

**Position for Associate Professor in the Laboratory of Crop Science,
Research Faculty of Agriculture, Hokkaido University**

February 19th, 2024

We are inviting applications for the position of Associate Professor in the Laboratory of Crop Science, Research Group of Agrobiology and Bioresources, Division of Fundamental Agriscience Research, Research Faculty of Agriculture, Hokkaido University. Please inform potential candidates of the following details on this position.

1. Title of position:

Associate Professor (Employment status: Tenured)

2. Affiliation:

Laboratory of Crop Science, Research Group of Agrobiology and Bioresources, Division of Fundamental Agriscience Research, Research Faculty of Agriculture, Hokkaido University (see Appendix 1).

3. Duties in education:

Lectures, seminar, experimental work, practical training, and exercise courses related to Agrobiology and Bioresources (see Appendix 2).

4. Qualifications:

- (1) Applicants should have a doctoral degree or Ph.D.
- (2) Applicants should possess excellent accomplishments on studies of crop science and cultivation science. Applicants are also required to promote joint research and education with overseas partners on the adaptability and cultivation of food crops (Especially rice, wheat, and maize) to environmental stresses such as drought expected due to global warming. (see Appendix 3).
- (3) Applicants should have the ability to provide research guidance regarding the above subjects for undergraduate and graduate students both in Japanese and in English.
- (4) Applicants must arrive at his/her post on the scheduled date.

5. Application materials:

- (1) Two sets of curriculum vitae*
- (2) Two sets of publication list and biographical data on research activities*
- (3) Two sets of 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) Two sets of reprints or photocopies of all peer-reviewed publications
- (5) Two sets of 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) Two sets of summary of applicant's perspectives on research (either around 800 words in English or around 1,000 characters in Japanese)
- (7) Two sets of the list of two references for the applicant, showing his/her name, institution, position, telephone number, and e-mail address

* Forms of curriculum vitae, publication list, and biographical data on research activities are available at the URL of 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 document will not be returned to the applicant. Applications will not be used for purposes other than this job posting.

6. Deadline for application:

April 1st, 2024

7. Scheduled starting date of employment:

July 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 (Personnel 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 indicate on the envelope "Application for Associate Professor in Crop Science" in red.

9. Contact person:

Prof. Hitoshi Araki, Ph.D.
Research Faculty of Agriculture, Hokkaido University,
Kita 9 Nishi 9, Kita-ku, Sapporo 060-8589, Japan
Tel: +81-11-706-3893, E-mail: arakih@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, etc.:

Monday to Friday • Discretionary work system

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

(4) Health insurance, etc.

- 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:

Hokkaido University

12. 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. The Laboratory of Crop Science constitutes the Research Group of Agrobiology and Bioresources, together with nine other laboratories, namely, Crop Physiology, Plant Pathology, Horticultural Science, Ornamental Plants and Landscape Architecture, Animal Ecology, Systematic Entomology, Plant Genetics and Evolution, Cell Biology and Manipulation, and Pathogen-Plant Interactions.

2. The successful applicant will partly or fully give the lectures listed below, for which the Laboratory of Crop Science is responsible.

(1) Subjects in the Graduate School of Agriculture: Study on Agriculture Science I • II, Seminar on

Agriculture Science I • II, Advanced Botany and Crop Agronomy, Seminar on Advanced Botany and Crop Agronomy, and others.

(2) Subjects in the School of Agriculture: Introduction to Crop Science, Food Crops I • II, Special Course of Agrobiological and Bioresources, Experiment on Agrobiological and Bioresources I • II, Experiment on Biology and Chemistry I • II, Seminar on Agrobiological and Bioresources I • II • III • IV, Graduation Thesis, and others.

(3) Subjects in the general education: Freshman Seminar and others.

3. The Laboratory of Crop Science has conducted theoretical and empirical research and education on the productivity of major food crops in the field. The main subjects are 1) improvement of yielding capacity of food crop in the field, and 2) morphological and physiological study on abiotic stress tolerance of food crop. Recent studies were focused on 1) drought tolerance improvements in wheat, 2) yield improvement of maize under multiple abiotic stresses, and 3) yield improvements in rice varieties developed in high latitude and cool environments.