

# Voices from International Students

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**Janak Prasad Kharel** (Nepal)

Master Student, Oguchi Lab (Traffic Engineering Lab)

I consider myself extremely fortunate to have been accepted as a graduate student at the Department of Civil Engineering, University of Tokyo, one of the world's best universities for research and innovation. I joined the Oguchi Lab at the Institute of Industrial Science in September 2020.

My research perspective has been greatly broadened, thanks to a diverse range of research topics and the guidance of faculty and lab members. The Japanese Language Class, host families, and interactions with alumni, among other things, have helped me learn more about Japanese culture, history, and current issues in Japanese society. This incredible expedition at the University of Tokyo, I believe, will not only pave the way for fruitful research, but will also broaden one's perspective on life and the universe. I am grateful to my supervisor, the department, and the ADB-JSP program for giving me this wonderful opportunity.

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**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.



**Zohaib Hassan** (Pakistan)

Master student, Kishi Sakai Lab

I love civil engineering and exploring new ideas in this field. I dreamed of studying in the world's top institutes, which became a reality when I got admitted to the Department of Civil Engineering, The University of Tokyo. Coming to Japan has further strengthened my understanding of working for sustainability, the same thinking I brought with me. I like the flexibility to adopt different courses offered by the department of civil engineering at the University of Tokyo. The research experience was incredible as I learned many skills to make eco-friendly construction a practical and economically viable option. The laboratory was excellent as I got to work on much-sophisticated equipment at the Institute of Industrial Science. I will never forget the fabulous time I had while studying. I enjoyed Japan's captivating nature, delicious meals, and moderate weather. I landed in the heart of mesmerizing fusion of modern and old Tokyo. I am privileged to see the fascinating Japanese culture with its cutting-edge development. My decision of opting for Japan as my study abroad destination and primarily choosing the University of Tokyo has proven worthy in terms of versatile exposure and life-changing experience.

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**Zainab Farooq** (Pakistan)

Master student, Bridge and Wind Engineering Lab

I feel very fortunate and blessed for being given the chance to pursue Masters in Civil Engineering at the Bridge and Wind Engineering Lab in The University of Tokyo under the MEXT Scholarship program. I can vividly remember the day when I received my admission offer from The University of Tokyo, and how it filled me with joy and gratitude. Although the ride to Japan was a bit bumpy due to COVID-19 related restrictions, but I eventually landed in Japan, and was instantaneously spellbound by the quality of infrastructure, discipline & kindness of people, and a very welcoming behavior towards foreigners. I've been enjoying my studies and life in Japan ever since, and I'm sure that I am making lifelong memories here along with unlocking unparalleled horizons for my research and professional endeavors. I aspire to make the most of my stay in Japan in terms of my research, exploring Japanese culture, travel and social life.



