

Opening for Associate Professor (Tenure Track) in the Department of Agricultural and Environmental Engineering at Tokyo University of Agriculture and Technology

1. Overview

Tokyo University of Agriculture and Technology invites applications for one (1) associate professor for the tenure-track position in the field of Agricultural and Environmental Engineering. The tenure-track period is five years.

The appointee will be affiliated to the Institute of Agriculture and will run their independent research laboratory as a Principal Investigator. The appointee who makes outstanding achievements during the tenure-track period will be promoted to tenured position. The appointee will receive favorable treatment in the allocation of start-up funds for the initial launch of his/her laboratory, administrative support, etc. Furthermore, an environment in which he/she can focus on his/her research is provided with fewer duties in teaching and administrative work. He/she is expected to give lectures in his/her field of expertise at the affiliated department and graduate school and to advise graduate students for their thesis research. Tenure reviews are conducted in the third and fifth years of the tenure-track period by the review committee. If the evaluation indicates that the appointee is appropriate, he/she will be promoted to tenured position. If he/she makes a significant achievement, he/she may be promoted to the tenured position in the third year. Evaluation criteria will be established within six months after the appointment. As described below, salary and benefits of this tenure-track appointee is about the same as tenured faculty with similar ranks.

2. Recruitment Field

The Division of Agricultural and Environmental Engineering of the Graduate School of Agriculture is engaged in research and education aimed at creating innovation in agriculture and developing and promoting safe and secure agricultural production, distribution technologies, and post-harvest technologies that are indispensable for robust and sustainable agriculture, with the aim of solving issues such as world poverty and famine and adapting to global climate change, which are SDG targets. This position is open to an enthusiastic researcher who is highly motivated to contribute to one or more of the following areas: 1) advancement of agricultural production and production management technology, 2) automation and safety improvement of agricultural operations, 3) application of digital information technology and mathematical and data science technology to the field of agriculture, and 4) advancement of agricultural product preparation and processing technology. We are looking for a faculty member who is willing and able to contribute to teaching and advising graduate students.

Research Field	Keywords for Research and Education	Number of Positions
Agricultural and Environmental Engineering and Informatics	(1) Agricultural Machinery (2) Postharvest Technology (3) Biosystems Engineering (4) Soil and Water Engineering (5) Green Intelligence and Informatics (6) Rural Planning	One position

3. Qualifications

Applicants need to meet all of the following qualifications.

- 1) An applicant who meets either of the following criteria:
 - A) who has completed his/her Ph.D. through higher education in countries other than Japan
 - B) who has approximately 5 years of research experience at research institutes in countries other than Japan.
- 2) Within approximately 10 years after completing PhD at the time of appointment
- 3) Ability to conduct international joint research and to write international co-authored papers.
- 4) Applicants must have the motivation and potential to obtain external funding (joint research funds, etc.) from overseas.

* At the time of appointment, Japanese language skill is not required.

4. Selection policy

Our selection process emphasizes the following elements:

- Whether he/she has produced internationally recognized, outstanding achievements in his/her research.
- Whether he/she can contribute to education in our department and graduate school (i.e., in the field of agricultural and environmental engineering).
- Whether he/she is engaged in original research that has a social impact.
- Whether he/she can contribute to international joint research and publish international co-authored papers.

Furthermore, to promote diversity and inclusion at TUAT, we are going to recruit researchers from countries other than Japan proactively in this selection.

5. Startup and Research Budgets, Research Space

The appointee will be provided with 9 million yen (4.5 million yen for the first year, the other 4.5 million yen for the second year) as a startup fund. For the remaining years, annual research budget which is similar to that of the tenured faculty members will be provided. Independent research space will be allocated at the time of appointment.

6. Additional Duties and How Tenure is Granted

The tenure-track associate professor in this call is desired to accomplish advanced research achievements through international collaborative research and international co-authored papers.

Mid-term evaluation will be conducted during the third year of the appointment; tenure will be granted if he/she accomplishes outstanding achievements. A final evaluation will be conducted in the fifth year. Those who fail to pass the final evaluation will resign at the end of the tenure-track term, but will be permitted to enroll at TUAT as a specially appointed associate professor, up to a maximum of one year.

