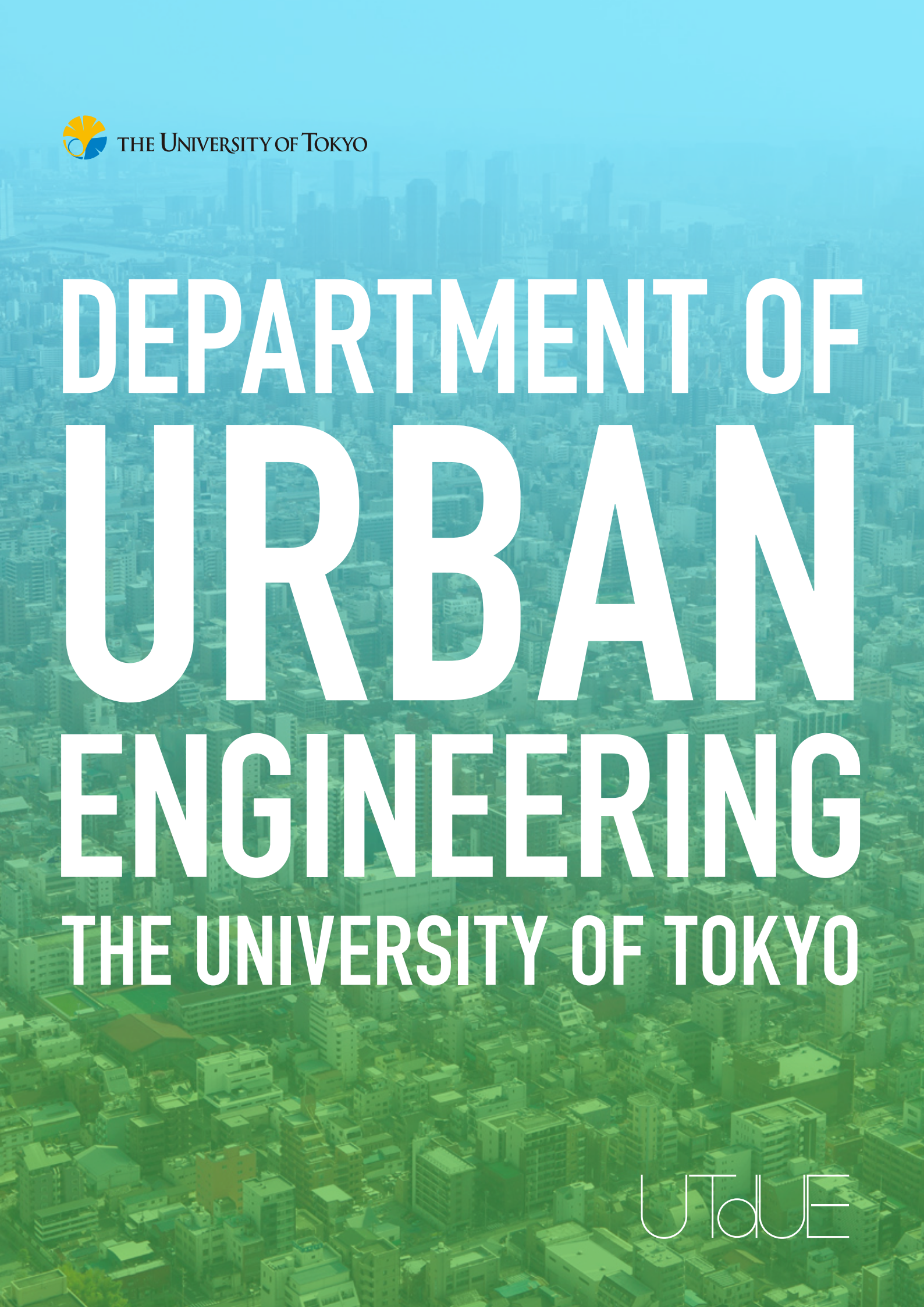
THE UNIVERSITY OF TOKYO

DEPARTMENT OF URBAN ENGINEERING

THE UNIVERSITY OF TOKYO



UTdUE

Outline of The Department

UTdUE
Department of Urban Engineering, The University of Tokyo

Message from Department Head

With rapid population growth and industrialization all over the world, more than a half of the people live in cities. From inadequate infrastructure to the inequality of local living standards, various kinds of urban problems have been manifest, which would require complicated and delicate solutions that can be designed only by experts with wide scoping and deep thinking. The Department provides knowledge grounds to learn various range of urban and environmental issues and to find solutions based upon our distinguished experience of professional education for five decades. The Department sincerely welcomes all the students who are intrigued by urban and environmental issues and eager to learn theories and applications of urban engineering with us.

