

## Job Posting

### (Associate Professor: Disaster Prevention and Structural Engineering) R5-121

Affiliation	School of Environment and Society Department of Architecture and Building Engineering
Position title	Associate Professor
Number of Openings	1
Area of Specialization	Field of Disaster Prevention and Structural Engineering
Job Description	<ul style="list-style-type: none"> <li>● The successful candidate will be required to develop applied research in numerical analysis, AI (artificial intelligence), Ds (data science) and experimentation in the field of building disaster prevention and structural engineering.</li> <li>● The successful candidate will be required to hold lectures and tutorials of disaster prevention, structural mechanics and structural experimentation in the Department of Architecture and Building Engineering for both undergraduate students in Japanese and graduate students in English and Japanese.</li> <li>● The successful candidate will be required to manage the laboratory and supervise graduate theses for undergraduate, master's, and doctoral students.</li> <li>● The successful candidate will be required to perform administrative work for the institute, school, department of Architecture and Building Engineering, course of Urban Design and Built Environment, etc.</li> </ul>
Qualifications	<ul style="list-style-type: none"> <li>● The candidate must have a Ph.D. or have equivalent experience in a relevant field and have appropriate research experience.</li> <li>● The candidate must have the knowledge and experience in numerical analysis on building disaster prevention and structural engineering. In addition, basic knowledge and applied experience in AI and Ds is desirable.</li> <li>● The candidate is preferable to have the knowledge and experience on structural experimentation and survey.</li> <li>● The candidate must be able to collaborate with national and/or international engineering communities to develop a new research area, obtain major funding and establish international networks, and be highly motivated and willing to show initiative in the field of disaster prevention and structural engineering.</li> </ul>
Location	Suzukakedai Campus Nearest station: Suzukakedai
Working Hours	De facto working hours* under the discretionary labor system for professional work: 7 hours 45 minutes per day (38 hours 45 minutes per week) *Hours considered as working hours
Term	Permanent Position The Institute has mandatory retirement, requiring employees to retire at age 65.
Probationary Period	6 months

Salary	<p>The successful candidate will be paid under the “Annual Salary System with Lump-Sum Retirement Allowance” pursuant to the Institute’s Regulations on Wage and Salary for Staff under Annual Salary System with Lump-Sum Retirement Allowance. In accordance with the regulations, the amount of annual salary will be determined based on the standard level for the first fiscal year of employment, and will be based on performance evaluations in subsequent years. A retirement allowance will be paid separately at the time of retirement.</p> <ul style="list-style-type: none"> <li>● Annual salary examples (The amounts listed below are only examples provided in the regulations and do not directly refer to this specific position.)</li> <li>• Associate Professor who has 5 years of work experience after completing a doctoral degree.</li> </ul> <p>Standard: JPY 7,500,000  Minimum*: JPY 7,000,000  Maximum*: JPY 8,600,000  *The minimum and maximum amounts will vary depending on performance.</p>
Social insurance and other benefits	Employee’s pension, Mutual Aid Association short-term benefits (health insurance), employment insurance, and worker’s compensation Insurance.
Employer	President of National University Corporation Tokyo Institute of Technology
Proposed Start Date	December 1st, 2024, or the earliest possible date thereafter
Closing Date for Application	Applications must be received by 18:00, May 17th (Friday), 2024. (Japanese Standard Time)
Selection Process	<ul style="list-style-type: none"> <li>● Selection is based on a comprehensive review of applications and interviews.</li> <li>● Selected applicants may be asked to have an on-campus interview and/or give a presentation.</li> <li>● Please note that travel expenses for attending in-person interviews will not be reimbursed.</li> </ul>
Required Documents	<p>Use JREC-IN Portal for submission.</p> <p>List of required documents</p> <ol style="list-style-type: none"> <li>1. Curriculum vitae including professional and educational history (from high school onward), degrees, honors and awards, criminal history and disciplinary actions, awards, and email address. Please fill out below.  <a href="https://tokyotech.box.com/s/fi062kfcddqw6vub82mx62619hukmfvk">https://tokyotech.box.com/s/fi062kfcddqw6vub82mx62619hukmfvk</a></li> <li>2. Accomplishment statement, including: <ol style="list-style-type: none"> <li>a. Refereed journal papers (underline applicant’s name)</li> <li>b. Refereed conference proceedings and non-refereed conference proceedings</li> <li>c. Reviews and commentary works</li> <li>d. Books</li> <li>e. Patents, etc. <ul style="list-style-type: none"> <li>● Please include details for each category. For lectures, state if it was a keynote or invited lecture.</li> <li>● For items a. and b., include the number of citations, h-index, and name of database* used.</li> <li>● *Google Scholar Citations, Scopus, Web of Science, or Inspire</li> </ul> </li> </ol> </li> <li>3. Up to five reprints or copies of major publications</li> <li>4. Acquired research grants and external funds in last ten years. Include names of the funds, project titles, amounts, periods of research, and allocated amounts (if not the principal researcher)</li> </ol>

	<ol style="list-style-type: none"> <li>5. Research statement with a summary of research accomplishments and details of the future direction and plan for the applicant's work (free form, two A4 pages)</li> <li>6. Teaching statement that provides a summary of accomplishments and discusses ideas for teaching and learning (free form, two A4 pages)</li> <li>7. Social activities such as those as a member of international and academic committees</li> <li>8. List of two people with names, affiliations, and contact details. We may ask for reference letters from them later.</li> <li>9. Summary sheet. The form (R5-121_Summary_Name.xlsx) can be downloaded from below. Do not change the format. <a href="https://tokyotech.box.com/s/fj062kfcddqw6vub82mx62619hukmfyk">https://tokyotech.box.com/s/fj062kfcddqw6vub82mx62619hukmfyk</a></li> </ol>
<p style="text-align: center;">How to Submit an Application</p>	<p>Please submit your application via JREC-IN Portal. Upload a zip file containing PDF files of the required documents from No.1 to No.8 and the Excel file of No.9. <a href="https://jrecin.jst.go.jp/seek/SeekJorDetail?id=D124030584">https://jrecin.jst.go.jp/seek/SeekJorDetail?id=D124030584</a> Note: You may be asked to submit additional data during the selection process if necessary.</p>
<p style="text-align: center;">Contacts</p>	<p>Prof. Hiroaki Yamanaka, and Prof. Toru Takeuchi, Department of Architecture and Building Engineering Email: <a href="mailto:inquiry-r5121@enveng.titech.ac.jp">inquiry-r5121@enveng.titech.ac.jp</a> (Please include "R5-121 Job Posting" in the subject.)</p>
<p style="text-align: center;">Others</p>	<ol style="list-style-type: none"> <li>1. The personal information provided in the submitted documents will be used solely for recruitment and not for any other purpose, pursuant to the Institute's applicable rules and regulations.</li> <li>2. Tokyo Institute of Technology, in order to ensure a diverse workforce, guarantees equal opportunities for all individuals regardless of nationality or gender.</li> <li>3. Smoking is prohibited on campus (excluding designated outdoor smoking areas).</li> <li>4. Questions regarding the applicability of the "Specific Categories" under the Foreign Exchange and Foreign Trade Act may be asked during the selection process.</li> <li>5. Work conditions may be subject to change due to the integration with Tokyo Medical and Dental University, which is anticipated in fall 2024.</li> <li>6. For more information, please refer to the following link. <a href="http://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=en">http://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=en</a></li> </ol>