

INTERNATIONAL GRADUATE PROGRAM

*Let's Study in
UTokyo!!*

Department of Civil Engineering, the University of Tokyo – *UTokyo* – is offering an international graduate program with the following key features:

- All classes are provided in English
- Immediate enrollment in a degree program
- Full scholarship support
- Huge international alumni network
- Opportunity to study in one of the top departments in the world

→ For more information about the features, see the next page.

← To find out how to apply, see the last page.

Key Features of the Program

All classes are provided in English!

Lectures and research supervision are all given in English. In our department there are, in total, 40 lectures provided in English in the fields of infrastructure management, regional planning, transportation engineering and planning, environmental engineering, coastal engineering, hydraulic and water resources engineering, geotechnical engineering, concrete engineering, structural engineering, disaster mitigation engineering, spatial information science, and international projects. Students can also take courses offered in English by other related departments. In total, you will have over 100 lectures to choose from.

Immediate enrollment in a degree program!

You will be enrolled as a full-time graduate student immediately after arrival in Japan, and can earn a higher degree within two years for Master's and three years for Doctoral degrees.

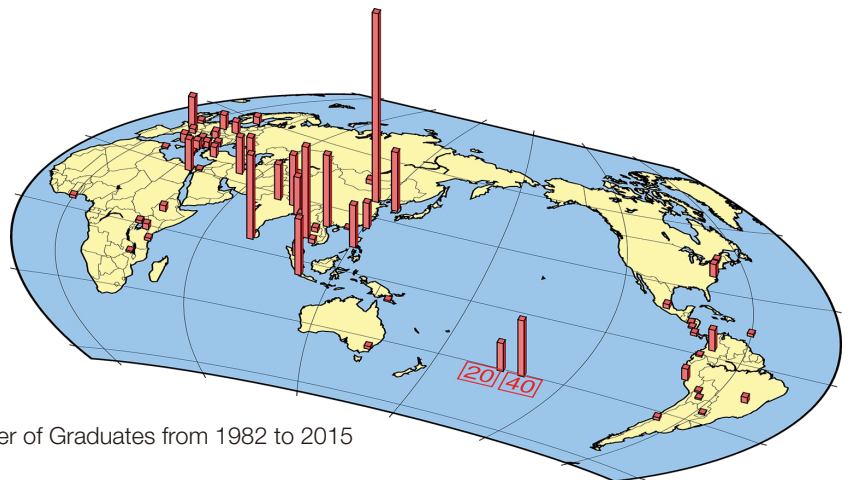
Full scholarship support!

Scholarships for approximately 30 students are provided every year mainly by:

- The Japanese government, Ministry of Education, Culture, Science, Sports and Technology (MEXT), and
- Asian Development Bank (ADB).

Huge international alumni network!

More than 800 international students have completed our graduate program since 1982. And we have founded a web-based Civil Engineering Alumni Network (CEAN), to encourage communication between our alumni all over the world.



Number of Graduates from 1982 to 2015

Opportunity to study in one of the top departments in the world!

Our department is ranked in the top category in the QS World University Ranking by Subject (Civil & Structural Engineering).



