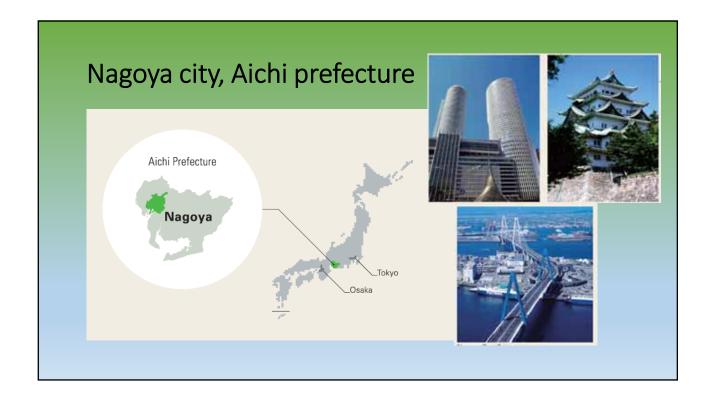


Nagoya University

- Established in 1871 (Since 1939 Nagoya Imperial University, Since 1947 Nagoya University)
- ☐ Over 16,000 students including **2,100 international students** (in 2015)
- 14 Graduate schools, 22 Research Institutes
- ☐ 6 Nobel laureates in Physics and Chemistry since 2001
- ☐ Ranked **27th in Asia**, 6th in Japan (QS 2018)

G Nobel laureates from Nagoya University □ Dr. Isamu Akasaki (in Physics, 2014) □ Dr. Hiroshi Amano (in Physics, 2014) □ Dr. Toshihide Maskawa (in Physics, 2008) □ Dr. Makoto Kobayashi (in Physics, 2008) □ Dr. Osamu Shimomura (in Chemistry, 2008) □ Dr. Ryoji Noyori (in Chemistry, 2001)



Nagoya University Global 30 International Programs

- **□**English-based
- **□**Enrollment period: October
- ■No need to go to Japan to take the entrance examination
- **□**Online Application
- □ Document screening—Interview (by Skype, TV conference system etc.)
- ☐ Website: http://admissions.g30.nagoya-u.ac.jp/en/



Engineering Programs in Global 30 International Programs

Program	Focus of Study	Scholarship, Tuition Fee
Automotive Engineering (Master's Degree)	Mechanical and Electrical related to Automobiles	Non Scholarship Tuition Fee: JPY 535,800 / Year (Approximately USD 5,000) Registration Fee*: JPY 282,000 (Approximately USD 2,600) *One-time payment in the first year only
Chemistry (Master's & Doctoral Degree)	All Areas of Pure and Applied Chemistry To Foster the Development of Global Leaders in Molecular Functional Material Science	
Civil and Environmental Engineering (Master's & Doctoral Degree)	Structural and Material Engineering Hydraulic Engineering Geotechnical Engineering Transportation Planning Infrastructure and Environmental Planning Environmental and Safety Engineering	Japanese Government Scholarship Program



Civil and Environmental Engineering Graduate Program (Master's Program, Doctoral Program)

Scholarship Benefits

□Monthly Allowance

JPY 144,000 (for master's students), 145,000 (for doctoral students) per month (Approximately USD 1,250)

□Travel Expenses

Air tickets to Japan and from Japan (after the expiration of the scholarship)

□School Fees

The Grantee will be exempted from paying the university registration and tuition fees

Civil and Environmental Engineering Graduate Program (Master's Program, Doctoral Program)

□ Japanese Government Scholarship Program

("The Forefront Studies Program on Civil and Environmental Engineering towards Co-development of Asia and Japan")

- ☐ Research fields of the professors in this program
 - Infrastructure and Environmental Planning
 - Geotechnical Engineering
 - Structural Engineering, Materials and Informatics
 - Transportation Engineering and Planning
 - · Coastal and Ocean Engineering
 - Sustainable Transport and Spatial Development
 - Hydraulics and Hydrology
 - Environmental Engineering
- **■Number of Places: 5 DC students and 3 MC students**
- □ Application Period: December 28, 2017 January 31, 2018
- □ Pre-application inquiry regarding research projects to potential supervisors
- ■Website: http://www.civil.nagoya-u.ac.jp/ceeipo/admission2018.html

