

Application Guideline

The Department of Forest Science is intended to educate engineers who have comprehensive knowledge about management and use of the abundant forest resources in Tohoku district, conservation and management of natural resources, and prevention of disaster.

Our educational program is certified by JABEE (Japan Accreditation Board for Engineering). Students would learn specialized knowledge and techniques related to the natural environment, forestry, and forest products industry. We also provide opportunities to acquire engineering ethics, communication skills, and group work skills that are needed for forest engineers. We commit to develop human resources who have design skills to solve various problems of forest and forest related issues using their specialized knowledge.

1. Number of Vacancies: One Position for Associate Professor of Erosion Control Engineering.

2. Affiliation and Work Location:

(1) Affiliation: Department of Forest Science, Faculty of Agriculture; Disaster Management and Community Development Program in Division of Regional Innovation and Management, Graduate School of Arts and Science.

(2) Work Location: Iwate University, 3-18-8 Ueda, Morioka, Iwate, Japan.

3. Job Description:

(1) Research in Erosion Control Engineering.

(2) Teaching 100-minute classes per week per semester, equivalent to 14 classes per semester primarily to undergraduate students, i.e., Erosion Control, Erosion Control Practicum, Environmental Disaster Prevention, Forest and Snow Hydrology, Forest Surveying 1, Forest Surveying Practicum 1, Introduction to Forestry (division of roles), Exercises in Basic Forestry (division of roles): to graduate students, i.e., Advanced Erosion and Sediment Control Engineering, Advanced Regional Disaster Prevention (division of roles), Local Community Internship (division of roles), Global Communication (division of roles), Outreach Seminar (division of roles), Comprehensive Seminar on Local and Community Design (division of roles).

(3) Curriculum development, and teaching materials development.

(4) Administrative/management duties, including entrance examinations.

(5) Possible future opportunities to teach undergraduate/graduate content courses.

(6) Ability to conduct above duties in Japanese.

4. Qualification Requirement:

(1) Applicants must have a PhD degree.

(2) Those who have produced many outstanding scientific achievements, especially in the study of

the mechanism of occurrence of natural disasters caused by heavy rain, landslide, sediment move, earth quake, tsunami, volcanic eruption, and snow avalanche to improve disaster management skills, in addition to improve its education and research functions in Erosion Control Engineering.

- (3) Those who contribute to the local community including training of the foresters.
- (4) Those who positively participate to the management of the faculty and the graduate school.
- (5) Ability to conduct above duties in Japanese.

5. Start of Appointment: September 1, 2023

6. Application Documents:

- (1) A full curriculum vitae.
- (2) A list of research and teaching achievements. Publications must be labeled as refereed or non-refereed.
- (3) Copies of five major research publications (Mark the corresponding items in the list.)
- (4) Statement of aspiration for research and teaching (approx. 1000 words in English and 2000 characters in Japanese).
- (5) Photocopy of highest degree certificate.
- (6) Two references (names and e-mail addresses)

*The submitted documents shall be used solely for the purpose of this selection.

7. Deadline for Receipt: May 8, 2023.

8. Address and Contact:

- (1) Address: Prof. Kazuhiko MASAKA, Department of Forest Science, Faculty of Agriculture, Iwate University, 3-18-8 Ueda, Morioka, Iwate 020 8550, Japan.

*Submission via E-mail is acceptable in the case of overseas residence.

*Documents submitted will not be returned.

- (2) Contact: For all queries, contact the Search Committee Chair Prof. Kazuhiko MASAKA at: masaka@iwate-u.ac.jp

9. Selection Process:

- (1) After the first stage of reviewing the application materials, shortlisted candidates may be invited for an interview (either in person or online).
- (2) You may be asked to give a demo lesson during the interview.
- (3) No travel expenses for the interview will be borne by Iwate University.
- (4) After the final selection has been made, applicants will be informed of the result via email.

10. Others

- (1) URL of homepage of Department of Forest Science:

<http://news7a1.atm.iwate-u.ac.jp/~forest/>

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