Lecture



JLC - Speech Contest

2022 List of faculty members and their field of study at Department of Civil Engineering Appendix II

Group	Faculty member's name	Field of study
Transportation engineering and planning	Prof. Eiji Hato	Urban planning and transportation engineering
	Prof. Takamasa Iryo (PSL)	Network traffic studies
	Prof. Takashi Oguchi (IIS)	Traffic management and control, Traffic flow analysis, Road geometric design, Mobility innovation
	Assoc. Prof. Shoichi Suzuki (IIS)	Transport policy
	Assis. Prof. Junji Urata	Computational Transportation Engineering, Evacuation, Social Interaction Behavior
Spatial information	Prof. Takashi Fuse	Spatial information engineering, Regional dynamics analysis, Integration of measurement and simulation, Photogrammetry, Image processing, 3D visualization
	Prof. Wataru Takeuchi (IIS)	Remote sensing of environment and disaster, Interaction between terrestrial ecosystem and human society
	Prof. Tsuyoshi Ichimura (ERI)	Urban and social simulation, Computational science, Computational earthquake engineering/seismology, Convergence of artificial intelligence and physics-based simulation
	Assoc. Prof. Lalith Wijerathne (ERI)	Computational earthquake engineering, Large-scale simulations of 3D crack propagation, 1:1 scale economic simulations
	Assoc. Prof. Kohei Fujita (ERI)	Large-scale earthquake simulation using Fugaku, Computer science algorithm development for utilizing advanced computer architectures
	Prof. Yoshihide Sekimoto (CSIS)	People flow simulation, Real-time urban monitoring, Data distribution platform, Digital urban design
Infrastructure development and management	Prof. Masahide Horita	Infrastructure systems management, Collective decision-making theory, Public procurement, Project delivery systems design, International project management
	Assist. Prof. Yu Maemura	Conflict and negotiation, development aid policy and practice, project evaluation, intercultural communication
	Project Assoc. Prof. Pang-jo Chun (DFL)	ICT/AI for Infrastructure maintenance, BIM/CIM, i-Construction system studies
	○ Proj. Prof. Kazumasa Ozawa (DFL)	Construction project management, i-Construction system studies, Public procurement system
	○ Proj. Prof. Muneo Hori (DFL)	Computational earthquake engineering, i-Construction system studies, Applied mechanics
Design and landscape	Prof. Yu Nakai	Civic design, Landscape design, Civil engineering history
Hydrosphere and environment t	Prof. Koji Ikeuchi	River engineering, Water and disaster management, Conservation and restoration of river environment
	Prof. Yoshimitsu Tajima	Coastal hydrodynamics, Coastal protections and beach topography changes, Mitigations and management of flood disaster
	Prof. Fuminori Kato (PSL)	Coastal disaster and erosion management, Coastal structures
	Prof. Kei Yoshimura (IIS)	Isotope meteorology, Land surface processes, Dynamical downscaling, Earth system model development, Civilization and climate change
	Assoc. Prof. Takeyoshi Chibana	Ecosystem management in a river basin, River morphology, River engineering, River environmental protection and restoration
	Assoc. Prof. Takenori Shimozono	Wave modeling, Coastal morpho-dynamics and Disaster prevention
	Assoc. Prof. Dai Yamazaki (IIS)	Hydrology, Global hydrodynamics, Modelling and remote sensing of surface waters, Hydro-topography analysis
	Assoc. Prof. Yohei Sawada (IEI)	Hydrometeorological disaster prediction, Simulation-observation integration
	Proj. Prof. Kazuo Oki (IIS)	Global monitoring for ecology and environment, River basin management with RS and GIS
	Proj. Prof. Akiyuki Kawasaki (IFI)	Water-related disaster and poverty reduction, Disaster prevention and river basin planning in developing countries, Global commons
	Proj. Prof. Masashi Kiguchi (IFI)	Monsoon variation climatology, Hydrology and climate change, Rainfall phenomena in monsoon Asia
	Proj. Assoc. Prof. Takao Yoshikane (IIS)	Regional Earth System Modelling, Local-scale weather prediction using AI
Infrastructure technology and design (A)	Prof. Junichi Koseki	Seismic stability of retaining walls, Deformation properties of geomaterials, Liquefaction, Ground improvement and soil reinforcement
	Prof. Reiko Kuwano (IIS)	Laboratory soil test, Long-term behavior of buried/earth structure, Ground cave-in, Internal erosion
	Assoc. Prof. Kenji Watanabe	Seismic stability of earth structure, Performance based design, Reinforcement of existing earth structure/slope against earthquake and heavy rainfall
	Assoc. Prof. Takashi Kiyota (IIS)	Geo-disaster mitigation engineering, Field damage survey, Liquefaction assessment, Landslide
Infrastructure technology and design (B)	Prof. Takeshi Ishihara	Wind engineering, Wind energy, Typhoon disaster mitigation, Computational fluid dynamics, Structural dynamics
	Prof. Tetsuya Ishida	Nonlinear mechanics of aging concrete, Multi-scale and multi-chemo-physics of structural concrete, 3D Printing technology of cementitious materials, Data-driven maintenance management of concrete structures
	Prof. Toshiharu Kishi (IIS)	Material science of concrete, Durability of RC structures, Self-healing concrete, Fresh property, Rheology
	Assoc. Prof. Tomonori Nagayama	Bridge engineering, Structural control and monitoring, Integration of structural and vehicular dynamic models and observation, Structural load
	Assoc. Prof. Kohei Nagai (IIS)	Concrete engineering, Meso-scale analysis, Fiber, Reinforced cementitious composite, Anchorage performance of RC, Infrastructure management
	Assoc. Prof. Tsukasa Mizutani (IIS)	Big data construction of infra-surface/internal structure, Real-time analysis, Radar/Laser sensing, Vibration, Digital signal processing/Image processing
	Assoc. Prof. Yuya Sakai (IIS)	Construction materials engineering, Recycling, Nondestructive testing, Mass transfer in concrete, Highspeed impact test
	Proj. Assoc. Prof. Atsushi Yamaguchi (UCRL)	Wind engineering, Wind power engineering, Wind resource and site assessment, Load estimation on wind turbine, Wind speed and power forecasting
	Proj. Assoc. Prof. Di Su	Structural simulation, Dynamics of bridge structures, Structural health monitoring
	Assist. Prof. Yuya Takahashi	Durability mechanics of reinforced concrete, Thermo-hygro physics of cementitious composites, Life-span assessment and planning
	Project Assist. Prof. Go Igarashi (UCRL)	Numerical simulation on structural performance of new cementitious materials and structure, Long-term durability of construction materials
International project	Prof. Hironori Kato	International transportation studies, Transportation planning, Transportation policy, Transportation economics, Transportation finance
	Prof. Taikan Oki	Human Geoscience, Water/Climate Change and Sustainable Development, Risk Management on Global Environmental Changes
	Prof. Daisuke Fukuda	Planning theory for smart city/mobility, International standardization of smart city/mobility, Evaluation of transportation network reliability, Data engineering for urban redesign
	Assoc. Prof. Shunsaku Komatsuzaki	Public policy studies, Institutional studies on infrastructure development, Social innovation, Case study of international project
	Assist. Prof. So Morikawa	Public administration, Public policy, Participatory and anticipatory governance
	○ Prof. Riki Honda (GSFS)	Social resilience, Social network, Earthquake engineering, Technology transfer, Sustainable management engineering
	Adjunct members: Prof. Kimiro Meguro, Prof. Prof. Tetsuya Ihida, Prof. Wataru Takeuchi	
Earthquake and disaster mitigation engineering	Prof. Kimiro Meguro (IIS/III)	Comprehensive disaster management strategy, Structural and non-structural countermeasures for disaster reduction, International cooperation for disaster reduction
	Assoc. Prof. Muneyoshi Numada (IIS/III)	Disaster Process Engineering, Disaster management, Training/ Educational system