Professor Hideki Koizumi, Department Head

Brief History

The Department of Urban Engineering was established in 1962, and the Graduate School Programs started in 1966. Around 120 undergraduate students and 170 graduate students, including 50 foreign students, are currently enrolled.

Mission

Our mission is to provide students a profound basis to become experts in urban planning, design, and management. To fulfill a wide range of knowledge and skills required to become a specialist in the field, the department offers Urban Planning Course and Urban Environmental Engineering Course, both placing a strong emphasis on studio and/or experimental works in association with group discussions.
http://www.due.t.u-tokyo.ac.jp/english/edu/

Research

Research topics at the Urban Planning Course include urban land use planning, urban design, housing and urban analysis, urban information and safety, international development and regional planning, urban transportation, collaborative community design, environmental planning and design, spatial planning and design, social safety system. The Urban Environmental Engineering Course focuses on the research in environmental risk management and quality control technology, water environment technologies, urban water systems, regional circulating and ecological system, urban sustainability science, social ecological system, environmental public health engineering, and sewerage system innovation.
http://www.due.t.u-tokyo.ac.jp/english/lab/

Campus Life in Tokyo






Admission Information

Regular Admission
See the school's webpage below for regular admission to enroll as Master's and Doctoral Student:
http://www.t.u-tokyo.ac.jp/soee/admission/general.html

International Admission
See the school's webpage below for international admission to enroll as Master's and Doctoral Student:
http://www.t.u-tokyo.ac.jp/soee/admission/special.html
Information on **Special Graduate Program for International Students in Urban and Environmental Studies (UBE-UPN/ENV)** is available on our web page:
http://www.due.t.u-tokyo.ac.jp/english/admission/

Research Students and Student Exchange
See the school's Office of International Students (OIS) webpage for the non-degree program:
http://ois.t.u-tokyo.ac.jp/admission/index.html

See the school's Office of International Cooperation and Exchange webpage for student exchange:
http://www.oice.t.u-tokyo.ac.jp/exchange/index.html

Scholarships

The Graduate School of Engineering at the University of Tokyo provides financial assistance to students.

-University of Tokyo Fellowship; The University of Tokyo Special Scholarship for International Students
-SEUT Grant for International Students sponsored by the Graduate School of Engineering, the University of Tokyo
-Private Organizations' Scholarships recommended through the Graduate School of Engineering
-Asian Development Bank (ADB) -Japan Scholarship with a recommendation from the Department of Urban Engineering
-JICA 'Innovative Asia' / Scholarship to Japan

Please see below for more detailed information, including scholarships students can directly apply:
https://t-cens.t.u-tokyo.ac.jp/guidance_information/?id=overview

Accommodations

The University of Tokyo offers accommodations for international students and researchers as part of our efforts to promote international exchange in the education and research fields.

Two types of accommodation are available for international researchers and students at the University: residences operated by the University, and apartments and flats rented by private businesses.

Residences operated by the University are available at lower prices than private accommodations, and are furnished with basic appliances students need upon arrival. Each residence aims to promote international exchange and engages in activities to encourage communication among residents.

Private accommodation, on the other hand, enables you to secure housing at locations close to your campus that are convenient for shopping and amenities. The costs of renting privately, however, are higher than the costs of renting from the University.


Faculty Members

UTdUE
Department of Urban Engineering, The University of Tokyo

FUJITA Tsuyoshi

Professor, Dr.Eng.

Eco City Planning, Urban Industrial Symbiosis, SDGs City

FUKUSHI Kensuke

Professor, Ph.D.

Hazardous Material Management, Risk Management, Regional Water Environment Management

HASHIMOTO Takashi

Associate Professor, Ph.D.

Water Purification Technology, Water System in Developing Countries

HAYASHI Toru

Assistant Professor, Ph.D.

Environmental Policy, Environmental Systems, Urban Industrial Systems

KASUGA Ikuro

Associate Professor, Ph.D.

Environmental Microbiology, Biological Water/Wastewater Treatment

KATAYAMA Hiroyuki

Professor, Ph.D.

Water Quality Public Health, Waterworks Engineering, Environmental Microbiology

KATO Hiroyuki

Project Associate Professor, Dr. Environmental Science.

Waste Water Treatment Technologies, Water Policy, PPP/PFI

KAZAMA Shinobu

Associate Professor, Ph.D.

Environmental Virology, Environmental and Sanitary Engineering, Water Environment

KURISU Futoshi

Professor, Ph.D.

Microbial Ecology and Water Engineering, Groundwater/Soil Bioremediation, Environmental Chemical Analysis

KURISU Kiyo

Associate Professor, Ph.D.