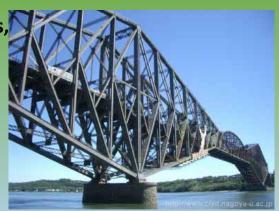


Forefront Studies Program on Civil and Environmental Engineering for Sustainable Co-Development □ Japanese Government Scholarship **Program** FOREFRON ■Started in 1987 MARKAL STRENITS ☐ This program is aiming to develop international civil engineers who have advanced expertise, ability to make comprehensive judgement and deployment capabilities for sustainable codevelopment of Japan and foreign countries in civil engineering field. Alumnus: Prof. Hazarika (Kyushu University, Japan)

Structural Engineering, Materials, and Informatics ①

Structural Engineering and Materials Laboratory (Kitane & Hirohata Lab.)

Load-carrying capacity, seismic performance and long-term durability of steel bridge structures are evaluated by experimental and analytical approaches. Applicability of innovative materials like as FRP on bridge structures are investigated. Repair, reinforcement and maintenance of steel structures by thermal technologies are proposed.



Faculty

KITANE, Yasuo Associate Professor ykitane@civil.nagoya-u.ac.jp
HIROHATA, Mikihito Associate Professor hirohata@civil.nagoya-u.ac.jp

http://www.struct.civil.nagoya-u.ac.jp/index_English.html

Structural Engineering, Materials, and Informatics 2

Steel Structures and Bridge Engineering Laboratory (Tateishi & Hanji Lab.)

Our laboratory is trying to clarify the deterioration mechanism of steel structure and to develop prediction method for its service life. In addition, we propose advanced repair technique for steel structures making use of our professional knowledge. We also enhance the knowledge about bridge engineering by on-site bridge observation.



Faculty

TATEISHI, Kazuo Professor tateishi@civil.nagoya-u.ac.jp HANJI, Takeshi Associate Professor hanji@civil.nagoya-u.ac.jp http://skyarch2.wix.com/nagoya-u#!home/dei6t

Structural Engineering, Materials, and Informatics 3

Concrete Structures and Materials Laboratory

(Nakamura HK & Yamamoto Y Lab.)

Concrete laboratory is trying to construct high quality concrete structures from material, design and maintenance sides. The study area expand to structural analysis, seismic design, performance evaluation of existing structures, fire resistance, impact loading, time-dependent behavior, rebar corrosion, chemical degradation, non-destructive inspection, etc. Teacher and students discuss not only about researches but also the daily life.



Faculty

NAKAMURA, Hikaru Professor hikaru@nagoya-u.jp

YAMAMOTO, Yoshihito Associate Professor y.yamamoto@civil.nagoya-u.ac.jp

http://concrete-lab.civil.nagoya-u.ac.jp/homepage/j/en/index.html

Hydraulics, Hydrogy, Coastal, and Ocean Engineering ①

Coastal and Ocean Engineering Laboratory

(Mizutani & Nakamura T Lab.)

The Coastal and Ocean Engineering Laboratory aims to create safe and secure coastal areas against high waves, storm surges, and tsunamis. The laboratory has conducted large-scale hydraulic experiments, numerical simulations, and field observations with latest measurement equipment for various researches on coastal structures, coastal erosion, and wave energy converters.



Faculty

MIZUTANI, Norimi Professor mizutani@civil.nagoya-u.ac.jp
NAKAMURA, Tomoaki Associate Professor tnakamura@civil.nagoya-u.ac.jp

http://www.coast.civil.nagoya-u.ac.jp/wiki.cgi?page=EnglishFrontpage

Hydraulics, Hydrogy, Coastal, and Ocean Engineering 2

Hydraulic Engineering/ River Basin Management Laboratory (Toda & Tsubaki Lab.)

We focus on river flow and environment, particularly researching on phenomena in the river channel and rain water movement process of the mountainous district that is a production field of water.



Faculty

TODA, Yuji Professor ytoda@cc.nagoya-u.ac.jp TSUBAKI, Ryota Associate Professor rtsubaki@civil.nagoya-u.ac.jp http://hydenvgw.civil.nagoya-u.ac.jp/english/index.html

Geotechnical Engineering ①

Geotechnical Engineering Laboratory (Nakano & Yamada Lab.)

