



ILTS January 2026

Institute of Low Temperature Science

Hokkaido University



北海道大学
HOKKAIDO UNIVERSITY

Position announcement

An Assistant Professor position in the Frontier Ice and Snow Science Division of the Institute of Low Temperature Science (ILTS) is now open. ILTS, an inter-university research institute affiliated with Hokkaido University, promotes interdisciplinary studies on various natural phenomena occurring in the cryosphere. The Frontier Ice and Snow Science Division pursues comprehensive understanding of the planetary and terrestrial phenomena on the basis of ice and snow sciences. This Division also opens the way for new, innovative research on environmental, physical and chemical issues related to ice and snow.

The successful applicant should have demonstrated abilities to be an excellent researcher and have high research productivity with the potential to lead new and innovative research programs. This includes publishing results regularly in high-impact journals and actively seeking funding in support of research. He or she is expected to conduct **physicochemical studies of ice and related materials at very low temperatures by experimental methods with their applications to earth and planetary sciences and astronomy**. The applicant is expected to understand the role of the inter-university activity of ILTS. He or she is required to carry out education-related duties in the Graduate School of Science in Hokkaido University and supervise graduate students. He or she should have a PhD, or be expected to obtain a PhD degree by March 2026. He or she is competent enough to teach at the university level in Japanese and/or English. The conditions of employment, such as the duration, will follow University regulations, and the starting date should be the earliest possible date. The term of contract is 5 years. A performance evaluation will be conducted, and a successful employee can be tenured.

1. Name of Recruiting Institution

Hokkaido University

2.Division

(After hiring)

Frontier Ice and Snow Science Division of ILTS

(Possibility of change)

Location as determined by the University

3.Research Fields and Responsibilities

(After hiring)

The Frontier Ice and Snow Science Division pursues comprehensive understanding of the planetary and terrestrial phenomena on the basis of ice and snow sciences. This Division also opens the way for new, innovative research on environmental, physical and chemical issues related to ice and snow.

We seek candidates who are willing to conduct physicochemical studies of ice and related materials under very low temperatures by experimental methods and their applications to earth and planetary sciences and astronomy.

Candidates are required to carry out education-related duties in the Graduate School of Science in Hokkaido University and supervise graduate students.

(Possibility of change)

Duties as determined by the University.

4. Probation Period

The probation period is three months

5. Salary

The salary will be determined in accordance with the regulations of Hokkaido University.

6. Working Form

Discretionary labor system for professional work based on the employee's agreement or fixed working hours system.

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

7. Health Insurance

The Ministry of Education, Culture, Sports, Science and Technology
Mutual Aid Association, Employees Pension, Workers' Accident
Compensation Insurance and Employment Insurance

8. Measures to Prevent Second-hand Smoke

Smoking in designated areas only

9. Application Materials

- a) Curriculum Vitae: Free format with an attached photo taken within six months, your address, your complete academic career including your history of both teaching and research, your degrees, and your awards, ORCID iD and so on
- b) Publication list: classify these into original papers published in peer-reviewed journals, review papers, books, and other publications
- c) List of major research funds
- d) List of activities in international and domestic societies, including committee activities and the invited presentations at the conferences
- e) Outline and results of past research (2-3 pages of A4 paper)
- f) Plans and perspective of research and education (2-3 pages of A4 paper)
- g) Names of two references (You may attach recommendation letters)
- h) Copies of your significant publications: limit those to five and clearly reference them by labels on your publication list

10. Application Deadline

Monday, March 2, 2026 (JST)

*The deadline must be strictly observed.

11. Application

Application materials must be submitted by e-mail to:

koubo_astro*at*lowtem.hokudai.ac.jp (replace *at* by @)

with a subject line should be "Application for Assistant Professor in the Frontier Ice and Snow Science Division".

Application materials a) through g) and h) should be saved as two separate PDF files, respectively. The file names should be "Document1_Applicant's Name" for a)-g) and "Document2_Name of Applicant" for h), respectively. The total size of the above two files should be less than 10 MB.

*We will notify you via e-mail upon receipt of your electronic application within 3 business days.

Information about our organization is on the web-site

(<https://www2.lowtem.hokudai.ac.jp/en/index.html>).

Direct inquiries are possible to Professor Naoki Watanabe,

E-mail: watanabe*at*lowtem.hokudai.ac.jp (replace *at* by @)

Note 1: ILTS will use the submitted documents only for the selection procedure. After the selection, all submitted documents will be destroyed by ILTS except for those of the selected candidate. ILTS will not return the documents to applicants.

Note 2: At Hokkaido University, we are actively promoting both education and research activities while relying on diverse human resources and gender equality. Therefore, we explicitly invite women qualified in research field to apply. We are also actively supporting a satisfying work-life-balance and are thus creating ideal environments for people to reach their full potentials.