2023 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	<a href="#">Prof. Eiji Hato</a>	Urban planning and transportation engineering	
	<a href="#">Prof. Takamasa Iryo (PSR)</a>	Network traffic studies	
	<a href="#">Prof. Takashi Oguchi (IIS)</a>	Traffic management and control, Traffic flow analysis, Road geometric design, Mobility innovation	
	<a href="#">Assoc. Prof. Shoichi Suzuki (IIS)</a>	Transport policy	
	<a href="#">Proj. Assoc. Prof. Takahiko Kusakabe</a>	Data-driven travel behavior analysis, Information engineering for transportation systems	
	<a href="#">Assis. Prof. Junji Urata</a>	Computational Transportation Engineering, Evacuation, Social Interaction Behavior	
Spatial information	<a href="#">Prof. Takashi Fuse</a>	Spatial information engineering, Regional dynamics analysis, Integration of measurement and simulation, Photogrammetry, Image processing, 3D visualization	
	<a href="#">Prof. Wataru Takeuchi (IIS)</a>	Remote sensing of environment and disaster, Interaction between terrestrial ecosystem and human society	
	<a href="#">Prof. Tsuyoshi Ichimura (ERI)</a>	Urban and social simulation, Computational science, Computational earthquake engineering/seismology, Convergence of artificial intelligence and physics-based simulation	
	<a href="#">Assoc. Prof. Lalith Wijerathne (ERI)</a>	Computational earthquake engineering, Large-scale simulations of 3D crack propagation, Disaster related urban and economic simulations	
	<a href="#">Assoc. Prof. Kohei Fujita (ERI)</a>	Large-scale earthquake simulation using Fugaku, Computer science algorithm development for utilizing advanced computer architectures	
Infrastructure development and management	<a href="#">Prof. Yoshihide Sekimoto (CSIS)</a>	Large-scale people flow simulation, Development of three-dimensional urban digital twin, Real-time urban monitoring, Computational socio-informatics	
	<a href="#">Prof. Masahide Horita</a>	Infrastructure systems management, Collective decision-making theory, Public procurement, Project delivery systems design	
	<a href="#">Project Assoc. Prof. Pang-jo Chun (DFL)</a>	ICT/AI for Infrastructure maintenance, BIM/CIM, i-Construction system studies	
	<a href="#">Assist. Prof. Yu Maemura (GSFS)</a>	Conflict and negotiation, development aid policy and practice, project evaluation, intercultural communication	
	<a href="#">Proj. Prof. Kazumasa Ozawa (DFL)</a>	Construction project management, i-Construction system studies, Public procurement system	
Design and landscape	<a href="#">Proj. Prof. Muneo Hori (DFL)</a>	Computational earthquake engineering, i-Construction system studies, Applied mechanics	
	<a href="#">Prof. Yu Nakai</a>	Civic design, Landscape design, Civil engineering history	
	<a href="#">Prof. Taikan Oki</a>	Human Geoscience, Water/Climate Change and Sustainable Development, Risk Management on Global Environmental Changes	
	<a href="#">Prof. Yoshimitsu Tajima</a>	Coastal hydrodynamics, Coastal protections and beach topography changes, Mitigations and management of flood disaster	
Hydrosphere and environment	<a href="#">Prof. Fuminori Kato (PSR)</a>	Coastal disaster and erosion management, Coastal structures	
	<a href="#">Prof. Naota Hanasaki (PSR)</a>	Global hydrological modeling incorporating human activities, Climate change impact assessment on water sectors	
	<a href="#">Prof. Kei Yoshimura (IIS)</a>	Isotope meteorology, Land surface processes, Dynamical downscaling, Earth system model development, Civilization and climate change	
	<a href="#">Assoc. Prof. Takenori Shimozone</a>	Coastal hydrodynamics, morpho-dynamics and disaster prevention	
	<a href="#">Assoc. Prof. Dai Yamazaki (IIS)</a>	Hydrology, Global hydrodynamics, Modelling and remote sensing of surface waters, Hydro-topography analysis	
	<a href="#">Assoc. Prof. Yohei Sawada (IEI)</a>	Hydrometeorological disaster prediction, Simulation-observation integration	
	<a href="#">Proj. Prof. Kazuo Oki (IIS)</a>	Global monitoring for ecology and environment, River basin management with RS and GIS	
	<a href="#">Prof. Akiyuki Kawasaki (IFI)</a>	Water disaster and poverty reduction, Water resources management, Global commons stewardship	
	<a href="#">Proj. Prof. Masashi Kiguchi (IFI)</a>	Monsoon variation climatology, Hydrology and climate change, Rainfall phenomena in monsoon Asia	