Note 1: ○ represents a concurrent professor. Concurrent professors cooperate with delivering lectures at graduate school of civil engineering, however, they are not in charge of students' dissertation guidance as a general.
Note 2: Principal affiliation of faculty member is as follows; (IIS) Institute of Industrial Science, (ERI) Earthquake Research Institute, (GSFS) Graduate School of Frontier Sciences, (CSIS) Center for Spatial Information Science, (IFI) Institute for Future Initiatives, (GSI) Graduate School of Interdisciplinary Information Studies, (IEI) Institute of Engineering Innovation, (UCRL) University-Community Relations Laboratory, (DFL) Donated Fund Laboratory, (PSL) Program-Specific Laboratory
Note 3: The supervisors in each group will be decided after consultation. The research content is just an example, and the research theme of the student is decided after admission.

Voices from International Students



Jiyue Guo (China)

Doctoral student, International Project Lab

Becoming a student in University of Tokyo has been my dream for a long time. And it was very memorable when I got the final admission result from Department of Civil Engineering. Although the trip to Japan was not very smooth because of Corona, I still remembered the exciting feelings when I landed on Japan. My study in University of Tokyo is full of happiness not only because of my supervisor's patient guidance, but also because of the encouragement from friends in the lab. This experience would be my whole life's treasure with no doubt.