Geomaterial is various kinds of soil materials as clay, sand and rock. The Geotechnical Engineering Laboratory aims to grasp various soil properties and to create new soil materials for constructing geostructures which can withstand any external forces caused by earthquake or heavy rain.



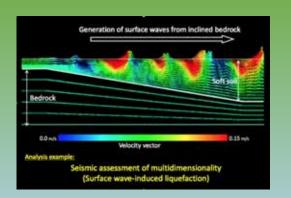
Faculty

NAKANO, Masaki Professor nakano@civil.nagoya-u.ac.jp
YAMADA, Shotaro Associate Professor s-yamada@civil.nagoya-u.ac.jp
http://www.civil.nagoya-u.ac.jp/ceeipo/research_lab/nakano_yamada-lab.html

Geotechnical Engineering 2

Geo-Disaster Prevention Engineering Laboratory (Noda & Nakai Lab.)

Geo-Disaster Prevention Engineering Laboratory aims to clarify the failure mechanism of ground and to develop the principle of ground improvement in order to protect human lives and infrastructures from natural disasters such as earthquake, flood, heavy rain, and so on.



Faculty

NODA, Toshihiro Professor noda@civil.nagoya-u.ac.jp NAKAI, Kentaro Associate Professor nakai@civil.nagoya-u.ac.jp http://www.civil.nagoya-u.ac.jp/ceeipo/research_lab/noda_nakai-lab.html

Transportation, Infrastructure and Environmental Planning ①

Transportation Planning Laboratory (Morikawa*(E) & Yamamoto T & Miwa Lab.)

Major interests of our laboratory include modeling individual choice behavior, evaluation of evolving transportation policies, next-generation mobility utilizing ITS, methods for creating eco-city, and study on household vehicle ownership and use.



Faculty

MORIKAWA, Takayuki Professor morikawa@nagoya-u.jp
YAMAMOTO, Toshiyuki Professor yamamoto@civil.nagoya-u.ac.jp
MIWA, Tomio Associate Professor miwa@nagoya-u.jp

http://www.trans.civil.nagoya-u.ac.jp/english/index.html

Transportation, Infrastructure and Environmental Planning ②

Traffic Engineering Laboratory (Nakamura HD* (E) Lab.)

We deal with complex transportation phenomena for a safe, comfortable and sustainable society. Emphasis is laid on the efficient use of existing transportation infrastructure addressing user needs adequately. Our research field range from highway planning and geometric design to traffic management, as well as fundamental driver behavior analysis and theoretical modeling with practical applications.



Faculty

NAKAMURA, Hideki Professor nakamura@genv.nagoya-u.ac.jp http://www.genv.nagoya-u.ac.jp/ge1/nakamura/index-en.html

Transportation, Infrastructure and Environmental Planning 3

Sustainable and Resilient Regional Planning Laboratory (Kato* (E) Lab.)

Our scope is to construct low-carbon urban and local area supplying high quality of life.

As the methodologies, we establish quantification and assessment tools of environmental loads, maintenance cost, and quality of life from various human activities, and apply it to real city and region by harmonization of public transport systems and land use.

We discuss the policy framework for sustainable and resilient society. Urban management strategies and roadmap under population saturation/growth, fiscal crisis and environmental constraints are provided.



KATO, Hirokazu Associate Professor kato@genv.nagoya-u.ac.jp http://orient.genv.nagoya-u.ac.jp/kato/ekato.htm



Transportation, Infrastructure and Environmental Planning (4)

Iryo* (E) Lab.

This laboratory deals with traffic engineering. The topics include

- Vehicle and pedestrian traffic flow analysis
- Traffic safety
- Development of traffic simulation models
- Road design and traffic control and other related topics.



Faculty

IRYO, Miho Associate Professor m-iryo@urban.env.nagoya-u.ac.jp http://www.urban.env.nagoya-u.ac.jp/~m-iryo/index.html

Environmental and Environmental System Engineering 1

Environmental policy and Environmental impact assessment Laboratory (Hayashi K Lab.)





