

November 2021

ISUS Newsletter

International School of Urban Sciences, University of Seoul

Cover Story

<Final Class Evaluation Period>

The final class evaluation period will be in December 2021. All students must conduct the final class evaluation online through the Wise system. After Final Class Evaluation, students will be able to check their grades in January 2022.

<Field Trips of IUDP Programs >

MIPD, MUAP, MGLEP Students went on field trips. MIPD 3 students went on a field trip to Gangneung and Wonju on October 21-22. MGLEP 6 and 7 students had a field trip to Sejong National Arboretum located in Sejong City On October 15. MUAP 14 students had a field trip to the Seoul Museum of History on October 6.

<"With Corona" Starts this month >

From November 1st, "With Corona" Policy started. In this guideline, private gatherings are possible for up to 10 people. However, at cafes and restaurants, unvaccinated people can be maximum of 4 people among 10. So, please be aware of the guidelines and always wear the facemask.

<Interview for November>

In this month, we have interviewed Roger Tertuliano Belo, MURD 2 student. He is a director of the Ministry of Public Works, at Timor-Leste. He has recently been promoted as the director of the organization and was willing to share his experience in ISUS.

Remarkable News From Murd Alumnus, Roger Tertuliano Belo

ISUS presents the special series of interview to share stories of ISUS members.

In this interview of November, let us read about Roger Tertuliano Belo, MURD 2 student. He is a director of the Ministry of Public Works, at Timor-Leste. He has recently been promoted as the director of the organization and was willing to share his experience in ISUS.



<Roger Tertuliano Belo>

Q1. Please, introduce yourself.

Roger Belo: My name is Roger Tertuliano Belo. I come from Timor-Leste and live in Dili. I am one of the ISUS alumni. I have a master's degree in Urban and Regional Development (MURD). I got it from ISUS – University of Seoul (UOS) through the CIAT – KOICA Program in 2016. I have more than 15 years of working experience as an Architect and Urban Planner. Now I am working at the Ministry of Public Works Timor-Leste.

Q2. We heard that you've been promoted to director. Congratulations! Could you introduce your organization, position, and work?

Roger Belo: Thank you! I am happy to know that you keep up with my promotion in my workplace. I am working at the Ministry of Public Works, this ministry is important in the structure of the Government of Timor-Leste which is responsible for policy design, implementation, coordination, and evaluation process that has been defined and approved by the Council of Minister in the areas of Public Works, Water Management, Power Management, and Housing and Urbanism. The Director General for Housing and Urbanism is responsible for ensuring general guidance and for integrated coordination of all ministry services with competence in areas of Housing, Urbanism, and Building Permit (Building License). I have been promoted to be Director General just about 6 months ago.

Q3. What was your motivation/inspiration to be the director?

Roger Belo: Based on my experiences during my study and visiting many places in South Korea, I was so impressed with the development miracle that South Korea achieved in such a short time. I know that Timor-Leste is not South Korea, but I believe Timor-Leste can follow South Korea's footsteps towards development.

Q4. How did the ISUS programs help you get the position, or build your career?

Roger Belo: I will never forget that from the ISUS program I learned numerous things and gain many experiences for me to be able to implement them in Timor-Leste, adjusting them to our circumstances. Specifically, the ISUS program helped me a lot with Urban Infra Forum and Internship program.

Q5. Could you share with us the most memorable experience in ISUS?

Roger Belo: The Inno-Bigdata training was provided by the ICT Center of Korea Expressway Corporation in Dongtan, Gyeonggi-do. It was a six-day course, 4 days in the classroom, and 2 days of site visiting. The most memorable experience was when we were visiting a tunnel construction site in Gangwon Province. I was quite excited when we were at the entrance of the construction site and I enjoyed it, I was surprised when I heard someone say that “we are about 100m underground”. Suddenly I was shocked and panicked, I felt like I couldn’t breathe and there was no oxygen available. This situation lasted during our way down. I’ve never had this kind of experience before, although I like diving as well. We were staying there for approximately 45 minutes, listening to the project manager’s explanations regarding the tunnel project. During that time, I was so uncomfortable and anxious. I tried to control myself slowly before we were out of the tunnel. I think this is my most memorable experience in South Korea because I could have an experience I had never had before.

Q6. What do you want to do as a director in the future?

Roger Belo: I decided to implement the knowledge and experiences that I acquired during my study in South Korea, particularly to develop the city from traditional to modern management and to introduce the smart city concept to my city in Timor-Leste.

I have also been trying to contact organizations or institutions in South Korea to help us in terms of city development and smart city concept. This project is still in process, and I am planning to visit KOICA Timor-Leste Office to discuss it.

