

**Position for Assistant Professor in the Laboratory of Soil Conservation,  
Research Faculty of Agriculture, Hokkaido University**

**August 10th, 2023**

We are inviting applications for the position of Assistant Professor in the Laboratory of Soil Conservation, Research Group of Bioresource and Environmental Engineering, 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:

Assistant Professor (see Appendix 1).

2. Affiliation:

Laboratory of Soil Conservation, Research Group of Bioresource and Environmental Engineering, 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 Soil Conservation (see Appendix 3).

4. Qualifications:

- (1) Applicants should have a doctoral degree or Ph.D.
- (2) Applicants should possess excellent research achievements about conservation of soil environment from the viewpoints of mass (water, gases, solutes, colloids) and heat transport in soils. (see Appendix 4).
- (3) Applicants should have the ability to provide education and 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 applicant's perspectives on education and (if any) educational activities including those made in English (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 following URL of Hokkaido University.

<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:

September 29th, 2023

7. Scheduled starting date of employment:  
January 1st, 2024

8. Destination of the documents:  
Prof. Dr. Tomohiko Kubo, Chair of the Personnel Committee  
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 Assistant professor in Soil Conservation" in red.

9. Contact person:  
Prof. Dr. Kazunori Iwabuchi  
Research Faculty of Agriculture, Hokkaido University,  
Kita 9 Nishi 9, Kita-ku, Sapporo 060-8589, Japan  
Tel: +81-11-706-4171, E-mail: iwabuchi@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:  
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/](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.
2. The faculty member for this position belongs to the Research Group of Bioresource and Environmental Engineering. The Research Group of Bioresource and Environmental Engineering is currently composed of six laboratories, namely, Land and Water Management, Ecological and Environmental

Physics, Soil Conservation, Vehicle Robotics, Agricultural and Food Process Engineering, and Agricultural Bio-System Engineering.

3. The successful applicant will partly or fully give the lectures listed below, for which the Laboratory of Soil Conservation is responsible.
  - (1) Subjects in the Graduate School of Agriculture: Study on Agriculture Science I·II, Seminar on Agriculture Science I·II, Advanced Regional Environment I, and others.
  - (2) Subjects in the School of Agriculture: Soil Physics, Soil Mechanics, Environmental Agricultural Land Engineering, Training on Surveying, Seminar on Bioresource and Environmental Engineering, Field Training on Bioresource and Environmental Engineering, Laboratory Work on the Instrumentation of Bioresource and Environmental Engineering, Laboratory Work on Bioresource and Environmental Engineering III, Graduation Thesis, and others.
  - (3) Subjects in the general education: Environment and People, and others.
  
4. For the sustainable development of human society, it is necessary to maintain and conserve the healthy state of the material cycles related to soil. The Laboratory of Soil Conservation aims to explore mass transport phenomena in soils and, is conducting researches on the conservation and improvement of soil environments favorable for crop growth, and on the protection for soil, water, and air environments. In addition to these researches, the laboratory is conducting high education and social contribution to establish a healthy material circulation system through soil.