Janak Prasad Kharel (Nepal)

Master Student, Oguchi Lab (Traffic Engineering Lab)

I feel incredibly privileged to get an opportunity to enrol as a graduate student at the Department of Civil Engineering, University of Tokyo, one of the best universities in the world for research and Innovation. I joined the Oguchi Lab at the Institute of Industrial Science in Sep 2020; however, I could physically come to Japan only in Dec due to the travel restriction imposed for the prevention of the coronavirus. I am fascinated by the management of the university to continue its educational and research activities safely and smoothly even in the chaos of the COVID 19 pandemic. The dimension of my research perspective is largely broadened, with a wide range of research topics, and guidance of faculty members and lab members. The Japanese Language Class, host families, interactions with alumni etc. has further assisted me to learn about the Japanese culture, history, and contemporary issues of Japanese society. I believe this amazing expedition at the University of Tokyo would not only pave the way for fruitful research and future career but also broaden the way of thinking about the life and universe. I am grateful to my supervisor, the department and the ADB-JSP program for providing me with such a golden opportunity.



Badri Kuikel (Nepal)

Master Student, Management Lab

I applied to The University of Tokyo in 2018 and got accepted for master's degree under ADB-JSP Scholarship Program. I joined Management Lab from September 2019. Studying here at UTokyo in Japan provided me an opportunity to get familiar with the advanced infrastructures, about which civil engineers are never tired of being curious. Moreover, I have relished Japanese culture, especially Japanese food has always fascinated me. The cordial atmosphere with faculties, international and Japanese students in laboratory as well as in campus has greatly helped me in daily life activities, in addition to study and research.

My stay in Japan has remained pleasing. I am deeply grateful to UTokyo and ADB-JSP Scholarship Program for providing this opportunity.

Nazish Ullah (Pakistan)

Master Student, Kiyota lab (Geo-disaster Mitigation Engineering Lab)

Being a student in a prestigious institute like The University of Tokyo is the dream of most students worldwide. Luckily, I got the chance at The University of Tokyo to pursue my master's degree in civil engineering with the kind support of the ADB-JSP scholarship program. It opened doors for me to meet students from different countries and exemplary leaders, lecturers, mentors, and professors. Moreover, the intensive program developed my analytical thinking and research skills. This was one of the most enlightening and rewarding experiences that I ever had. Along with the research life, I experienced different cultures worldwide, making us look at life from diverse perceptions. I want to thank FSO, my host family, Kiyota lab, and ADB for making this journey wonderful and memorable.



Voices from International Students



Kedar Otta (India)

Doctoral Student, Oki lab (Global Hydrology & Water Resource Engineering Lab)

My first visit to the University of Tokyo was in June 2017, under the SAKURA science program. I enjoyed the Japanese culture, food, and of course, research during my short stay of about a week. I decided to join the university, applied, and got accepted for the JICA FRIENDSHIP scholarship and the university. I joined the Oki lab in September 2018 and got amazing faculty members, supportive fellow students and a lovely host family. My perspective of the research world broadened, with a wide range of research topics and faculty members to work with. We, the lab members, not just work together but also enjoy parties, food, field visits and short trips. This provides a close-knit lab environment for fostering mutual respect, collaborative research and more freedom of expression.

Japan is an extraordinary country. It is welcoming, technologically advanced, naturally beautiful and culturally rich. I'm grateful to IITH, JICA and U-Tokyo for providing me this breath-taking experience.

Md Robiul Islam (Bangladesh)

Master Student, Global Hydrology & Water Resource Engineering Lab

Being a graduate student in the University of Tokyo, more precisely in the civil engineering department, I always feel incredibly privileged since it has not only paved the way for my research career as well as pursuing my dream but also it has been an eye-opening for coping myself with diversified persons worldwide. Likewise, the unique culture of Japan and the numerous historical places along with landscape soothes my mind. I will always cherish my stay in Japan and will be grateful to my surrounding people.