7. Teaching

He/she will be required to give lectures in their field of expertise at the department and the graduate school, and to supervise undergraduate and graduate students for their thesis research.

8. Salary

Annual salary will be from about 6.3 to 7 million Japanese Yen depending upon the appointee's previous experience. This is roughly equivalent to the salary of tenured associate professors. The salary is determined based on TUAT's regulations taking into account the appointee's previous career and research achievement.

9. Institute of Affiliation and Place of Work

Affiliation: Institute of Agriculture, Tokyo University of Agriculture and Technology

Institution name: Tokyo University of Agriculture and Technology

Type of institution: National University Corporation

Location: 3-8-1 Harumi-cho, Fuchu-shi, Tokyo 183-8538, Japan

Place of work: Fuchu Campus, 3-5-8 Saiwai-cho, Fuchu-shi, Tokyo 183-8509, Japan

Type of job: Associate professor

Working arrangements: Full time

10. Duration of Tenure-track Period

Five years from the time of appointment

(If the appointee is found to satisfy preset criteria in the tenure evaluation based on his/her research and teaching performance during the tenure-track period, he/she will be promoted to a tenured position)

11. Time of Appointment

As early as possible after December 1, 2024.

12. How to Apply and Documents Required

Please apply by attaching the following set of documents via the web form, a link is given below. We will not accept any applications by postal mail or email. Please be sure to read the following instruction carefully before applying.

Personal information related to applications will be handled in accordance with the Personal Information Protection Law and TUAT's regulations. Although the fact of application will not be disclosed, we may make inquiries to the extent necessary for the selection process. Note that the application materials will not be returned.

<Application Form (Online System)>

To apply this position, please submit all the necessary documents listed below from the following web form (<https://forms.gle/dpTNnNFfQKrHSQmt7>) or through the JREC-IN portal site (<https://jrecin.jst.go.jp/seek/SeekTop>). Please search with the key words "Tokyo University of Agriculture and Technology" to find the advertisement of this particular position.

<Application Documents>

- 1) Curriculum vitae including all of your previous relevant experiences with a full publication list (PDF) [<format>](#)
- 2) PDF of your major publications (up to 5; at least 1 is required)
- 3) Summary of past research activities (PDF) (in English, up to two A4 pages including figures each)

- 4) Overview of research plan at TUAT (PDF) (in English, up to two A4 pages including figures each)
- 5) Educational achievements and plan (PDF) (in English, up to one A4 page)
- 6) Names and contact information of two references (PDF)

Points to Note

- 1) All documents must be prepared in English.
- 2) The size of each file is limited to maximum of 10 MB.

13. Deadline for Application

June 21, 2024, 5 pm (Japan Standard Time or JST)

The application site will be closed at this time and date.

14. Selection Schedule

First selection (application document review) by July 19, 2024

Interview for those short listed: by August 31, 2024 (tentative)

Appointment: As early as December 1, 2024 (tentative)

15. Inquiries (including contacts for general questions on application)

For any inquiries, please contact the chair of the search committee via email.

Dr. Shinji Fukuda

Department of Agricultural and Environmental Engineering

Institute of Agricultural Science

Tokyo University of Agriculture and Technology

Email: shinji-f<at>cc.tuat.ac.jp (please replace <at> with @)

16. Others

- 1) Please refer to the university's application website (https://www.tuat.ac.jp/en/outline/kyousyoku/kyouin/20240621_02_en.html) for details of this call for applications.
- 2) The university actively promotes gender equality.
- 3) Based on the Foreign Exchange and Foreign Trade Act, TUAT conducts security checks when hiring new staff. We, therefore, ask you to provide information necessary for the security check. As a result of reviewing the information, if the applicant falls under any regulatory requirements, we may ask you to change the scope of your desired education and research. Additionally, if the Ministry of Economy, Trade and Industry disapproves TUAT's request to approve your acceptance, our offer to you may be cancelled.