



**Associate Professor, Lecturer, or Assistant Professor Position
in the Marine Core Research Institute (MaCRI), Kochi University**

The Marine Core Research Institute (MaCRI) is now inviting applications for the position of tenured Associate Professor, Lecturer or Assistant Professor in the field of Drilling Earth Science. We would appreciate your bringing this announcement to the attention of your colleagues and encouraging suitable candidates to apply.

1. The positions:

Assistant Professor, Lecturer or Associate Professor (tenure position)

2. Institution:

The Marine Core Research Institute (<http://www.kochi-u.ac.jp/marine-core/en/>), Kochi University (www.kochi-u.ac.jp/english/). The Institute jointly manages Kochi Core Center (KCC; <http://www.kochi-core.jp/en/>), one of the three International Ocean Discovery Program (IODP) core repositories, with the Japan Agency for Marine-Earth Science and Technology (JAMSTEC).

3. Research field:

Drilling Earth Science, and related Data Science.

4. Point of Acceptance:

The Marine Core Research Institute (MaCRI) promotes Drilling Earth Science research by making its facilities and equipment available for joint use and collaboration to researchers and students from related communities as a 'Joint-Usage/Research Center for Drilling Earth Science' (*1). The International Joint Research Promotion Unit established at MaCRI promotes research and support activities in related communities. In April 2024, the Core DX Promotion Section was newly established in the Unit to promote and support the digitization of repository cores and joint use and research utilizing digital data, etc. (*2).

We are now recruiting a faculty member to be mainly in charge of the 'Core DX Promotion Section'. The successful candidate will lead core sample analysis utilizing digital images (X-ray CT, core cross-sectional photographs) and analysis data (magnetic susceptibility, density, geochemical composition, etc.) obtained by non-destructive measurement, as well as the construction and publication of a database of such data, for IODP legacy cores and other academic-based cores stored at the Institute and will be responsible for supporting community research. The candidate should be able to lead the development and publication of core sample analyses and databases, and promote the strengthening of the community's research support system. Furthermore, we seek individuals who are motivated to develop new research fields and generate results by combining research methods that utilize their own specialization with AI technology and big data analysis. We are also looking for people who will actively

promote and support the International Ocean Drilling Programme (IODP³), which will start in 2025.

In addition, the successful candidate will not only understand the role of the Institute and be actively involved in its operation, but will also be responsible for the maintenance and management of the facilities owned by the Institute and promote joint use and research. In addition, you will be involved in education in the Faculty of Science and Technology, the Faculty of Agriculture and Marine Science, and related graduate schools, and participate and cooperate in university-wide research and education programs in collaboration with Kochi University faculty members.

Kochi University has established the Office for the Promotion of Gender Equality, and welcomes applications from female researchers for the position. The Institute aims to strengthen its functions as an international joint research center and welcomes applications from non-Japanese researchers.

*1 For information on joint use/joint research and main facilities, please refer to "Joint Use/Joint Research" on the Institute's website. (<https://www.kochi-u.ac.jp/marine-core/share/national.html>).

*2 For information on the Core DX Promotion Section, please refer to the following website. (<https://www.kochi-u.ac.jp/marine-core/en/about/reorg.html>)

5. Job starting date: As soon as possible after January 1, 2025

6. Qualifications:

Applicants are required to have been awarded or expected to have a doctoral degree in relevant research fields by the date of employment. Applicants are welcome to communicate with students and conduct administrative business in Japanese.

7. Documents to be submitted:

- 1) Cover letter (include (1) name, (2) date of birth, (3) degree, (4) area of specialization, (5) affiliation and position, (6) affiliation address and phone number, (7) current address and phone number, (8) email address.)
- 2) Curriculum vitae with a photograph of applicant.
- 3) List of the applicant's research achievements (Please categorize into (1) Dissertations, (2) Original papers (refereed), (3) Original papers (non-refereed), (4) Others (invited presentations, awards, mass media reports, etc.)
- 4) Three most cited papers
- 5) Achievements in awarded research funds (Name, year, representative/assigned, title of proposal, and amount of money)
- 6) Outline of the applicant's research and education achievements (approximately 500 words)
- 7) Plans for future research (approximately 500 words)
- 8) Aspirations for contributing to the community and education as a Joint Usage/Research Center (approximately 500 words)

9) Names and contact details of two persons who can reference the applicant

10) Other information (onboard experience on research vessels, participation in international research program, etc.)

*Application materials will not be returned after the selection process unless requested.

*Documents 1) to 10) can also be submitted as a single PDF file attached to an email. In this case, please be sure to contact the person in charge of office procedures (see contact details below) by the deadline to confirm the receipt of application documents. If you have letters of recommendation, please arrange for the recommenders to submit them directly to the person in charge of office procedures via e-mail attachment or by mail.

8. Closing date for application: September 3, 2024, 12:00 JST.

9. Selection process:

Submitted material will be evaluated by a selection committee, and shortlisted candidates will be invited for an interview at the Kochi University or via Microsoft Teams. Interview may be planned in late September, 2024. Please note that any travel expenses will not be reimbursed. The results of the screening will be notified to the individual by email as soon as the selection process is completed.

10. Salary:

The salary will be determined based on the successful candidate's experiences as stipulated in the regulations of Kochi University. The probationary period is six months.

11. Applications should be forwarded to:

Marine Core Research Institute, Kochi University

B200 Monobe, Nankoku, Kochi, 783-8502, Japan

(Please write on the envelope in red "Application for Faculty Position in Marine Core Research Institute" and send by certified mail.)

12. For inquiries, please contact:

1) Matters related to research and duties

Director, Prof. Yuji Sano

E-mail: yuji.sano@kochi-u.ac.jp

2) Matters related to office procedures

Mr. Yasuoka, Administration Office in Marine Core Research Institute, Kochi University

FAX: 81-(0)88-864-6713

E-mail: kk21@kochi-u.ac.jp

13. Others:

Applicants' personal information will be used only for this selection process and will not be used for any other purpose.