

Hiroshima University will establish the "Research Institute for Ocean and Maritime Futures" in FY2025 as a new university-wide research organization to contribute to strengthening international governance and sustainable development in the marine and maritime fields in response to climate change and ocean transformation (OX).

This institute aims to: ① conduct interdisciplinary research on marine governance, ② cultivate international marine human resources through collaboration with institutions such as the World Maritime University (WMU), and ③ implement research in society through international industry-academia-government collaboration. Furthermore, in FY2026, the institute will establish the "Ocean Remote Sensing Technology Center" to deepen foundational technologies for marine DX, and in FY2027, it plans to establish the "Institute for Practical Sciences in Marine and Maritime Affairs (tentative name)," an interdisciplinary graduate school in the marine and maritime fields. Through these efforts, the institute will create a new international marine and maritime education and research hub in the Seto Inland Sea region, centered around Kure City.

To achieve this, the Institute for the Future of Ocean and Maritime Affairs is internationally recruiting specially appointed faculty members to lead research and educational activities that combine interdisciplinary, international, and practical aspects.

Shinji Kaneko,
Executive Director and Vice President (Globalization) of Hiroshima University

Date: September 9, 2026

To Whom It May Concern,

Notice of Open Faculty Position at Hiroshima University

Hiroshima University is a comprehensive research university established in 1949 in Hiroshima, the site of the world's first atomic bombing. Currently home to approximately 15,000 students, the university promotes educational and research activities aimed at realizing a sustainable society, guided by the principle of "the pursuit of peace." It ranks among the top universities in Japan in the Times Higher Education (THE) Asia University Rankings and has recently been recognized as one of the nation's leaders in terms of the rate of improvement in research scores.

Hiroshima University is promoting the university-wide strategy "President 5 Initiatives for Peace Sciences," which aims to solve global challenges and realize a peaceful and sustainable society. As a key project within this initiative, the university will establish the "Research Institute for Ocean and Maritime Futures" in fiscal year 2025. This institute will conduct interdisciplinary research integrating science and technology, policy, legal systems, and human resource development in the ocean and maritime fields, while also working to establish a hub that leads the way in ocean governance and sustainable ocean use in Asia.

As a core component of this initiative, we will establish the "Ocean Remote Sensing Technology Center" in fiscal year 2026. This center is a pioneering global research and education hub that integrates data from space, the ocean, and the maritime sector. Specifically, it aims to realize a digital twin of the ocean by fusing satellite, ship-based, and ocean observation data with AI and data assimilation technologies.

The priority research areas are:

- * Maritime Safety and Security (vessel operations, safety management, and maritime cybersecurity)
- * Climate and Ocean Resilience (climate change countermeasures, extreme weather, and severe wave countermeasures)
- * Marine Environment Monitoring
- * Marine Resources and Energy Management

In addition to interdisciplinary research spanning marine science, engineering, information science, and social sciences, the Center actively promotes international

collaborative research focused on the Asia-Pacific region, as well as partnerships among industry, academia, and government.

Hiroshima University is now accepting international applications for a Specially Appointed Faculty Member to lead the Center's initial phase. The successful candidate will conduct research on ship and offshore structure detection methods using microwave remote sensing technologies (such as Synthetic Aperture Radar, or "SAR"), radar analysis, digital twins, data science, and safe navigation of ships, and will also be responsible for teaching in a new graduate program scheduled to begin in the 2027 academic year.

We welcome applications from motivated researchers who are eager to tackle global ocean challenges and lead the next generation in the marine and maritime fields.

Hidemi Mutsuda, Director, Hiroshima University
Research Institute for Ocean and Maritime Futures

Faculty Open Position(s)

1. Affiliation (Appointment)

Academy of Hiroshima University (Research Institute for Ocean and Maritime Futures)

2. Work location

Kure City, Hiroshima Prefecture; other places of employment designated by the university.

3. Position(s) and the number of opening(s)

Specially Appointed Professor, Specially Appointed Associate Professor or Specially Appointed Assistant Professor, one (1), (Full-time contract employee)

*The position will be determined based on a review of the candidate's achievements at the time of appointment.

4. Commencing date of employment

April 1, 2027

5. Terms of employment

From the date of employment until March 31, 2030

(1) However, if you have a history of employment at Hiroshima University since April 1, 2013, the period will be adjusted to take that period into consideration.

(2) There will be no renewal of the employment period.

(3) In accordance with Article 15-2 of the Act on the Promotion of Science, Technology and Innovation, the period until the right to apply for conversion to an indefinite-term contract as stipulated in Article 18, Paragraph 1 of the Labor Contract Act arises will be 10 years.

6. Planned responsibilities

(Immediately after hiring)

(1) Duties related to research in "7. Field of specialization".

(2) Duties related to teaching the scheduled courses and supervising graduate and undergraduate students under "8. Teaching responsibilities".

(3) Duties related to the administration and management of the entire university, graduate schools, faculties, centers, etc. (participation in various meetings, activities as a member of various committees, etc.).

(4) Duties related to student admissions (exam supervision, question creation, grading, interviewers, etc.).

- (5) Other duties as directed by the head of the educational and research organization.

(Scope of changes)

Tasks determined by the university.