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

Roger Belo: My wish is that every ISUS member continues to experience success, to feel fulfilled in everything they do, and to have nothing but pleasant results with each completed project! While that may be an overly optimistic wish, it is sincere. Please keep in touch. Let us make ISUS a large network in the world.



ISUS 67th Urban Infra Forum



The ISUS 67th Urban Infra Forum (UIF) marked the Second UIF for 2021 Fall Semester. It was held on October 21, 2021, from 5:00 to 6:30 PM as a type of webinar via Zoom. The topic of this edition was “Korea’s infrastructure Cooperation with Latin America” delivered by Soong-Chull SHIN, currently the president of the Korean Council on Latin America & the Caribbean.

Through the 67th UIF, participants were granted a valuable opportunity to learn about the current state of infrastructure cooperation between Korea and Latin America, and the opportunities and challenges for Korea to have more strengthened cooperation with Latin America in the field of Infrastructure.

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

ISUS homepage > community > Urban Infra Forum

The 4TH UOS International Joint Seminar



The poster features a dark blue header with a map of Southeast Asia and a smart city illustration. The main title is in orange and white. Below it, the dates and online link are provided. A table lists the presentation topics and speakers. The bottom section includes a photograph of a city and logos for NRF, Seoul National University, and the Global Urban & Infrastructure Research Center.

The 4th

Establish of Smart city export HUB platform based on Korea-ASEAN multidisciplinary public-private network
RSARoad Safety Audit Guideline Development Using a Driving Simulator Facility Based on Digital Twin Technology

UOS International Joint Seminar
“Smart City & Expressway”

◇ Dates : 2021년 10월 26일 화요일, 20:30~22:30, (Oct 26(Tue), 2021)

◇ On-line : <https://uos-ac-kr.zoom.us/j/86861871580>

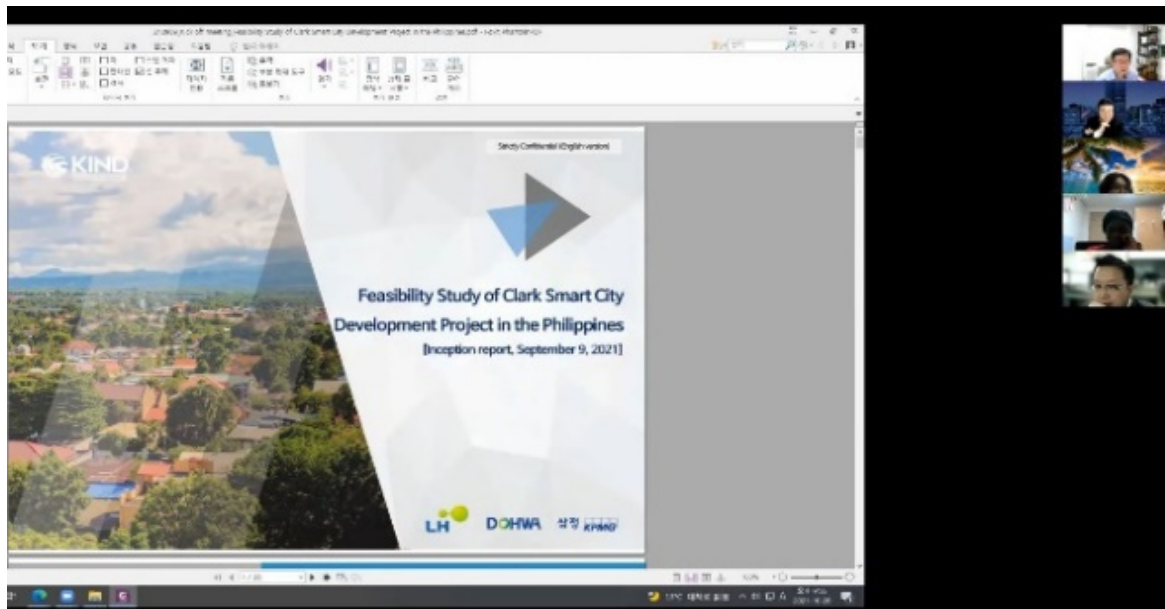
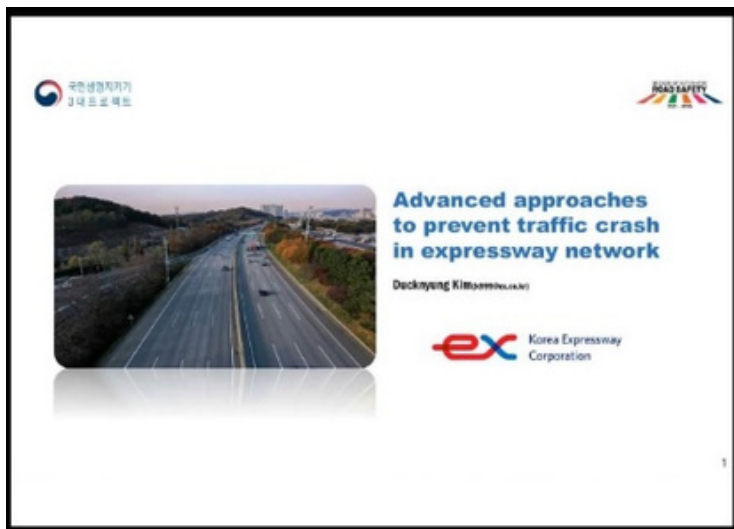
◇ Lecture title :

