

National University Corporation Tohoku University
Graduate School of Engineering
Call for Applicants

1. Job title: Professor

2. Number of positions: 1

3. Affiliation: Department of Architecture and Building Science

4. Job description: The successful candidate is expected to advance research on the built environment control and facilities design to realize decarbonized, high-quality cities and buildings. Further, they should promote the social implementation of research outcomes related to energy conservation, decarbonization, and smart architecture by applying environmental and facility design. Responsibilities will include teaching at both undergraduate and graduate levels and directing research projects that lead to MS. and Ph.D. theses, as well as administration of the school.

5. Qualifications and conditions:

Candidates must possess a doctoral degree and have distinguished achievements in the above-mentioned specialization. They should willingly engage in design education and research and development, in collaboration with faculty members of design and planning.

6. Responsible subjects:

At Graduate School level

• Design of Building Facilities, Sustainable Building, Assessment of Environmental Performance of Buildings, Master Course Seminars on Sustainable Built Environment, Doctoral Course Seminars on Sustainable Built Environment, etc.

At Undergraduate level

• Building Mechanical and Electrical Engineering, Sustainable Engineering, Built Environment Design, Bachelor Thesis Seminar, etc.

6. Start Date: April 1, 2023

7. Salary and Benefits

(1) Salary: to be determined in accordance with Tohoku University's employment regulations.

Allowances for transport, housing, and dependents may be provided depending on circumstances.

(2) Employment status: Full Time

(3) Job type: Tenured

(4) Hours:

The discretionary labor system for professional work shall apply.

Flexible Work Hours: The standard working hours are 8:30 to 17:15, but the actual working hours are at the discretion of each employee.

(5) Holidays: Saturdays, Sundays, National Holidays, New Year's Holidays (Dec. 29 - Jan. 3)

(6) Insurance:

Admission into the MEXT Mutual Aid Association; provision of unemployment insurance and worker's accident insurance

8. Application materials

- (1) Curriculum Vitae (with photograph attached)
- (2) List of research achievements (research papers, patents, books, reviews, awards, etc.)
- (3) Lists of competitive research funds received, academic conference activities, international conference presentations
- (4) List of your educational achievements (the subjects you taught, the number of hours taught for each subject, and the grades that were taught)
- (5) Five major research papers
- (6) Summary of research activities (about 2 pages on A4 paper)
- (7) Future research plan (about 2 pages on A4 paper)
- (8) Aspirations for educational activities (about 2 pages on A4 paper)
- (9) Information on two persons who know the applicant well (name, affiliation, position, telephone, and e-mail address)
- (10) Database URL for the applicant's research achievements (Scopus, ResearchGate, etc.)

9. Application deadline:

Application documents must arrive by 24:00 (JST) on October 11, 2022

10: Address for application and supporting documents:

All applicants should submit a pdf file including all supporting documents for their application by e-mail to the following address.

Yoshihiro Kimura, Chair Professor

Department of Architecture and Building Science, Graduate School of Engineering

Tohoku University

E-mail: shunin@g-mail.tohoku-university.jp

When sending by e-mail, please make the subject line " Open Call for Professor, Department of Architecture and Building Science (Applicant's Name)"

11. Contact Details

Akashi Mochida, Professor

Department of Architecture and Building Science, Graduate School of Engineering

Tohoku University

E-mail: akashi.mochida.d1@tohoku.ac.jp

12. Remarks

- We may ask you to make a presentation during the selection process.
- We may request a visit to observe candidates (teaching, etc.) at their workplace as part of the selection process.
- Tohoku University promotes activities to increase Diversity, Equity and Inclusion (DEI) and encourages people of varied talents from all backgrounds to apply for positions at the university.

Tohoku University's website about the DEI Declaration is here:

<http://tumug.tohoku.ac.jp/dei/>

- Pursuant to Article 8 of the Act on Securing, Etc. of Equal Opportunity and Treatment between Men and Women in Employment, Tohoku University shall, as a measure for increasing the presence of women among the academic staff, prioritize the hiring of women deemed qualified for each job opening, based on the impartial evaluation.
- Tohoku University has the largest on-campus childcare system of all Japanese national universities. This network comprises three nurseries: Kawauchi Keyaki Nursery school (capacity: 22) and Aobayama Midori Nursery school (116), both open to all university employees, as well as Hoshinoko Nursery school (120), which is open to employees working on Seiryō Campus. In addition, Tohoku University Hospital runs a childcare room for mildly ill and convalescent children which is available to all university employees
- See the following website for information on these and other programs that Tohoku University runs to assist work-life balance, to support researchers, and to advance gender equality, including measures to promote childcare leave among male employees.

Tohoku University Center for Gender Equality Promotion website:

<http://www.tumug.tohoku.ac.jp/>

Human Resources and Planning Department website:

<https://c.bureau.tohoku.ac.jp/jinji-top/external/a-4-kosodate/>