

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

1. Job title: Associate Professor

2. Number of positions: 1

3. Affiliation: Department of Architecture and Building Science

4. Job description: The successful candidate will be expected to promote research on built environmental engineering, which will help realize high-quality urban and building spaces by analyzing, evaluating, and predicting techniques, using CFD, remote sensing, etc. Furthermore, the candidate will promote the social implementation of research outcomes related to sustainable urban spaces. Responsibilities include teaching at both undergraduate and graduate levels, directing research projects for MS and PhD theses, and administering the school.

5. Qualifications and conditions

A doctoral degree and distinguished achievements in the above-mentioned specialization are essential. The candidate will be expected to engage in design education, research, and development in collaboration with design and planning faculty members.

6. Subjects to be taught:

At Graduate School level

• Numerical Analysis of Indoor and Outdoor Environment, Assessment of Environmental Performance of Buildings, Development of Applied Computer System in Architecture II, Theoretical Basis of Mathematics and Dynamics in Building Engineering II, Master Course Seminars on Sustainable Built Environment, Doctoral Course Seminars on Sustainable Built Environment, etc.

At Undergraduate level

• Building Environmental Engineering Fundamentals, Urban Environmental Engineering, Building Environmental Design, Fundamental Design B, Exercises in Civil Engineering and Architecture, Bachelor Thesis Seminar, etc.

6. Start Date: August 1, 2025

7. Salary and Benefits

(1) Salary: to be determined under the 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 8:30–17:15; however, the actual working hours are at the discretion of each employee.

(5) Holidays: Saturdays, Sundays, National Holidays, New Year's holidays (December 29–January 3).

(6) Insurance:

Admission to the MEXT Mutual Aid Association, provision of unemployment insurance and workers' accident insurance

8. Application materials

(1) Curriculum Vitae (with attached photograph)

(2) List of research achievements (research papers, patents, books, reviews, and awards).

(3) Competitive research funds received, academic conference activities, and international conference presentations

(4) List of educational achievements (subjects taught, number of hours taught for each subject, and grades taught)

(5) Five major research papers.

(6) Summary of research activities (approximately two pages on A4 paper)

(7) Future research plans (approximately two pages on A4 paper)

(8) Aspirations for educational activities (approximately two pages on A4 paper)

(9) Details of two people who know the applicant well (name, affiliation, position, telephone, and e-mail address)

(10) Database URL for applicant's research achievements (Scopus, ResearchGate, etc.)

9. Application deadline:

Application documents must arrive at 24:00 (JST) on March 31, 2025.

10: Address for application and supporting documents

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

Chair Professor Taro Igarashi

Department of Architecture and Building Science Graduate School of Engineering

Tohoku University

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

When applying through e-mail, please write "Open Call for Associate Professor, Department of Architecture and Building Science (Applicant's Name)" in the subject line.

11. Contact Details

Professor Hikaru Kobayashi
Department of Architecture and Building Science Graduate School of Engineering
Tohoku University
E-mail: hikaru.kobayashi.c6@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 (while teaching, etc.) at their workplaces as part of the selection process.
- Tohoku University promotes activities to enhance Diversity, Equity and Inclusion (DEI) and encourages people of varied talent from all backgrounds to apply for positions at the university.

Tohoku University's website about the DEI Declaration is

<https://dei.tohoku.ac.jp/en/vision/about/>

- 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 impartial evaluation.
- Tohoku University has the largest on-campus childcare system among all Japanese universities. This network comprises three nurseries: Kawauchi Keyaki Nursery School (capacity: 22) and Aobayama Midori Nursery School (116), both open to all university employees; and Hoshinoko Nursery School (120), which is open to employees working at the Seiryō Campus. Additionally, Tohoku University Hospital runs a childcare room for mildly ill and convalescent children; this is available to all university employees.
- Visit the following website for information on these and other programs that Tohoku University runs to assist work-life balance, support researchers, and advance gender equality, including measures to promote childcare leave among male employees:

Tohoku University Center for Gender Equality Promotion

<https://dei.tohoku.ac.jp/en/>

Human Resources and Planning Department websites

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