

**Application Form for
Joint Use (A) and Joint Research (B: Equipment Usage)
Joint Usage/Research Center for Drilling Earth Science (JURC-DES)
Marine Core Research Institute, Kochi University**

Submission DATE (DD/MM/YYYY):

1 Applicant Information

1. Name:
2. Gender: Select one item from the right Male Female Prefer not to say
3. Affiliation:
4. Job Title/School Year:
5. Age: Select one item 35 y.o. and younger 36 - 39 y.o. 40 y.o. and older
6. ORCID iD*2:
7. Mailing Address: 〒
8. TEL:
9. Email*3:

If the applicant is a graduate student, please provide supervisor's info. in the following:

10. Supervisor's Name:
11. Affiliation and Job Title:
12. ORCID iD*2:
13. Email:

*1: Please refrain from abbreviating the affiliation. *2: If ORCID iD has not been obtained, please leave it blank.

*3: Upon selection of the application, the email address will be registered for contact from the Secretariat.

2. Applicant's Details

Categories:

- A_Joint Use AY_Joint Use (Early Career)
 B_Joint Research (Equipment Usage) BY_Joint Research (Equipment Usage, Early Career)

Periods: First Semester Second Semester First and Second Semesters

Continuation: New Project Continuous Project*

*Please select "continuous" when the application under the same research title from the previous one.

RESEARCH FIELDS (Select one item from the following)

1. Research projects on Drilling Earth Science regarding IODP and ICDP
 2. Research projects on Drilling Earth Science NOT regarding IODP and ICDP
 3. Basic research on Earth Planetary Science
 4. Research projects on submarine energy and mineral resource
 5. Interdisciplinary research covering Earth Planetary Science and Life Science

RESEARCH TITLE:

StyleAB1-1	Name	Reg. # *Secretariat Use	Approv. # *Secretariat Use	Person in charge *Secretariat Use
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Co-investigator from MaCRI (Primary Investigator)

Name (Given, FAMILY):

His/Her Role:

*B and BY application must need this information

*Please write researcher's name other than primary investigator in the following table

Research Team (Each role of the applicants and co-investigators) *1

	Name/ Affiliation/ Job Title or Academic Year	Gender	*2	*3	Roles
1	Applicant				
2			<input type="checkbox"/>	<input type="checkbox"/>	
3			<input type="checkbox"/>	<input type="checkbox"/>	
4			<input type="checkbox"/>	<input type="checkbox"/>	
5			<input type="checkbox"/>	<input type="checkbox"/>	
6			<input type="checkbox"/>	<input type="checkbox"/>	
7			<input type="checkbox"/>	<input type="checkbox"/>	

*1: Please provide the names of individuals who use the MaCRI's facilities. If the number is exceeded 7, please create additional section. If there is a need to modify the number of users, please consult with the persons in charge and submit a change request to the secretariat.

*2: Please check the box if 35 years old and younger as of April 1, 2024

*3: Please check the box if between 36 and 39 years old as of April 1, 2024.

3. Equipment and Facilities

If Equipment is not on the following list on the next page, please check the box of #40 and visit the URL below:

https://www.kochi-u.ac.jp/marine-core/en/share/pdf/facilities_en.pdf

*1: Please consult with the person in charge before you apply.

*2: Please follow application procedures for using RI/X ray analyzing equipment if the applicant or co-investigators operate it.