No.	Presentation Title	speaker
1	Super BRT and KICT	Sung, Jung Gon (KICT)
2	Advanced approaches to prevent traffic crash in expressway network	Kim, Ducknyung (KEC)
3	K-city development feasibility study	Lee, Ho Jin (DOHWA Eng.)
4	Q & A	

국제도시 및 인프라연구센터
Global Urban & Infrastructure Research Center

This event was an online seminar in which three topics were presented:

- I. BRT (Bus Rapid Transit) system and Introduction of KICT (Korea Institute of Civil engineering and building Technology), by Dr. Jung Gon Sung (KICT)
- II. Advanced approaches to prevent traffic crash in expressway network, by Dr. Ducknyung Kim (KEC)
- III. Feasibility Study of Clark Smart City Development Project in the Philippines, by Deputy Head Ho Jin Lee (DOHWA Eng)



The seminar had the participation of researchers and around 45 students from IUDP and Global Construction.

MIPD 3 Gangneung-Wonju Field Trip



On October 22-21, 2021, MIPD 3 students went on a field trip to Gangneung and Wonju, during which they were able to visit various institutions.

1. Museum SAN

At the Museum SAN, students visited a building designed by world-famous architect Tadao Ando. Students were able to see the harmony between nature and architecture while viewing the unique structure of the architecture in Museum SAN.

2. Hanji Theme Park

Students could learn about the history and use of Hanji at the Hanji Theme Park. They were able to experience Korean culture by making Hanji crafts themselves.

3. Climate Change Promotion Center

At the Climate Change Promotion Center, MIPD 3 students were able to learn about the current state of climate change and how to deal with it. They could learn about architecture using green energy and how to build infrastructure to respond to climate change.

MGLEP Field Trip To Sejong National Arboretum

On October 15, 2021, MGLEP 6 and 7 had a field trip to Sejong National Arboretum located in Sejong City.

Sejong National Arboretum is a national arboretum that was established in July 2020. Due to COVID19, visiting this new place wasn't easy as it has limitations of visitors per day. In spite of difficulties, MGLEP was right on time as the Arboretum just changed its special theme to Autumn in early October.

The Arboretum is an enormous place with an area of 65 ha (649,997 m²) and takes about 4 hours to explore all the sites.

Unfortunately, MGLEP students did not have enough time to fully explore the National Arboretum, however, they had a chance to see some of the main points.