	<a href="#">Proj. Assoc. Prof. Takao Yoshikane (IIS)</a>	Regional Earth System Modelling, Local-scale weather prediction using AI	
	<a href="#">Project Assist. Prof. Tomoko Nitta (IIS)</a>	Integrated land modeling, Terrestrial hydrological cycles in cold regions, Land-atmosphere coupling	
	Infrastructure technology and design (A)	<a href="#">Prof. Reiko Kuwano (IIS)</a>	Laboratory soil test, Long-term behavior of buried/earth structure, Ground cave-in, Internal erosion
		<a href="#">Assoc. Prof. Kenji Watanabe</a>	Seismic stability of earth structure, Liquefaction, Scour and erosion, Geosynthetics reinforced -soil structure, slope stability, compaction
<a href="#">Assoc. Prof. Takashi Kiyota (IIS)</a>		Geo-disaster mitigation engineering, Field damage survey, Liquefaction assessment, Landslide	
<a href="#">Assist. Prof. Hirovuki Kvakawa</a>		Constitutive modeling of geomaterials, Multiphysics theory of geomaterials	
Infrastructure technology and design (B)	<a href="#">Prof. Takeshi Ishihara</a>	Wind engineering, Wind energy, Typhoon disaster mitigation, Computational fluid dynamics, Structural dynamics	
	<a href="#">Prof. Tetsuya Ishida</a>	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	
	<a href="#">Prof. Tomonori Nagayama</a>	Bridge engineering, Structural control and monitoring, Integration of structural and vehicular dynamic models and observation, Structural load	
	<a href="#">Prof. Toshiharu Kishi (IIS)</a>	Material science of concrete, Durability of RC structures, Self-healing concrete, Fresh property, Rheology	
	<a href="#">Assoc. Prof. Yuya Takahashi</a>	Durability mechanics of reinforced concrete structure, Fatigue, Combined Deterioration, Maintenance Management of Load Structures, New Structure with Concrete	
	<a href="#">Assoc. Prof. Kohei Nagai (IIS)</a>	Concrete engineering, Meso-scale analysis, Fiber, Reinforced cementitious composite, Anchorage performance of RC, Infrastructure management	
	<a href="#">Assoc. Prof. Tsukasa Mizutani (IIS)</a>	3D Internal Visualization Technology of Infrastructure, Vibration, Monitoring, Digital Signal Processing, Ground Penetrating Radar, Laser, Electromagnetic Measurement, Next-Generation-Cyber-Infrastructure	
	<a href="#">Assoc. Prof. Yuya Sakai (IIS)</a>	Construction materials engineering, Recycling, Nondestructive testing, Mass transfer in concrete, Highspeed impact test	
	<a href="#">Proj. Assoc. Prof. Di Su</a>	Structural simulation, Dynamics of bridge structures, Structural health monitoring	
	<a href="#">Project Assist. Prof. Go Igarashi (UCRL)</a>	Numerical simulation on structural performance of new cementitious materials and structure, Long-term durability of construction materials	
	<a href="#">Project Assist. Prof. Yuka Kikuchi (UCRL)</a>	Wind engineering and structure dynamic analysis, Anomaly detection of wind turbine, Assessment of wind energy cost	
International project	<a href="#">Prof. Hironori Kato</a>	International transportation studies, Transportation planning, Transportation policy, Transportation economics, Transportation finance	
	<a href="#">Prof. Daisuke Fukuda</a>	Planning theory for smart city/mobility, International standardization of smart city/mobility, Evaluation of transportation network reliability, Data engineering for urban redesign	
	<a href="#">Assoc. Prof. Shunsaku Komatsuzaki</a>	Public policy studies, Institutional studies on infrastructure development, Social innovation, Case study of international project	
	<a href="#">Assist. Prof. So Morikawa</a>	Public administration, Public policy, Participatory and anticipatory governance	
	<a href="#">Prof. Riki Honda (GSFS)</a>	Social resilience, Social network, Earthquake engineering, Technology transfer, Sustainable management engineering	
	Adjunct members: <a href="#">Prof. Taikan Oki</a> , <a href="#">Prof. Kimiro Meguro</a> , <a href="#">Prof. Wataru Takeuchi</a>		
Earthquake and disaster mitigation engineering	<a href="#">Prof. Kimiro Meguro (IIS/III)</a>	Comprehensive disaster management strategy, Structural and non-structural countermeasures for disaster reduction, International cooperation for disaster reduction	
	<a href="#">Assoc. Prof. Muneyoshi Numada (IIS/III)</a>	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, (PSR) Research Unit of Visiting Professor for Specific Research  
 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.