StyleAB1-2	Name	Reg. # *Secretariat Use	Approv. # *Secretariat Use	Person in charge *Secretariat Use
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	Frequently Used Equipment ※=RI/X-ray analyzing Equipment	Operatable	Room
①	<input type="checkbox"/> Sampling Desk	<input type="checkbox"/>	Sampling Room
②	<input type="checkbox"/> Multi Sensor Core Logger (MSCL-S) ※	<input type="checkbox"/>	Core Logging Lab.
③	<input type="checkbox"/> X-ray CT Scanner※	<input type="checkbox"/>	
④	<input type="checkbox"/> XRF Core Scanner (TATSCAN) ※	<input type="checkbox"/>	
⑤	<input type="checkbox"/> X-Ray Diffractometer (XRD) ※	<input type="checkbox"/>	X-ray & SEM Lab.
⑥	<input type="checkbox"/> X-ray Fluorescence Spectrometer (XRF) ※	<input type="checkbox"/>	Geochemistry Lab.
⑦	<input type="checkbox"/> Micro-Focus X-ray CT Scanner (Xradia) ※	<input type="checkbox"/>	
⑧	<input type="checkbox"/> XRF Core Scanner (ITRAX) ※	<input type="checkbox"/>	Core Logging Lab.
⑨	<input type="checkbox"/> Core Image Scanner (Core Scanner)	<input type="checkbox"/>	
⑩	<input type="checkbox"/> Bead Sampler (Desktop)	<input type="checkbox"/>	Rock Processing Lab.
⑪	<input type="checkbox"/> Muffle Furnace	<input type="checkbox"/>	
⑫	<input type="checkbox"/> Lapidary/Lapping Machines (Horizontal Lapidary Machine, Lapping Machines for Thin Sections)	<input type="checkbox"/>	Rock Cutting Lab.
⑬	<input type="checkbox"/> Diamond Cut Saw for Rock Samples	<input type="checkbox"/>	
⑭	<input type="checkbox"/> Pass-through Superconducting Rock Magnetometer for U-Channel Samples	<input type="checkbox"/>	Paleo & Rock Magnetism Lab.
⑮	<input type="checkbox"/> Superconducting Rock Magnetometer for Discrete Samples	<input type="checkbox"/>	
⑯	<input type="checkbox"/> Thermal Demagnetizer	<input type="checkbox"/>	
⑰	<input type="checkbox"/> Alternating Field (AF) Demagnetizer	<input type="checkbox"/>	
⑱	<input type="checkbox"/> Spinner Magnetometer	<input type="checkbox"/>	
⑲	<input type="checkbox"/> Magnetic Balance	<input type="checkbox"/>	
⑳	<input type="checkbox"/> Magnetic Property Measurement System (MPMS)	<input type="checkbox"/>	
㉑	<input type="checkbox"/> Vibrating Sample Magnetometer (VSM)	<input type="checkbox"/>	
㉒	<input type="checkbox"/> Pulse Magnetizer	<input type="checkbox"/>	
㉓	<input type="checkbox"/> Alternating Gradient Magnetometer (AGM)	<input type="checkbox"/>	
㉔	<input type="checkbox"/> Three Frequency Kappabridge for Measurements of Magnetic Susceptibility	<input type="checkbox"/>	
㉕	<input type="checkbox"/> Pentapycnometer	<input type="checkbox"/>	Sedimentology Lab.
㉖	<input type="checkbox"/> Isotope Ratio Mass Spectrometer (MAT253)	<input type="checkbox"/>	Inorganic Geochemistry Lab.
㉗	<input type="checkbox"/> Stable Isotope Analysis (IsoPrime)	<input type="checkbox"/>	
㉘	<input type="checkbox"/> Laser Diffraction Particle Size Analysis	<input type="checkbox"/>	Organic Geochemistry Lab.
㉙	<input type="checkbox"/> Gas Chromatograph (GC)	<input type="checkbox"/>	
㉚	<input type="checkbox"/> Organic Elemental Analyzer (Flash EA)	<input type="checkbox"/>	
㉛	<input type="checkbox"/> High-Speed Solvent Extraction Device (ASE)	<input type="checkbox"/>	
㉜	<input type="checkbox"/> High-Speed Concentration Device (Turbo Vap)	<input type="checkbox"/>	
㉝	<input type="checkbox"/> Gas Chromatograph/Mass Spectrometer with Therman Desorption Equipment (GC-MSD)	<input type="checkbox"/>	
㉞	<input type="checkbox"/> Elemental Analyzer/Isotope Ratio Mass Spectrometer (EA-IRMS)	<input type="checkbox"/>	X-Ray & SEM Lab.
㉟	<input type="checkbox"/> Field-Emission Scanning Electron Microscope (FE-SEM)	<input type="checkbox"/>	
㊱	<input type="checkbox"/> Electron Probe Microanalyzer (EPMA)	<input type="checkbox"/>	Spectrochemical Analysis Lab.
㊲	<input type="checkbox"/> Double-Focusing High Resolution ICP Multi-Collector Mass Spectrometer	<input type="checkbox"/>	ICP-MS Lab.
㊳	<input type="checkbox"/> Quadrupole Inductively Coupled Plasma Mass Spectrometer	<input type="checkbox"/>	
㊴	<input type="checkbox"/> Core Splitter	<input type="checkbox"/>	Machine Shop
㊵	<input type="checkbox"/> Other Equipment () *Write applicants operate the equipment or not.		