Pro-environmental Behavior, Environmental System Evaluation, Low Carbon Society, Waste Management

NAKAJIMA Fumiyuki

Professor, Ph.D.

Ecotoxicology, Urban Drainage, Water Quality Control

NAKATANI Jun

Associate Professor, Ph.D.

Life cycle assessment, Material flow analysis, Resource circulation

OGUMA Kumiko

Associate Professor, Ph.D.

Water Treatment Technologies, Water Supply Systems, Environmental Microbiology

ONUKI Motoharu

Associate Professor, Ph.D.

Environment and Sustainability, Disaster and Sustainability, Sustainability Education

SATOH Hiroyasu

Professor, Ph.D.

Environmental Microbiology, Biological Wastewater Treatment

SAWANGJANG Benyapa

Project Assistant Professor, Ph.D.

Water supply system, Groundwater management, Environmental Engineering

SYUTSUBO Kazuaki

Professor, D. Eng.

Appropriate Wastewater Treatment, Anaerobic Digestion, Technology Evaluation and Implementation

TAKIZAWA Satoshi

Professor, D. Eng.

Urban Water Systems, Water Treatment Technologies, Urban Water Management

TOBINO Tomohiro

Associate Professor, Ph.D.

Environmental Microbiotechnology, Biological Wastewater Treatment, Microbial Community Analysis

TORII Shotaro

Assistant Professor, Ph.D.

Environmental Virology, Water Treatment, Disinfection

Urban Environmental Engineering Course

ASAMI Yasushi

Professor, Ph. D.

Housing Policy, Residential Environment Habitation System, Spatial Information Analysis

AOKI Kimitaka

Project Assistant Professor Ph.D

Urban Design, Architectural Design, Area Management

BESSHO Akane

Assistant Professor, Ph.D.

Urban Agriculture, Disability Inclusion, Migrant Inclusion

DEGUCHI Atsushi

Professor, D. Eng.

Urban Design, Urban Redevelopment, Compact City, Area Management

HINO Kimihiro

Associate Professor, Ph.D.

CPTED, Walkability, Healthy Planning, Urban Well-being

HIROI U

Professor, Ph.D.

Disaster Risk Reduction Risk Engineering

KATO Takaaki

Professor and Project Professor, D. Eng.

Planning and Engineering for Social Safety System, Community-based Planning for Disaster Mitigation

KOIZUMI Hideki

Department Head Professor, Ph.D.

Collaborative and Communicative Planning, Community Design, Development and Management

MANABE Rikutaro

Associate Professor, Ph.D.

Information in City Planning

MURAYAMA Akito

Associate Professor, Ph.D

Planning, Community Development, Planning Methodology

NAGANO Masayoshi

Assistant Professor, M. Eng.

Urban Design, Spatial Design, Architectural Design

NAKAJIMA Naoto

Associate Professor, Ph.D.

Urban Design, Theory of Urbanism, Planning History

NITANAI Ryoichi

Assistant Professor , Ph.D

Urban planning, Place-shaping for ageing society, Community strategy

SADAHIRO Yukio

Professor, Ph.D.

Geographical Information Systems, Spatial Analysis

SETA Fumihiko

Associate Professor, Ph.D.

National and Urban Planning, Regional Development, Global Cities

SHIN Yuta

Project Assistant Professor, M.F.A.

Architectural Design Rural Community and Planning

TAKAMI Kiyoshi

Associate Professor, Ph.D.

Urban Transportation Planning, Integrated Planning of Transport and Land Use

TRONCOSO PARADY Giancarlos

Lecturer, Ph.D.

Transportation Planning, Travel Behavior Analysis, Social Networks

USUI Hiroyuki

Assistant Professor, Ph.D.

Urban Analysis, Geographical Information Science, Residential Environment

YOKOHARI Makoto

Professor, Ph.D.

Landscape and Environmental Planning

Urban Planning Course

Voices of International Students

Christopher Sean Gandy
Collaborative Community Design Laboratory

Immediately upon entry, one is able to fully spread their wings and begin pursuing their individual interests regarding the vast field of planning. While many graduate programs place more emphasis on pre-determined coursework, here one will find a more liberal approach emphasizing the methodological analysis of one's own original thinking and consequential data collection towards the production of a powerful thesis. Moreover, one is free to join a multitude of practical projects spanning the globe that are being tackled by each laboratory. If you are driven, independent, and desire growth please consider applying. Looking forward to hopefully learning with you!

