

**Announcement of a faculty vacancy in
Group of Sustainable Development Course,
Department of Urban Environmental Engineering and Architecture,
Graduate School of Environmental Studies, Nagoya University**

1. Affiliation

Land, Infrastructure and Transportation Management Unit, Sustainable Development Course, Department of Urban Environmental Engineering and Architecture, Graduate School of Environmental Studies, Nagoya University (Education and research in this department are conducted in close cooperation with the Department of Civil Engineering, Graduate School of Engineering, and Institute of Innovation for Future Society.)

2. Job Title and Number of Positions Available

One permanent position at the Professor level

3. Date of Commencement of Employment

April 1, 2024.

4. Job Description

<Business content>

Under the philosophy of "sustainable development studies" and "safety and security studies" advocated by the Graduate School of Environmental Studies, education and research on transportation planning are conducted. In particular, we are looking for a person has excellent educational and research achievements and who is highly motivated to implement the developed technology in society both in Japan and overseas by conducting research in the following fields:

- Aiming to realize a sustainable future society that utilizes smart mobility such as automated vehicles, propose new mobility, design services, develop transportation planning methods using big data such as travel data, conduct research that actively introduces innovative approaches such as traffic control using statistical models and machine learning.
- Aiming to create innovations that will open up the future in the field of transportation planning and town planning, and to implement research results in society through dialogue with citizens, companies, and local governments. In collaboration with the Institute of Innovation for Future Society, conduct research to promote industry-government-academia collaboration projects such as mutual assistance type urban development, support for resident-led activities, and implementation of new mobility services.

<Courses in charge>

(1) Graduate school level

- Master's course: Transportation system analysis (15 classes, number of registered students: 30), social system analysis practice (15 classes, number of registered students: 30), spatial environment seminar 3 (15 classes, registered students) number: 30), etc.
- Doctoral course: Spatial environment seminar 3 (15 classes, number of registered students: 30), etc.

(2) Undergraduate level

Social capital planning (7 classes, number of registered students: 40), history of cities and civilizations (7 classes, 70 students), social capital and spatial planning seminar (3 classes, 10 students), information communication technology and automobiles transportation (3 frames, 10 people), etc.

<Others>

Responsible for academic and general affairs of the Department of Urban Environmental Studies, the Graduate School of Environmental Studies, and the School of Engineering

5. Required Qualifications

Applicants must satisfy all of the following requirements.

- (1) Those who have a doctoral or Ph.D. degree
- (2) Those who can be in charge of education to undergraduate and graduate students in the field of civil engineering
- (3) Must be able to give lectures and to instruct undergraduate and graduate students in English and Japanese.
- (4) Those who have international achievements in their specialized fields

6. Application materials required (in Japanese or English)

- (1) Curriculum vitae (This should include age, e-mail address and other contact details, summary of academic and professional career from high school including the date of university graduation, and be accompanied by a recent photo of the applicant.)
- (2) List of publications and related scientific output, which should be divided into the following types: peer-reviewed papers, other papers, lectures, oral presentations, etc., books and other publications, awards, competitive funding, patents, teaching history, subjects in charge, committee member history, other (social activities, etc.)
- (3) Summary of research achievements (approximately 3000-4000 characters in Japanese or 1500-2000 words in English. Correspond with major achievements in (2).)
- (4) Reprints or copies of major papers (about 3 articles or books in total)
- (5) Aspirations and plans for research and education related to the field of application (approximately 3000-4000 characters in Japanese or 1500-2000 words in English)
- (6) Names and contact information of two researchers who we can contact about the applicant's achievements (one of them should be a foreigner)
- (7) Self-declaration of category applicability (Form 1) (Refer to "10. Deemed Exports")

7. Address to Which Application Documents Should be Sent

Please send the above documents and the media containing their electronic data to the address below by simple registered mail within the application period (must arrive by deadline).

Prof. Hideki Nakamura, Head of Department of Urban Environment
Graduate School of Environmental Studies, Nagoya University
Furo-cho, Chikusa-ku, Nagoya 464-8603, JAPAN

8. Application Deadline

All application documents must arrive by September 29, 2023.

9. Selection Procedure

Initial short-list selection will be based on application documents.
Subsequent selection may require an interview.

10. Deemed Exports

In November 2021, in accordance with the clarification of the scope of control for “deemed exports” under the Foreign Exchange and Foreign Trade Act (“FEFTA”), some provision of sensitive technology to faculty members and students by universities and research institutions has become subject to control under the FEFTA. Consistently with this change, when applying for faculty positions or to study at the University, faculty, staff, and students will be required to submit a “Declaration of applicable specific categories” based on the “Flowchart for determining applicable specific categories.” Faculty, staff, and some students will also be required to submit a “Letter of confirmation” at the time of their recruitment or admission. Please download the form to fill from the following link and submit it with other application materials.

<https://nuss.nagoya-u.ac.jp/s/RzWzFnmJBq6akyt>

For more details, see the following link.

http://www.aip.nagoya-u.ac.jp/researcher/security/mat2_English_setumeibun.pdf

11. Miscellaneous

- Nagoya University actively recruits women if they are recognized as equivalent in terms of achievements (including research achievements, educational achievements, social contributions, and character).
- Submitted documents will not be used for purposes other than this selection.
- Application documents will be disposed of responsibly by the selection committee and will not be returned.
- Travel expenses required for interviews will not be reimbursed.