Chandra Kiran Vinukonda (India)

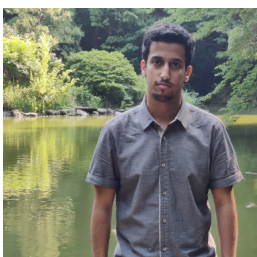
Masters Student, Concrete Lab

After my bachelor's, I was given an opportunity to study Civil engineering in Japan by JICA in 2018. I couldn't be more excited as I could get to study in a land which, with its technological advancements, could build not only tall skyscrapers but also underground train stations despite being a nation that is frequently hit by natural disasters. Furthermore, Japan is one of the leading contributors in research and technology in many civil engineering projects like the metro train system and Shinkansen in India and other Asian countries. Aside from academic advantage, the two-year study at the University of Tokyo has given me the best sensei as a guide to understanding the dynamics of research life, the best lab mates who help me professionally and have a fun time with, the best of friends who taught me so many things. The cultural exchange with students from all over the world who come here to fulfill their own goals, makes us look at life from a much larger, broader and better perspective. My life here is no less than that like an adventure in an anime, and I thank everyone who made it that way. In pursuit of many more, I wish to stay in Japan after my studies and continue to work here.

Kavalin Wangsiripaisai (Thailand)

Doctoral Student, Infrastructure Management Lab

Studying at the Civil Engineering Department, The University of Tokyo, for me, is like a dream. A dream to construct the strong foundation of my life. Professional in academics from this place, will create a high strength for us to build a high vision with service mind to contribute to the society in the future. With the natural environment, full capacity in academics such as support from all professors, FSO, host family, and lovely friendships during studying here will fruitful to develop our world better. Thank you, everyone. Thank you Todai to make the dreams come true.



Rakan Alghamdi (Saudi Arabia)

Masters Student, Concrete Lab

After getting a degree in civil engineering from Saudi Arabia, I have decided to continue my education further. because Japan has extraordinary institutions that offer civil engineering courses, I could not think of a better place to continue my education than Japan. Not only that, even the culture itself is unique and has room for creativity and productivity. All of these are reasons why I choose Japan and it is been my dream for a long time. Two of my advisors who have a huge impact on me had their Ph.D. from Japan and they strongly advised me to apply for The University of Tokyo. They told me all these wonderful things about the university's system and curriculum. I am very thankful that they advised me to do so and to have this privilege to be a student in this amazing university.

Support Systems for International Students

Our department has set up effective support systems to help students during their studies at *UTokyo*. The Foreign Student Office, Japanese Language Classes, tutors and host families all assist international students at various stages, both inside and outside the university.

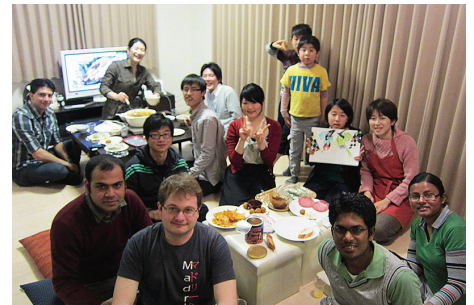
- **Foreign Student Office (FSO)**
provides support with administrative procedures and accommodation arrangements.
- **Japanese Language Classes (JLC)**
provide beginner's courses, run by professional instructors.
- **Tutors (senior graduate students)**
help you to start up your campus life.
- **Host Family Program**
gives you opportunities to gather with a Japanese host family to learn more about Japanese culture.



Civil Engineering Building



May Festival at Hongo Campus



Host Family Program



Field Trip



Field Trip



Welcome Party organized by ISACE (The International Students' Association in Civil Engineering)