Yinglei Wu
Urban Sustainability Science Laboratory

I joined the Department of Urban Engineering as a master student, and continued the doctoral program here. You can enjoy many interesting lectures here in English, including the fields of water system, urban planning, risk management and so forth. You can also make friends from all over the world and improve Japanese skills at the Japanese language classroom in our department. Besides, here is absolutely a great place to pursue the research that you are interested in. In addition to you supervisors, professors in other laboratories are also kind and supportive to give you valuable suggestions on your research. Warmly welcome to students who are curious to the urban issues, and desire to grow in our department.

Thi My Hanh Vu
Water Environment Technology Laboratory

International students will feel welcome here. I was anxious when studying overseas for the first time but then had enthusiastic support from instructors and other students. The Department of Urban Engineering is the ideal place for overseas students who wish to pursue urban planning and environmental engineering because it offers top-notch instruction in the subjects. The department is composed of respected professionals in the field and has a good reputation for generating brilliant engineers. Students are constantly encouraged to raise questions and express their thoughts. I'm impressed with the Japanese academic working style, well-organized and meticulous. The laboratory is advanced equipped, making it practical for research and study. All these make me feel motivated day by day.

Voices of International Alumni/ae

Arindam Biswas
Indian Institute of Technology Roorkee

Presently, I am working as Associate Professor at the Department of Architecture & Planning, IIT Roorkee, India. My research areas include urban planning, housing, institution and governance, inclusion and informality, regional science, economic growth & urbanization, and resilience. My present journey as an academician stared at DUE. I have learnt research acumen, perseverance, dedication and determination for innovative research. I cherish my moments of intense discussions with Sensei(s) and the academic debates during the lab meetings. DUE is one of the finest place to learn about urban issues. Come and fall in love with research at DUE, and enter into a life-long academic and professional network.

Emrah Engindeniz
United Nations Human Settlements Programme

I have been working for UN-Habitat since October 2011, initially for Somalia Programme on local governance programme and currently for a global flagship programme on participatory slum upgrading. I am based in Nairobi at UN-Habitat global Headquarter.I think in DUE, at Housing and Urban Analysis Lab., was one of the best learning venues I have ever been. Particularly the lab's weekly meetings were invaluable to my learning and knowledge. I think you should expect that this is a great opportunity tobe exposed to wide range of cutting edge researches, topnotch professors to learn from, and importantly amazing city, people and culture to live with.

Joong-Eun Kim
Korea Research Institute for Human Settlements

I am currently working at Korea Research Institute for Human Settlements (KRIHS) belonging to the Office for Government Policy Coordination, Prime Minister's Secretariat. At DUE, I studied the change of physical and demographic characteristics of new town residents from the initial stage of new town development to the present through the case of Japan. DUE have excellent faculty, laboratories and curriculum to enable you to walk beyond familiar grounds so you can discover new perspectives and become more creative to prepare for the new era. You can also get a chance to enhance your social and cultural experiences in Tokyo as well as academic achievement.

Ronita Bardhan
University of Cambridge

I am Associate Professor of Sustainable Built Environment at University of Cambridge, UK, working on data-driven sustainable design of built environments to decouple health stress and energy burdens from poverty. I started my research endevour at University of Tokyo, Department of Urban Engineering (DUE), where I pursued PhD in environmental systems engineering. DUE is uniquely placed to encourage and enable high quality innovative research. Its diverse and inclusive research environment, structured curriculum with regular feedback, and rigorous peer review system provides equal opportunity for researchers to immerse in the rich culture of knowledge exchange. The DUE professors are exceptional in their fields, providing the kind of constructive criticism and enthusiastic encouragement that can help steer early-career researchers into an impactful research pathway. Because of DUE, I have made friends for life and built an incredible network of research partners. In conclusion, DUE is the place to be if you want to advance your career and make a difference through your research

Habuer
Kyoto University

I am currently working for Environment Preservation Research Center, Kyoto University. During my doctoral studies in Urban Environmental Engineering, I learnt a lot. For example, I learnt advanced analytical skills of environmental assessment field, and got ability with logical thinking. There are many international students in the department such as Chinese, Korean, Indian, Bengalese, and American and so on. You are able to become friends through cross-cultural communication. Also, many kind Japanese students are able to guide you to deeply understand Japanese culture such as Sushi, Kabuki, Shrine, Sake and whatever you want to know!

G.G. Tushara Chaminda
University of Ruhuna, Sri Lanka

I'm currently working as a Professor at the Faculty of Engineering, University of Ruhuna, Sri Lanka. I got my Ph.D. from Department of Urban Engineering in year 2008. Study in the Department of Urban Engineering, one will always get chance to enhance their network, friendship, professional relationship that will become a very valuable asset for their future carrier. If you are a person who wants to take challenge in a multicultural and international academic environment and want to see your next level of achievements, then the Department of Urban Engineering is the place for you.