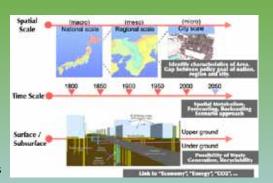
HAYASHI, Kiichiro Professor maruhaya@esi.nagoya-u.ac.jp http://www.maruhaya.esi.nagoya-u.ac.jp/TopEnglish.html



Environmental and Environmental System Engineering 2

Environmental System Analysis and Planning Laboratory (Tanikawa* & Shirakawa* (E) Lab.)

We focus on social and urban metabolism in terms of material input, stock, and output for sustainability. Material stocks of buildings and infrastructure provide numerous services such as dwelling, transport, and communication. We account and analyze material stock and flow with statistical and geographical information system (GIS) databases, in the aim to improve the efficiency and productivity of raw material consumption from the neighborhood to the global scales.



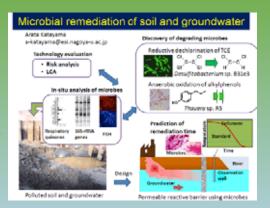
Faculty

TANIKAWA, Hiroki Professor SHIRAKAWA, Hiroaki Associate Professor https://sites.google.com/site/ensap758/en tanikawa@nagoya-u.jp sirakawa@urban.env.nagoya-u.ac.jp

Environmental and Environmental System Engineering ③

Microbial Ecological Engineering Laboratory (Katayama Lab.)

Research and development on the remediation technologies of soil and groundwater contaminated with persistent organic pollutants such as organochlorine compounds by using the capacity of aerobic/anaerobic microorganisms, nitrogen cycling containing nitrate contamination in groundwater.



Faculty

KATAYAMA, Arata Professor a-katayama@esi.nagoya-u.ac.jp http://www.er.esi.nagoya-u.ac.jp/rescwe/tairyou/index_english.html

Environmental and Environmental System Engineering 4

Hirayama* (E) Lab.

- Disaster prevention & preparedness in water system
- Business continuity planning & risk communication for water utility
- Redesign for water distribution system
- Disaster debris management system

Faculty

HIRAYAMA, Nagahisa Associate Professor hirayama.nagahisa@nagoya-u.jp http://profs.provost.nagoya-u.ac.jp/view/html/100009184_en.html

Ground Design

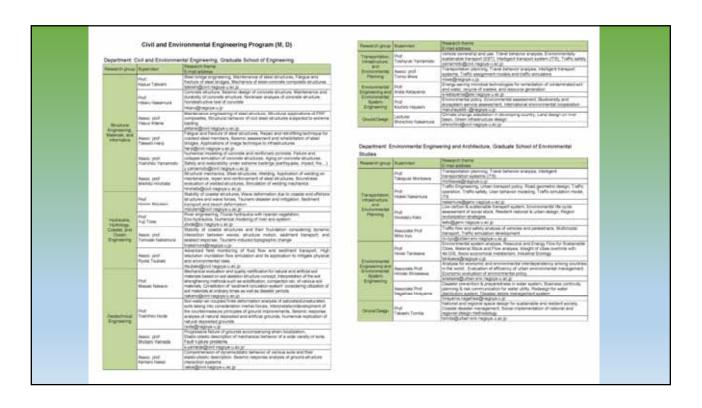
Ground Design Laboratory (Tomita* (E) & Nakamura S Lab.)

Ground Design Laboratory aims to develop integrated methodologies which design sustainable and resilient society for changing world. The laboratory has conducted spatial analyses, archives researches, conducted consensus buildings, field surveys and so on.



Faculty

TOMITA, Takashi Professor tomita@urban.env.nagoya-u.ac.jp NAKAMURA, Shinichiro Lecturer shinichiro@civil.nagoya-u.ac.jp http://www.urban.env.nagoya-u.ac.jp/sustain/indexE.html



Requirements

(1) English Language Requirements (for Master's course)

English Proficiency Test	Qualification (Minimum)
(1) TOEFL	80 iBT, 550 PBT
(2) IELTS	Minimum band score of 6

(3) Other evidence showing that the applicant has English proficiency at least equivalent to requirements (1) or (2) above.

