinated person can be included.

# Newsletter Interview Article: MURD Alumnus, Bakhrom Khodjaev

ISUS presents a special series of interviews to share stories of ISUS members.

In this interview of December, let us read Bakhrom Khodjaev (MURD 2), who was interviewed by KIM, Junyoung from KOICA YP. Bakhrom Khodjaev is a consultant in the Ministry of Construction, Republic of Uzbekistan. He has recently been participating in the project “Modernization of Building Codes in Uzbekistan.”



**Q1.**Please, introduce yourself.

**Bakhrom Khodjaev :** Hello, my name is Bakhrom Khodjaev, I am from Uzbekistan and a graduate of MURD 2, ISUS 2015–2016. Currently, I work in the Ministry of Construction of the Republic of Uzbekistan as a Consultant.

**Q2. We heard that you have been participating in a project between Korea and Uzbekistan. Could you tell us about the project and your work?**

**Bakhrom Khodjaev :** The proposal of the Korean partners, that is the Korean Ministry of Land and Transportations and the KICT, to create a joint project with our ministry has played important role in my career. Their proposal sounded very relevant and interesting for our Ministry; therefore, the initiative was immediately accepted.

At the same time, I received an offer from the Ministry of Construction for a position as a Consultant of the Ministry. The First Deputy Minister (currently the Minister) has personally interviewed me.

**Q3. Next, what do you expect to accomplish from the project?**

**Bakhrom Khodjaev :** Our project named “Modernization of Uzbekistan building codes” is a long-term and complex project. The importance of this project is difficult to explain shortly, but it aims to improve the entire construction industry in Uzbekistan. Accordingly, the results will gradually appear. As for me, personally, this is a great opportunity and experience. I will work with professionals from the construction sector, both from the Uzbek and Korean sides throughout the project.

**Q4. How did the ISUS programs help you with the project?**

**Bakhrom Khodjaev :** ISUS has made a great contribution to the formation of who I am right now. In addition to knowledge, I acquired a very important thing – networking and broadening my perceptions of the world. I have been trying to approach the solutions of many issues that happen from the project, using different ways for them with the knowledge that I’ve learned from ISUS. Moreover, I treat my work more deeply and seriously and begin to look further into the future of projects.

**Q5. Could you share with us the most memorable experience in ISUS?  
(Such as impressive courses/projects/friends or anything else)**

**Bakhrom Khodjaev :**Of course, I experienced a lot of good feelings while I was in Korea. The most memorable thing for me, most likely, was the people. Each of the pleasant events that happened to me in Seoul was associated with the people I met in ISUS. Although I rarely manage to keep in touch with them, they are in very deep of my heart.

**Q6. What do you want to do in this project in the future? Or what is your next career plan?**

**Bakhrom Khodjaev :** After completing the Master's program in ISUS, I realized that I want to continue to study and work on myself. I really hope that I will be able to link this project of Building Code Modernization with Ph.D., which is my next goal.

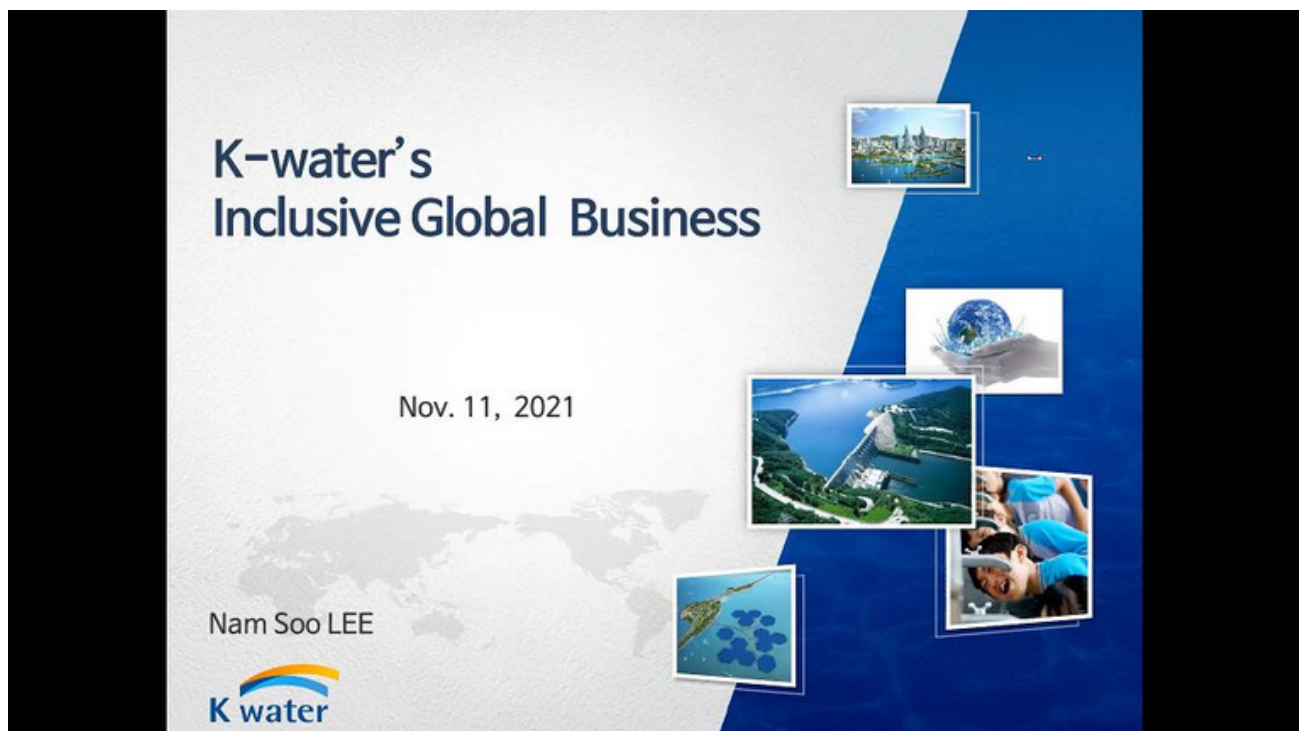
**Q7. Lastly, do you have any words you want to say to ISUS members?**

