

**Position for Assistant Professor in the Laboratory of Timber Engineering,
Research Faculty of Agriculture, Hokkaido University**

August 10th, 2023

We are inviting applications for the position of Assistant Professor in the Laboratory of Timber Engineering, Research Group of Forest Science, Division of Fundamental Agriscience Research, Research Faculty of Agriculture, Hokkaido University.

1. Title of position:

Assistant Professor (see Appendix 1)

2. Affiliation:

Laboratory of Timber Engineering, Research Group of Forest Science, Division of Fundamental Agriscience Research, Research Faculty of Agriculture, Hokkaido University (see Appendix 2).

3. Duties in education:

Lectures, seminars, experimental works, practical training, and exercise courses related to Timber Engineering (see Appendix 3).

4. Qualifications:

- (1) Applicants should have a doctoral degree including Ph.D.
- (2) Applicants should possess outstanding research achievements on strength properties of wood and wood-based materials, wood drying, and evaluation of the safety and durability of timber structures and joints (see Appendix 4).
- (3) Applicants should have the ability to provide education and research guidance regarding the above education for undergraduate and graduate students both in Japanese and in English (see Appendix 3).
- (4) Applicants must arrive at his/her post on the scheduled date.

5. Application materials*:

- (1) Curriculum vitae **
- (2) Publication list and biographical data on research activities **
- (3) Summary of research activities with citing the reference number in the publication list (either around 800 words in English or around 1,000 characters in Japanese)
- (4) Reprints or photocopies of all peer-reviewed publications
- (5) Summary of educational activities including those made in English and applicant's perspectives on education (either around 800 words in English or around 1,000 characters in Japanese)
- (6) Summary of applicant's perspectives on research (either around 800 words in English or around 1,000 characters in Japanese)
- (7) The list of two references for the applicant, showing his/her name, institution, position, telephone numbers, and e-mail addresses

* Two sets of each document to be submitted

** Forms of curriculum vitae, publication list, and biographical data on research activities are available at the URL of Research Faculty of Agriculture, Hokkaido Univ. (<https://www.agr.hokudai.ac.jp/i/subscription>)

Remarks: Please note that an interview may be conducted if necessary. In that case, the applicant is responsible for any travel expenses. The submitted documents will not be returned to the applicant. Applications will not be used for purposes other than this job posting.

6. Deadline for application:

October 2nd, 2023

7. Scheduled starting date of employment:

January 1st, 2024

8. Destination of the documents:

Prof. Tomohiko Kubo, Chair of the Personnel Committee, Ph.D.
Research Faculty of Agriculture, Hokkaido University,
Kita 9 Nishi 9, Kita-ku, Sapporo 060-8589, Japan
Tel: +81-11-706-3350 (Personal section in Research Faculty of Agriculture, Hokkaido University)

*The requested documents should be submitted via registered mail (or a similar method) to the postal address indicated above. Please specify "Application for Assistant Professor in the Laboratory of Timber Engineering, Research Group of Forest Science" in red ink on the envelope.

9. Contact person:

Prof. Yuzou Sano, Ph.D.
Research Faculty of Agriculture, Hokkaido University,
Kita 9 Nishi 9, Kita-ku, Sapporo 060-8589, Japan
Tel: +81-11-706-3859, E-mail: pirika@agr.hokudai.ac.jp

10. Compensation:

(1) Probation Period:

3 months

(2) Salary:

National University Corporation Hokkaido University Salary Regulations for Faculty Subject to Annual Salary System

(3) Working hours:

Monday to Friday • Discretionary work system

*The working hour for a day is deemed as 7 hours and 45 minutes.

(4) Workplace insurance:

- Employee pension insurance
- Mutual association of the Ministry of Education, Culture, Sports, Science and Technology
- Employment insurance
- Workers' accident compensation insurance

11. Name of recruiter institution:

National University Corporation Hokkaido University

12. Measures to Prevent Second-hand Smoke:

Smoking in designated areas only

13. Others:

Hokkaido University is actively promoting both education and research activities under the concept of advancing diversity and inclusion. In addition, Hokkaido University is actively supporting to realize a well work-life-balance and is providing ideal environments for those people who would like to show their full potentials. The detail of the activity in Hokkaido University can be found in the following URL: https://diversity.synfoster.hokudai.ac.jp/en/statement_en/

Appendix

1. Initial term of employment is 5 years, and an additional term of employment is limited to an additional 5 years. To qualify for a tenure position, the candidate's performance during employment will be evaluated by the end of the contract term.

2. The Laboratory of Timber Engineering constitutes the Research Group of Forest Science, together with seven other laboratories, namely, Silviculture and Forest Ecology, Ecosystem Management, Earth Surface Processes and Land Management, Forest Policy, Woody Plant Biology, Forest Bioresource Technology, and Wood Chemistry.

3. The successful applicant will partly or fully give the lectures listed below, for which the Laboratory of Timber Engineering is responsible.

(1) Subjects in the Graduate School of Agriculture: Study on Agriculture Science I & II, Seminar on Agriculture Science I & II, Advanced Timber Engineering, Advanced Forest Resources Science and

Advanced Forest Products Science II.

- (2) Subjects in the School of Agriculture: Structural Mechanics I & II, Exercise on Structural Mechanics I & II, Anatomy and Physics of Wood Materials I & II, Wood Based Materials, Introduction to Polymer Science, Introduction to Physics, Laboratory Work on Timber Engineering, Laboratory Work on Anatomy and Physics of Wood Materials, Practical Field Work on Conversion and Engineering of Forest Products, Field Work on Forest Science I & II, International Practical Field Work on Forest Science and Graduation Thesis.
 - (3) Subjects in the General Education: English Seminar “Introduction to Forest Science”, Freshman Seminar “Introduction of Forest Science” and Laboratory Exercise in Natural Sciences.
4. The Laboratory of Timber Engineering is working on quantitative evaluation of mechanical properties of wood and wood-based materials for architectural structures and furniture, based on wood physics and structural mechanics. The laboratory also conducts education and research on the wood processing technology, design methods for timber structures and the evaluation of the resistance of standing trees to strong wind.