(2) Age

Applicants of the scholarship must be <u>under 35 years of age</u> as of April 1, 2018 (born on or after April 2nd, 1983)

^{*}An applicant who has received their education in a university program in which English was the primary language of instruction is exempted from this requirement.

Admission Procedure

Pre-application inquiry regarding research projects to potential supervisors

Make contact with the potential supervisor by e-mail.

This process helps define your interests and aspirations, contributes to making your application successful, and also serves to ensure the identification of the best possible supervisor for your needs.

□Enrollment period: October 2018

■No need to go to Japan to take the entrance examination

■1. Document screening - 2. Interview (by Skype, TV conference system etc.)

■Application Fee: Not required

Schedule

Pre-application inquiry regarding research projects to potential supervisors	As soon as possible
Opening for Application	December 28, 2017
Deadline of Application (postal submission)	January 31, 2018 by 16:00 (Japan Time)
Announcement of the first screening result	The end of February, 2018
Announcement of the admission result	March 31, 2018
Notification of results of the final selection by Japanese Government	The end of June, 2018

Documents to be submitted

(both for master's and doctoral courses)

Application for Admission on the prescribed form

■Not to re-type nor change the format of the application form

Application for Japanese Government (Monbu-Kagaku-sho) Scholarship on the prescribed form

- Not to re-type nor change the format of the application form
- ☐ For each of all the listed publications, a summary must be attached
- □ <u>"Field of Study and Study Program" are very important for selection</u>. You should therefore separately discuss both in detail

Medical certificate on the prescribed form (to be issued by the medical institution)

Documents to be submitted

(both for master's and doctoral courses)

Information to calculate the Grade Point Average (GPA)

Certificate of his/her national registration or citizenship, and Photocopy of his/her passport

□If you cannot submit any certificate except the copy of your passport, please be advised that you contact to Foreign Student Office of this program (fso@civil.nagoya-u.ac.jp)

Two letters of reference addressed to the president of Nagoya University, on the prescribed form

Three photographs (4.5 x 3.5 cm)

Documents to be submitted

(both for master's and doctoral courses)

Certificate of English proficiency

- □ In all cases, only the results of tests taken after January 2016 will be considered valid for the application
- □(Only for doctoral course) A temporary certificate of the applicant's English proficiency (based on his/her academic records) from his/her University's English Department would suffice.

Technical papers published in journals, if any

Certificate/s of academic awards, if any

Others (if necessary, the school may ask the applicant to submit additional documents)

Documents to be submitted

(for master's courses)

Certificate of the completion of university or college work (Bachelor or equivalent) issued by the appropriate authority of the university or college

Certified academic records of undergraduate course attended (to be issued by the university authority)

A copy of the applicant's bachelor's thesis and/or brief description of the research being carried out the bachelor's program

Documents to be submitted

(for <u>doctoral</u> courses)

Certificate of a Master's degree awarded and certificate of the completion of university or college work (Bachelor or equivalent) issued by the appropriate authority of the university or college

Certified academic records of master's course and undergraduate course attended (to be issued by the university authority)

A copy of the applicant's master's thesis and/or brief description of the research being carried out the master's program

Submission

□All documents must be submitted to:

Head, Foreign Student Office

Department of Civil and Environmental Engineering,

Graduate School of Engineering

Nagoya University

Chikusa-ku, Nagoya 464-8603, JAPAN

□The deadline for application is on 16:00 (Japan time), January 31, 2018

□All the submitted documents will not be returned

■Send the documents by either DHL, EMS or any other methods which let us locate the mail by tracking number

Other Japanese Universities' International Program in the Field of Civil Engineering and Architecture (1)

CVL International Graduate Program in the Field of Civil Engineering and Infrastructure Studies

- Master's and Doctoral courses
- ☐ Admission Period: September-November
- ☐ Enrollment Period: April, September
- ☐ Scholarship: Japanese Government Scholarship Program
- □ https://t-cens.iapply.t.u-tokyo.ac.jp/tcens/course_guide.php?admissionType=screening
- □ http://www.civil.t.u-tokyo.ac.jp/en/admission/