**Bakhrom Khodjaev :** I want ISUS to prosper forever. This is a unique place for studying and provides an opportunity to be with experts in urban sciences. I would also like to advise everyone who is studying at ISUS to value their time. This stage in life turns out to be very fast and it turns out that this is one of the best stages in your life. I dream of going back to that time. Big thanks to everyone.



# ISUS 68th Urban Infra Forum

The ISUS 68th Urban Infra Forum (UIF), marked the Third UIF for the 2021 Fall Semester. It was held on November 11, from 5:00 to 6:30 PM as a type of webinar via Zoom. The topic was “K-water’s inclusive global business”, delivered by Nam Soo LEE, currently the General Manager of K-water water academy.



Through this event, participants were granted a valuable opportunity to learn how K-water has managed Korea’s water resources for over 50 years, as well as the businesses and cooperation that the organization has conducted globally. Furthermore, participants got to acknowledge K-water contributions to the improvement of the water sector and industry.

## Major Project (2)

[Philippines]

Angat Hydropower Plant

- [ Project description ] Acquisition of hydropower facility and O&M ⇒ O&M 25 years + 25 years
- [ Facility capacity ] 218MW (50MW × 4 units, 6MW × 3 units), 371GWh
- [ Total project cost ] 483 million USD (Equity 45%; Debt 55%)
- '14.11. Start of commercial operation



View of the dam



Power Plant House

UIF is a discussion forum on Infrastructure, Sustainable Urban Development, Construction, Environment, or related issues with invited speakers. Participants of the forum are mainly ISUS members. The forum has served as a platform for international networking and mutual learning

Please find the lecture materials of UIF on the website below.  
[http://isus.uos.ac.kr/freeTC/list.do?list\\_id=50018C7](http://isus.uos.ac.kr/freeTC/list.do?list_id=50018C7)

ISUS homepage > community > Urban Infra Forum

# MUAP 14 Field Trip to Jeju

From November 5 to 7, MUAP 14 students, coordinators, and Professor Park Joon visited Jeju Island.

They visited CFI Energy Future Hall, which is in the east part of Jeju Island. It was the place for learning about green energy policy and planning in Jeju, as a carbon-free Island. Also, there was information about the effects of climate change all over the world, which led to pursuing the change to renewable energy systems. Students were impressed by the experimental and demonstrative model that Jeju's Government is conducting in Gapa-do, with the aims to adapt to a real city.



<CFI Energy Future Hall>



<Jeju World Natural Heritage Center>

Also, MUAP students visited Jeju World Natural Heritage Center. Even though students could not enjoy the exhibition to its full, it helped them to understand Jeju's special natural circumstances and people's desires to preserve its nature as a World Natural Heritage.

Apart from these technical visits, students enjoyed Jeju's natural scenery at Woljeong Beach, Seongsan Ilchulbong Tuff Cone, Camellia Hill, and Oedolgae Olle trail.



# MUAP 14 Field Trip to Goyang-si

MUAP14 batch students had a field trip to Goyang-si on November 19, in which they visited the Hyundai Motorstudio and the Korea Institute of Civil Engineering and Building Technology.