Department of Urban Engineering Projects in the World

USA

Virological safety issues in portable water reuse.
Photo of RO membrane at water reclamation facility in Orange County, California

Bangladesh

Role of NGOs in public and private land development: The case of Dhaka city

Palau

Sustainability assessment of the dietary life in island communities

Japan

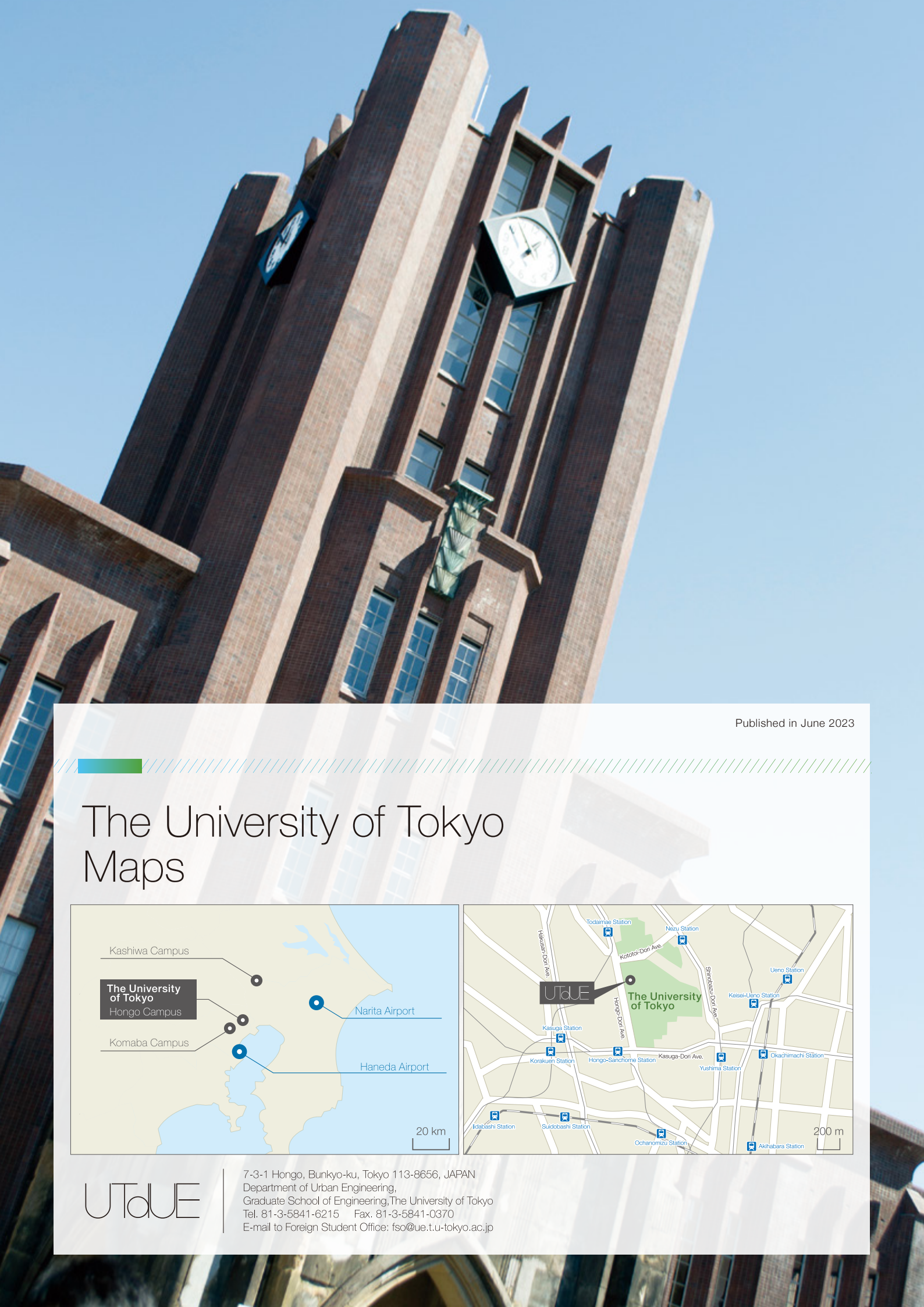
Strategic planning research for a local energy system in Fukushima municipalities to recover from the Great East Japan Earthquake

USA

Urban systems design research and studio with Georgia Institute of Technology and other institutions.

Philippines

Development of community-based water supply systems for remote islands in the Philippines



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The University of Tokyo Maps

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