The University of Tokyo 💝 Tokyo Yokohama National University YNU 機深區立大學

Special International Program for Urban Infrastructure Engineering in Developing Countries

- Master's and Doctoral courses
- ☐ Admission Period: January
- ☐ Enrollment Period: October
- ☐ Scholarship: Japanese Government Scholarship
- □ http://www.cvg.ynu.ac.jp/G0/english/apply-e.htm

Other Japanese Universities' International Program in the Field of Civil Engineering and Architecture (2)

Tokyo Institute of Technology 🛕 東京工業大学 Osaka University



International Graduate Program

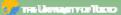
- ☐ Postgraduate Program for Multinational Architects in Conjunction with Engineering and Urban Design; International Program on Earthquake Engineering; Global Engineering Program for Inclusive Society and Sustainable Environment
- Master's and Doctoral courses
- ☐ Admission Period: September-December
- ☐ Enrollment Period: September
- ☐ Scholarship: Japanese Government Scholarship Program
- □ https://www.titech.ac.jp/english/graduate_school/inter national/graduate_program_a/

International Program of Maritime and Urban Engineering

- Master's and Doctoral courses
- Admission Period: November-December
- ☐ Enrollment Period: October
- ☐ Scholarship: Japanese Government Scholarship Program
- □ http://www.eng.osakau.ac.jp/en/entrance/f_admissions.html

Other Japanese Universities' International Program in the Field of Civil Engineering and Architecture (3)

The University of Tokyo mallamental line



Meiji University



G30 Architecture and Urban Design Course

- Master's course
- ☐ Admission Period: September-November
- ☐ Enrollment Period: September
- ☐ Scholarship: Limited number of students can get Japanese Government Scholarship Program, Univ. of Tokyo Fellowship and so on.
- □ http://www.global30.t.utokyo.ac.jp/g30_hp/architecture-and-urbandesign.html
- ☐ http://www.civil.t.u-tokyo.ac.jp/en/admission/

International Program in Architecture and Urban Design

- Master's program
- ☐ Admission Period: June / November-December
- ☐ Enrollment Period: April
- ☐ Scholarship: Meiji University International Students Incentive Scholarship Program

Other Japanese Universities' International Program in the Field of Civil Engineering and Architecture (4)

Hokkaido University



English Engineering Education Program (e3)

Field Engineering for the Environment Division: Architectural and Structural Design Division; Environmental Engineering Division; Engineering and Policy for Sustainable Environment Division; Human **Environmental Systems Division**

- Master's and Doctoral courses
- ☐ Admission Period: November
- ☐ Enrollment Period: October
- ☐ Scholarship: Japanese Government Scholarship Program (But no call for 2018 intake)
- □ http://www.eng.hokudai.ac.jp/e3/



International Graduate Program on Civil and Environmental Engineering

- Master's and Doctoral courses
- ☐ Admission Period: December
- ☐ Enrollment Period: October
- ☐ Scholarship: Japanese Government Scholarship Program (But no call for 2018 intake)
- □ http://intl.civil.saitama-u.ac.jp/

Nagoya University Global 30 International Programs

Tuition fees, etc.

Application Fee	JPY 5,000 (approx. USD 45)	
Registration Fee	JPY 282,000 (approx. USD 2,520)	
Tuition Fee	JPY 535,800 /Year (approx. USD 4,800)	

Living Expenses (Monthly)

Accommodation	JPY 30,000-50,000	
Food	JPY 30,000	
Utilities	JPY 10,000	
Telecommunications	JPY 5,000	
Insurance	JPY 1,500	
Other Personal Expenses	JPY 10,000	
Total	JPY 86,500-106,500	
	(USD 800-1,000)	

Japanese Government MEXT MEXT SCHOOL AND TOUGHNESS COLUMN AND TOUGHNESS

□ Announcements about MEXT scholarships are posted on the website of Embassy of Japan in Uzbekistan

http://www.uz.emb-japan.go.jp/culture-education/education/ministry/index.html

- □Admission round: April, May
- □ Primary screening : June, July (Application documents, Written examination, Interview)
- ■Secondary screening (by MEXT)
- ☐Period to go to Japan: Next April (or Next October)
- **□**Scholarship

JPY 144,000/month (Master's student)

