

**Call for Participation**  
**Summer Seminar for International Students in 2019**  
**“Underground Space Supporting Mega Cities”**

**1. Date of the seminar**

August 20th and August 21th in 2019 (two days and one night)

For detailed information, please click [here](#).

**2. Participation fee**

- ¥3,000 must be paid for materials.
- Accommodation cost on August 20th, and meals from the start to the end of the seminar will be covered by the organizers. (Accommodation on 20th is booked for all participants by organizers)
- For students who are from a distance and need to stay on August 19th, accommodation will be prepared by the organizers when requested.
- The transportation costs to the venue and accommodation area must be paid at the participants' own expense.

**3. Capacity of participants**

30 international students studying in graduate schools of Japanese universities and 10 Japanese graduate students

**4. Eligibility**

You are eligible to apply for this seminar if you are studying in the fields concerning infrastructure development, at the department of civil engineering, urban engineering, construction engineering, environmental engineering as well as jurisprudence, economics and sociology and so on. And ALL of the following conditions should be satisfied:

- You are a student enrolled in Japanese graduate school.
- You accept the conditions described in the section “8. Conditions.”

**5. How to apply**

- Application deadline: Friday, June 28th, 2019, 23:59 JST
- Applicants for this seminar are required to complete the application form below and press submit button. Applicants should complete the application form below and press submit button.

[Summer Seminar for International Student in 2019](#)

**6. Selection of participants**

- If the number of applicants exceed the capacity, we will select the participants based on application documents of all applicants.
- A selection committee, represented by each of the host organization, will conduct the screening from basic viewpoints of your knowledge of underground spaces, your motivation and your intended future career and so on, described in the application document.

**7. Notification**

All the applicants will be notified the results by e-mail no later than Friday, July 12<sup>th</sup>, 2019.

## **8. Conditions**

- The accommodation for the night of August 20th will be provided by the organizers.
- Because of the hot season, business casual wear is acceptable, but please dress respectfully.
- Personal safety insurance during the seminar must be purchased at participant's own expense.
- If you cannot attend the seminar for personal reasons, please let us know by Friday, August 2<sup>nd</sup>.
- All participants must follow the organizer's instructions.

## **9. Language during the Seminar**

English / Japanese (simultaneous interpretation provided)

## **10. Organizers**

Organizer : National Graduate Institute for Policy Studies

Co- Organizer : Hazama Ando Corporation, Obayashi Corporation, Okumura Corporation,  
Kajima Corporation, Penta-Ocean Construction Co., Ltd, Shimizu Corporation,  
Taisei Corporation, Nishimatsu Construction Co., Ltd.

Cooperator : The University of Tokyo, Ministry of Land, Infrastructure, Transport and Tourism

Supporter : Japan Society of Civil Engineers, The Japanese Geotechnical Society

## **11. Contact**

Secretary General of the Committee on the Summer Seminar for International Students in 2019

e-mail: SSIS2019\_US@pco-prime.com

## **Committee on the Summer Seminar for International Students in 2019 “Underground Space Supporting Mega Cities”**

Chair Kazumasa OZAWA, Professor, the Univ. of Tokyo

Vice-chair Katsuro Sugihara, President&Representative Director,SC machinery

Vice-chair Kaoru Kuniyuki, Counselor, Okumura Corporation

Member Kenichi Inoue, Hazama Ando Corporation

Member Taisuke Uenishi, Obayashi Corporation

Member Hiroyoshi Kawasaki, Obayashi Corporation

Member Kenzou Takase, Kajima Corporation

Member Satoshi taguchi, Penta-Ocean Construction Co., Ltd.

Member Hideaki Obi, Shimizu Corporation

Member Toshifumi Yasuda, Taisei Corporation

Member Toshihide Iwai, Taisei Corporation

Member Chiharu Mori, Nishimatsu Construction Co., Ltd.

Secretary general PRIME International Co., Ltd.

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**“Underground Space Supporting Mega Cities”**

【Meeting Time】 9:00, 20th Aug.

【Venue】 National Graduate Institute for Policy Studies (GRIPS)

Date	Time Table	
Tuesday 20th Aug.	9:00	Registration
	9:10	Orientation
	9:20	Welcome address / Prof. Ieda, Hitoshi (GRIPS)
	9:25	Opening address / Prof. Kazumasa, Ozawa (the Univ. of Tokyo)
	<b>Keynote lecture</b>	
	9:35	History of the legal establishment of underground space utilization and future prospects / Masafumi, Mori (Former Vice-Minister, Ministry of Land, Infrastructure, Transport and Tourism)
	10:05	Variety of Underground Space and how to ensure the safety / Associate Prof. Yu, Hiroi (the Univ. of Tokyo)
	10:50	Break (10 minutes)
	<b>Welcome to the Construction World of Underground Space in Mega Cities</b>	
	11:00	Easy to understand how to construct Underground Space / Shigeki, Kinoshita (Okumura Corporation)
	11:30	Semi-underground excavation tunnel construction in densely populated Areas / Gen, Okumoto (Kajima Corporation)
	12:00	Lunch (1 hour)
	13:00	Cut under Tokyo station with thousands of train operations and millions of passengers / Nobuo Kurosaki (Obayashi Corporation)
	13:30	Challenge to tough working environment by exporting high quality technology! / Kyouzou, Fujita (Penta-Ocean Construction Co., Ltd)
	14:00	Can we move the 6-story apartment? The world's largest cross-section box pulling by Roof & Culvert method under the railway / Jun, Fujita (Shimizu Corporation)
	14:30	Break (5 minutes)
	14:35	Conserving urban life ~ Shield tunneling method ~ / Takashi, Imaishi (Taisei Corporation)
	15:05	How to optimize huge space underneath the highly integrated city / Hiroshi, Nakura (Hazama Ando Corporation)
	15:35	Break (10 minutes)
	<b>Special Lecture</b>	
	15:45	Collapse of the ground and Safety / Prof. Reiko, Kuwano (the Univ. of Tokyo)
	16:30	History of the Japanese general contractor and its future / Makoto, Isshiki (Executive Vice President, Nishimatsu Construction Co., Ltd.)
	17:15	Break (15 minutes)
<b>Friendship party</b>		
17:30	Friendship party (in GRIPS)	
19:00	Breakup	
20:30	Arrive to the hotel (Toyoko Inn Urawa Misono)	
Wednesday 21th Aug.	8:10	Meeting at the Lobby of the hotel (Riding the Bus)
	8:15	Move to the Metropolitan Area Outer Underground Discharge Channel
	9:15	Tour of the Metropolitan Area Outer Underground Discharge Channel
	11:00	Move to the Tokyo Outer Ring Road (Oizumi JCT) Including Lunch
	13:00	Tour of the Tokyo Outer Ring Road (Oizumi JCT)
	14:30	Move to the Tokyo Outer Ring Road (Chuo JCT)
	15:30	Tour of the Tokyo Outer Ring Road (Chuo JCT)
	17:00	Move to the Tokyo Station
18:00	Breakup @ Tokyo Station	