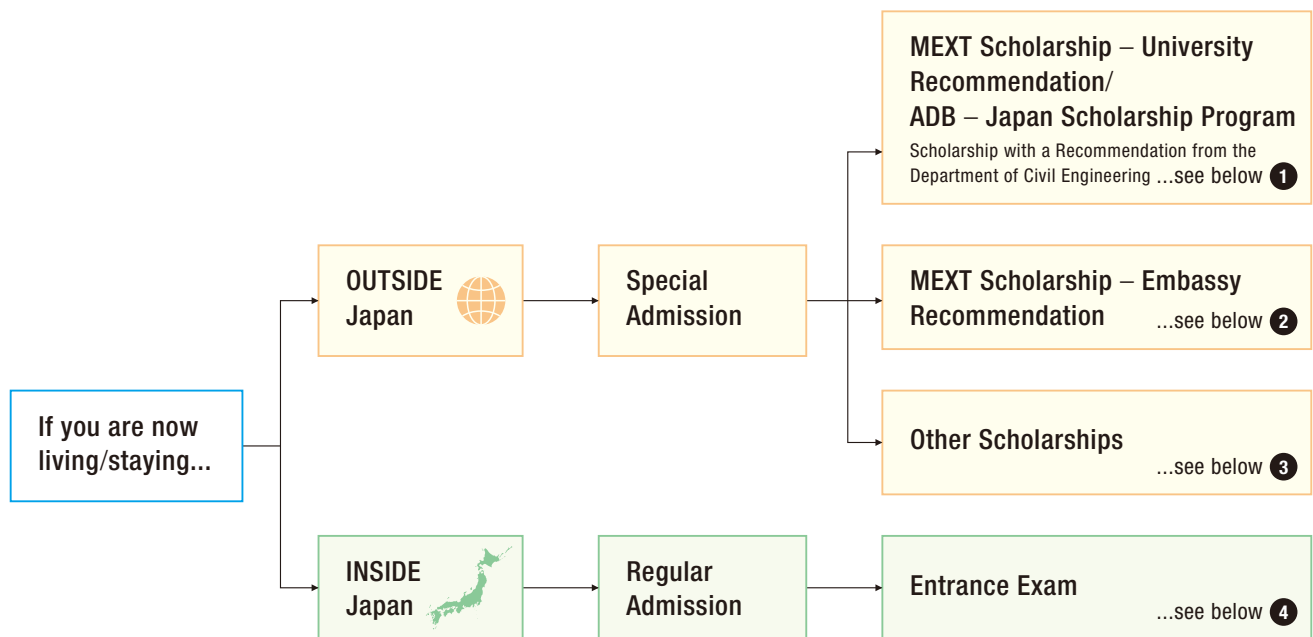
JLC - Excursion to Nezu Shrine



Outside Campus



Fireworks Event



① MEXT Scholarship – University Recommendation/ ADB – Japan Scholarship Program

Department of Civil Engineering will nominate qualified candidates and recommend them to partner scholarship organizations, as listed below. Approximately 30 places in total will be allocated every year.
Application due: The end of November for the following year's autumn intake

1. Ministry of Education, Culture, Science, Sports and Technology of Japan (MEXT)
http://www.u-tokyo.ac.jp/en/prospective-students/mext_scholarship.html
2. Asian Development Bank (ADB)
<http://www.adb.org/site/careers/japan-scholarship-program/main>

③ Other Scholarships

Department of Civil Engineering will also accept recipients of other scholarships, if you obtain proof of financial support deemed adequate/acceptable by our department.

② MEXT Scholarship – Embassy Recommendation

Department of Civil Engineering will accept the MEXT scholarship recipient(s). For this application procedure, please ask for details at the Embassy of Japan in your home country. The internal procedure for this scholarship is mentioned on the School of Engineering web-site: http://ois.t.u-tokyo.ac.jp/admission/embassy_R_eng.html

④ Entrance Exam

Those who are already living or staying in Japan are required to take an entrance examination. For further information on the entrance examination, please visit the website at http://www.t.u-tokyo.ac.jp/etpage/international_applicants/general.html or send e-mail to gs@civil.t.u-tokyo.ac.jp

Contact

For more information, visit our website at
<http://www.civil.t.u-tokyo.ac.jp/en/>
or contact us at the following address:
fso@civil.t.u-tokyo.ac.jp

Foreign Student Office (FSO)
Department of Civil Engineering
The University of Tokyo

7-3-1 Hongo, Bunkyo-ku, Tokyo 113-8656 Japan