

Tohoku University, Graduate School of Engineering,
Department of Civil and Environmental Engineering
Faculty recruitment

Number of positions and Job title: One position open for a professor

Division: Tohoku University, Graduate School of Engineering, Department of Civil and Environmental Engineering, Division of Regional Systems

Starting Date: April 1st, 2026 or later (as early as possible)

Employment status: Full time (Tenure position)

Specialized field:

Advanced Infrastructure Systems: The mission of this division is to develop the academic field of infrastructure systems for the next generation. To create and manage advanced infrastructure systems with high added value such as longevity, resilience, and intelligence, we expect applicants to conduct several research projects to elucidate the mechanisms and principles of mechanical behavior of structures, to develop technologies that contribute to automated construction and disaster mitigation, and to optimize planning, design, construction, and maintenance of infrastructural facilities by integrating and developing “experiment, measurement, observation, and numerical analysis” and “information and data science.”

Main subjects in charge:

- **Undergraduate:** Fundamentals and Exercises in Civil Engineering and Architecture, Fundamentals of Information and Data, Data-Mathematics, Exercises in Applied Information Processing B, Infrastructural Engineering Studies A and B, etc.
- **Graduate School:** Spectral Analysis, Seminar on Regional System Engineering, Advanced Regional System Engineering, Master and Doctor Course Seminar on Civil and Environmental Engineering, etc.

Duties: Successful candidates will be engaged in education and research related to the above-mentioned specialized field, as well as administration of the school.

Required qualifications and conditions:

- (1) Candidates must have a doctoral degree upon arrival at the post.
- (2) Candidates must have original and internationally outstanding achievements and perspectives in the above-mentioned specialized field.
- (3) Candidates must have strong motivation and enthusiasm for education and research in the above-mentioned specialized field.
- (4) Candidates must be able to give lectures and supervise the above topics in English.

Compensation: Paid in accordance with Tohoku University Staff Employment Regulations. Transportation, housing, and dependent allowances may be provided depending on conditions.

Work hours: Discretionary working system for professional work. As a basis, starting time (8:30 AM) to ending time (5:15 PM), but left up to the discretion of each employee.

Holidays: Saturday, Sunday, and holidays prescribed by the National Holyday Act, the days from 29th December to 3rd January

Insurance: Admission into the Mutual Aid Association of MEXT, Unemployment Insurance, Worker's Compensation Insurance

Application materials:

- (1) Curriculum Vitae (with a photo attached).
- (2) List of research achievements (Peer-reviewed original research papers, books, and other papers and articles).
- (3) Reprints of the peer-reviewed original research papers listed in (2). (If the books listed in (2) are of particular note, a copy of the cover pages and the complete table of contents should be attached. In the case of a book with joint authorship, the part of the authorship should be indicated.)
- (4) Summary of research achievements, which should be categorized by research topics with reference to (2) (within two pages in total).
- (5) Five representative peer-reviewed original research papers and their abstracts (around 100 words each).
- (6) List of research and educational achievements (Free description of awards received, patents, competitive research funding obtained, academic and social activities, courses taught in the past, etc.).
- (7) Aspirations for education and research (should be around 1,000 words).
- (8) List of 2 researchers (affiliation, name, e-mail address, phone number) who can give their opinion on the applicant.

There are no strict format requirements for each document; however, please ensure that the font size is consistent, using 10 to 10.5 points. All the above application documents must be submitted as PDF files saved on USB or other storage media. Kindly note that submitted documents will not be returned. Letters of recommendation are not required.

Application deadline: The application materials must arrive by Thursday, August 7th, 2025, 5:00 p.m. (JST).

Selection Method: Selection will be based on application documents and an interview.

Postal address: The applicants should submit their application materials by registered mail to the following address. Please write in red “Application for faculty position in the Division of Advanced Infrastructure Systems” on the envelope. E-mail submissions will not be accepted.

Department Chair,
Department of Civil and Environmental Engineering,

Graduate School of Engineering, Tohoku University
6-6-06, Aramaki-aza-Aoba, Aoba-ku, Sendai 980-8579, Japan

Contact information for this recruitment:

Prof. Kenjiro Terada
Department of Civil and Environmental Engineering, Tohoku University
E-mail: kenjiro.terada.b3@tohoku.ac.jp

Remarks:

- Tohoku University promotes gender equality and welcomes proactive application for job positions by diverse talent.

Tohoku University Declaration of Diversity, Equity and Inclusion (DEI):

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

- 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 Kawauchi Keyaki Nursery School (22 children) and Aobayama Midori Nursery School (116 children) available for use by all faculty and staff, and Hoshinoko Nursery School (120 children) available for use by residents of the Seiryō area, making it the largest on-site childcare facility at a national university in Japan. There is also a nursery for children with minor illnesses and children after illnesses in the University Hospital, which is available for use by all university faculty and staff.
- See the following website for information on these and other programs that Tohoku University runs to assist work–life balancing, support researchers, and advance gender equality.

Tohoku University Center for Gender Equality Promotion website:

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