## Hyundai Motorstudio Goyang Exhibition Tour

Hyundai Motorstudio Goyang is the largest mobility theme park in South Korea, offering fun and excitement for visitors as they learn about how cars are manufactured and how they function. There are many facilities visitors can enjoy, including the exhibitions about the manufacturing process of Hyundai cars in 14-different stages.





## The Korea Institute of Civil Engineering and Building Technology (KICT) Lab Tour

The Korea Institute of Civil Engineering and Building Technology (KICT) is Korea's only government-funded research institute for construction technology. KICT runs the tour programs to promote the possibilities of construction technology and its diverse applications to those interested in construction technology. During Lab Tour, students were introduced to the different roles and functions of the organization and they had an opportunity to look around experimental labs.



# MURD 4 Paju DMZ and KITC Field Trip

On November 10, MURD 4 students visited Paju DMZ and KICT (Korea Institute of Civil and Building Technology).

In the morning, Students took a Korean Demilitarized Zone (DMZ) tour program on a half-day led by a guide. On the way from Seoul to Paju DMZ through the Freedom highway, students learned about Korea's division history and South-North Korea relations.



Students toured the 3rd Tunnel, one of the tunnels under the border between South Korea and North Korea, for later watching a brief film at the DMZ Exhibition Hall to gain further knowledge about the Korean Peninsula. After these activities, students moved to Dora Observatory to watch North Korea over the telescope.



During the afternoon, students visited Ilsan KICT (Korea Institute of Civil and Building Technology) established in June 1983. KICT is Korea's only government-funded research institute for construction technology. It is an institution dedicated to social roles and responsibilities as a research institute based on its R&D capabilities accumulated over 40 years.

Students toured a total of 4 spots (Future Convergences Department, Zero Carbon Green Home, Structural Experimental Bldg., Breakwater Experimental Bldg.) to learn Korea's Performance advancement technology for national infrastructure facilities and Technology for construction-based convergences.



# MURD 4 Field Trip to Sejong, Saemangeum and Imsil

On November 17, MURD 4 students traveled to Sejong City, where they visited the smart city in Sejong, Sejong lake park, and Korea Research Institute for Human Settlements (KRIHS).

Sejong city was developed by the government as a new town, which would be specialized in governmental administration. Therefore, many government offices are located there. This city has a goal to become one of the most developed smart cities in Korea.



On November 19–20, students visited Saemangeum and Imsil. Saemangeum is an ambitious reclamation project area located in Jeonbuk Province along the Yellow sea. Mr. Nojun Park, an ISUS alumni of the Global Construction Department at the Saemangeum Development Corporation introduced the Saemangeum project as the world's best Smart Waterfront city.





The development of the cheese industry in the small country town of Imsil is an example of inclusive development which is one of the Sustainable Development Goals (SDGs). In the past, people of this area decided to use goat milk to produce cheese, to contribute to mitigating the poverty of residents. In the 1960s, priest Jeong-hwan Ji designed a development plan by creating a cheese production process. At that time, cheese was not common in Korea, however, nowadays Imsil openly boasts its high-quality cheese, and many Koreans consume it. Students found inspiring the “the power of one” story since all the economic and regional development is attributed to one passionate person who dreamed of a better future.





# MIPD 4 Field Trip to National Aviation Museum and Seoul Botanic Garden

On November 26, MIPD 4 had a field trip to the National Aviation Museum and Seoul Botanic Garden.



## National Aviation Museum

The National Aviation Museum is the first national museum of aviation in Korea. It was opened to coincide with the 100th anniversary of the opening of the Korean Flight School. The museum introduces the visitor to domestic and overseas aviation history in detail and displays 16 real airplanes. It has five sections: aviation history, aviation industry, aviation life, outdoor exhibitions, and special exhibitions.

## Seoul Botanic Garden

Seoul Botanic Garden consists of four areas: an open forest, a theme park, a lake garden, and a wetland garden. The theme garden is a greenhouse with two pavilions, Mediterranean and Tropical.

By visiting this place, MIPD4 students got to know different types of plants and cultures from 12 cities around the world as well as to be more conscious about how vegetation increases biodiversity and maintains ecological balance.



# MGLEP Field Trips

On November 19, Environment Engineering Class and Professor Lee InGyu visited the Seoul Water Recycling Corporation and Tancheon Water Recycling Center.





Later that month on November 26, Professor Lee InGyu's class visited the Sewerage Science Center.





Finally, on November 30, Environment Engineering Class and Professor Lee visited the Waterworks Museum.









# The end of year upcoming soon!



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