Select the persons below applicants have consulted with for this application:

<input type="checkbox"/> Minoru IKEHARA	<input type="checkbox"/> Masao IWAI	<input type="checkbox"/> Yurika UJIIE
<input type="checkbox"/> Tadaharu UEDA	<input type="checkbox"/> Kei OKAMURA	<input type="checkbox"/> Yoshiro NISHIO
<input type="checkbox"/> Masafumi MURAYAMA	<input type="checkbox"/> Takuya MATSUZAKI	

StyleAB1-3	Name	Reg. # *Secretariat Use	Approv. # *Secretariat Use	Person in charge *Secretariat Use
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6. Research Project

Research Implications, Goal, Originality, and Expected Results

*If this is a continuous research project, please also provide the achievements or progress made in the previous projects.

How does this application contribute to achieve the above goal?

*Please write it in accordance with equipment selected in Section 3 "Equipment and Facilities."

7. Travel Expenses (Only applicants for AY (Early Career) and BY (Early Career) write this part.

Need Travel Expense Supports No Yes (Only an applicant is eligible)

Details of travel expenses

StyleAB1-5	Name	Reg. # *Secretariat Use	Approv. # *Secretariat Use	Person in charge *Secretariat Use
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8. Related Information to the Application or Research Achievements (FY2019-FY2023)

Research papers relating to this application, published by applicant or co-investigators (within 3 papers) If no papers relating to this application, provide other achievements (within 3 papers)

Usage History of Joint Use/Research Programs for the Past 5 years

Has the applicant conducted JURC-DES approved research projects before? Yes No

<Research Title(s) Selected: Provide five titles from the latest>

	Approved Number	Research Title
1		
2		
3		
4		
5		

<Research Achievements>

Please provide the research achievements (papers, reviews, oral presentations, BA thesis, MA thesis, or Doctoral thesis) that have been published as a result of past research projects approved by JURC-DES:

*Since the research achievements will be subjected to evaluation for selection, please provide the precise information.

Already submitted all published research achievements to the Secretariat

_____ paper(s) mentioning the approved number in the acknowledgement

_____ paper(s) NOT mentioning the approved number in the acknowledgement

*Only research papers that mention the approved number in its acknowledgment will be counted as JURC-DES achievements.

Not submitted yet (Please submit "**Registration Form of Research Results**" to the Secretariat immediately)

No research achievements published so far at this moment

JURC-DES Research Meeting Participation Experiences (Please select all that apply from the following)

FY2019 FY2020 FY2021 FY2022 FY2023

*Selected applicants are encouraged to present their research findings at the JURC-DES Research Meeting, will be held at MaCRI at the end of every fiscal year

Research Projects funded by other grants-in-aids

*Please provide if you apply other competitive research funds such as Grant-in-Aid for Scientific Research, or *KAKENHI* and its results.

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Has the applicant participated in Core School before?

Basic Core Analysis Course Core Isotope Analysis Course Paleomagnetism Course

Other (_____ Course) Not Participated so far

StyleAB1-6	Name	Reg. # *Secretariat Use	Approv. # *Secretariat Use	Person in charge	*Secretariat Use
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