<Photo credit: Sejong National Arboretum>

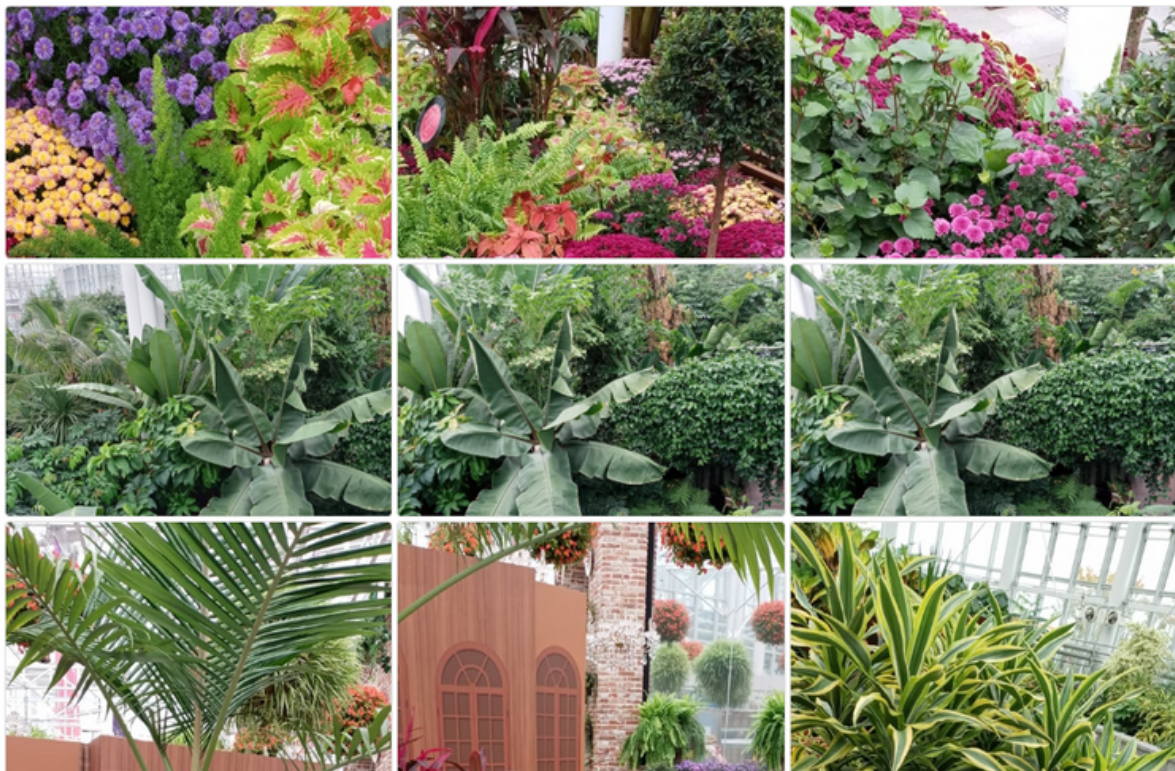
1. The Four Seasons Exhibition Greenhouse

The Four Seasons Exhibition Greenhouse is a place where visitors can learn the importance of biodiversity through different exhibitions and educative information. This greenhouse has become a landmark of Sejong Special

Self-Governing City and was designed in the shape of the three water stars (petals) of the iris, a monocotyledonous plant. This building has a maximum height of 32 m and a total area of 9,815.16 m² in which the visitors can enjoy the Mediterranean, tropical, and special hall exhibitions.

This greenhouse hosts Mediterranean and tropical plants that grow in climatic zones different from Korea's. It is a space where nature and people meet to create and exchange culture through specially planned exhibitions by theme, centered on plants. The Mediterranean Plant Exhibition Garden is a 32-meter-high observation deck, that has 1,960 plants of 228 species such as aquarius, olive, date palm, and bougainvillea are displayed. You can observe 6,724 plants of 437 species including trees.

*Information taken from Sejong National Arboretum



<Photo credit: MGLEP 6 Lemesa Hirpe WARI>

2.Korean Traditional Garden

The Korean traditional garden consists of a palace garden, a byeolsoe garden, and a private house garden. In the palace garden, Changdeokgung Palace's Juhapru and Buyongjeong were created in real size, and in the Byeolsoe Garden, a mountain stream, a flower garden, and a fence were created under the theme of Soswaewon. The private house garden was created to provide familiarity and comfort by introducing the pavilion trees and stone walls found in old villages as garden elements.

*Information taken from Sejong National Arboretum



〈MGLEP 7 with Prof. Shin Lee〉

〈MGLEP 6 with Prof. Shin Lee〉



MUAP Field Trip To Seoul Museum of History



On October 6, 2021, as a part of Prof. Myeonggu Kang's Urban Planning and Development class, MUAP14 batch students had a field trip to the Seoul Museum of History.

Seoul Museum of History is a history museum located in Jongno-gu, Seoul, South Korea. Given that Seoul was the capital of the Joseon Dynasty, the Museum depicts the evolution from its prehistoric period to the city as it is today. This museum illustrates the history of Seoul and hosts special exhibitions, such as Panoramic Prague.

As evidenced by Eastern classics, history has long been referred to as “mirror” (鑑). Korean ancestors believed that history is not only the stories of the past but also a reflective medium that shows us the present day.

The Seoul Museum of History takes its visitors on a journey— a journey through time, rather than space. It is the ideal place to explore Seoul's timeline from its birth to a global city and see the changes that Seoul underwent. This place allows visitors to understand how these changes made Seoul the city that we know now, as well as to imagine how the city may change in the future.

The Seoul Museum of History's permanent exhibitions show the origins of Seoul, the life of its people, and the changes of Seoul towards a modern society. Various donated relics, evidence of the history and culture of Seoul, are also on display. The Seoul Museum of History preserves the history and memories of Seoul, shares them with visitors, and passes this knowledge to future generations.



UOS Campus in November



Get Ready for the Cold Winter!



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