7. Field of specialization

Ocean remote sensing field (particularly SAR, ship/marine radar analysis, and related fields)

8. Teaching responsibilities

The following courses are scheduled to be taught.:

- (1) Undergraduate level (general education courses): Introductory Seminar for First-Year Students (J/E), etc.
- (2) Undergraduate level (discipline specific courses): Remote sensing (J/E), etc.
- (3) Graduate level (master's programs): Advanced Ocean Remote Sensing Engineering (E), Special Exercises on Maritime and Marine Science (E), Seminar on Master Thesis (E), etc.
- (4) Graduate level (doctoral programs): Special Study on Maritime and Marine Science (E), etc.
- (5) In addition to the above, you may also be assigned to teach general education courses, specialized courses in other undergraduate and graduate programs, and university-wide initiatives.

Note:

Graduate level courses are offered by the Graduate School of Maritime and Marine Science which is scheduled to open in the 2027.

The subjects you are responsible for may be changed or added.

9. Qualifications

Applicants must satisfy all of the following requirements:

- (1) Hold a doctorate or an equivalent degree by the time the appointment begins
- (2) Be able to supervise doctoral students in preparation of doctoral dissertations
- (3) Experience supervising graduate students in master's and/or doctoral programs in thesis/dissertation preparation (preferred)
- (4) Be able to teach classes and supervise students in English

Note:

It is preferable that candidates be able to communicate in Japanese for administrative matters, collaboration among faculty members, and other purposes.

10. Application materials required

- (1) Resume (Use Form 1 / Please remember to attach your photo on the CV)
If you have a history of being employed by Hiroshima University (as a TA, RA, researcher, etc.) in the past five years, be sure to state all positions you have held.
- (2) List of publications and oral presentations (Number each publication/presentation, and underline the numbers of refereed articles. Affix an asterisk (*) to the numbers of your five major publications or presentations.) (Use Form 2)
- (3) Five major publications or presentations (Reprints, photocopies, or books)
- (4) Major educational activities and teaching experience
- (5) Major social contributions
- (6) Major Achievements Related to International Collaboration (such as joint research with overseas universities and research institutions)
- (7) Major activities in university/institutional management and administration
- (8) List of acquired external funding over the last five years (Use Form2)
- (9) Statement of intent (Please describe your interests in teaching and research as well as your mid- to long-term research plan in approximately 1,000-1,200 words, should you take this position.)
- (10) Your Researcher ID or ORCID information (Use Form 1)
N.B. The ID above or ORCID information can be confirmed from Clarivate Analytics or ORCID website.

11. Application deadline

All application materials must reach us by [5:00 pm on Day of week, November 9, 2026 (Japan time)].

12. Please send all application documents to the following address

E-mail: gakujutu-ssoumu[at]office.hiroshima-u.ac.jp (please replace “[at]” with “@”)

* Please save the files in cloud system etc. Then, send an email indicating the link in the body of the document.

* Please send an e-mail titled “Application documents_Ocean remote sensing field _[your name]”

* If you do not receive a receipt mail in three day, please contact us.

13. Selection procedure

- (1) Selection will be made based on all application documents submitted.
- (2) Interviews will be conducted as needed. As a general rule, we will conduct simulated lessons in English. In such cases, please note that travel expenses will be the responsibility of the applicant. Applicants who pass the initial document review will be informed of interview date, time and format.
- (3) Hiroshima University promotes a gender-equal society in accordance with the

legislative intent of the Basic Law for a Gender-Equal Society.

14. Employment status

- (1) If you are agreeable to the application of the Discretionary Labor System for Professional Work, you are deemed to work for 7 hours and 45 minutes a day and 38 hours and 45 minutes a week. If not, working hours are from 8:30 to 17:00 (from Monday to Friday) and break time is from 12:00 to 12:45.
- (2) Workdays are from Monday to Friday (excluding public holidays) in principle.
- (3) Holidays are Saturdays, Sundays and public holidays in principle.

15. Salary, etc.

- (1) The annual salary system will be applied to the successful candidates.
- (2) Successful candidates may be reimbursed for travel expenses incurred for the trip from their home or former place of work to the new place of work to assume their post in accordance with the relevant regulations of Hiroshima University. For more information, please contact us.

※Hiroshima University has introduced a system whereby researchers' personnel expenses are paid out of direct expenses such as competitive research grants and joint research grants, and the obtained research financial resources can be used to improve the treatment of researchers themselves (additional Salary) and to improve the research environment.

16. Employer

Hiroshima University

17. Miscellaneous

- (1) Probationary employment period: six (6) months
- (2) Personal information obtained from application documents will not be used or provided to any third party for purposes other than the necessary procedures related to personnel affairs, salary, and welfare. Application documents of applicants whom we have decided not to employ will be returned to those applicants in an appropriate manner, after the completion of relevant selection processes.
- (3) All the faculty members of Hiroshima University belong to the "Academy", which is the single university-wide faculty organization, and each faculty as a member of the Academy of the University is appointed to educational and/or research organizations such as an individual undergraduate school, graduate school, research center and institute.

- (4) Faculty members may also be assigned to teaching and/or research activities in other organizations of Hiroshima University and university-wide projects.
- (5) HU provides other employment information (research job, desk job and etc.).
If your spouse wishes to work for HU, please refer to the following URL link.
employment information: <https://www.hiroshima-u.ac.jp/en/employment/>
- (6) Hiroshima University has been entirely smoke-free from January 2020.

19. Contact

Department of Research and Academia-Government-Community Collaboration
Support, Hiroshima University

E-mail: `gakujutu-ssoumu[at]office.hiroshima-u.ac.jp`

(please replace “[at]” with “@”)