



2020 Africa-Japan Collaborative Research (“AJ-CORE”) on Environmental Science Joint Proposal Form

Note

Please fill all sections of this document, add the required attachments, and **submit as one PDF file** before the deadline, **Monday, 30 March 2020 at 09:00 (SAST)/ 16:00 (JST)**. All proposals must be written in English.

For our process, it is advised that the name of the file be; < **AJ-CORE_ (acronym of the proposal)** >

The Japanese PI must submit joint proposal to JST through the National Online Submission System at (<https://www.e-rad.go.jp/>).

The South African PI must submit an identical application to the NRF through the NRF Online Submission System at (<https://nrfs submission.nrf.ac.za/>).

South African applicants are advised to consult the NRF General Application Guide 2021 available at <https://www.nrf.ac.za/funding/framework-documents/funding-framework-documents> for further details on how to apply for this opportunity (and for making use of the NRF Online Submission System).

*Please fill appropriate text in the place shown in *blue italics*.

*If 4th(>) African country joins, please create additional columns/pages accordingly.

*Please delete unnecessary columns/pages depending on the proposal. e.g.) absence of 4th African country, Associated Partners, absent roles of “Co-PI” or “others”.

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Part.1 General information

1. Title of the collaboration project
2. Acronym of the collaboration project
3. contribution to SDGs

Please check(replace to) which of the following the proposed research will fit into:

<input type="checkbox"/> SDG #2	End hunger, achieve food security and improved nutrition and promote sustainable agriculture
<input type="checkbox"/> SDG #3	Ensure healthy lives and promote well-being for all at all ages
<input type="checkbox"/> SDG #6	Ensure availability and sustainable management of water and sanitation for all
<input type="checkbox"/> SDG #7	Ensure access to affordable, reliable, sustainable and modern energy for all
<input type="checkbox"/> SDG #11	Make cities and human settlements inclusive, safe, resilient and sustainable
<input type="checkbox"/> SDG #12	Ensure sustainable consumption and production patterns
<input type="checkbox"/> SDG #13	Take urgent action to combat climate change and its impacts
<input type="checkbox"/> SDG #14	Conserve and sustainably use the oceans, seas and marine resources for sustainable development
<input type="checkbox"/> SDG #15	Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

*You may select multiple goals.

4. Key words (maximum 5)
5. Publishable summary of research project (50-60 words)
6. Budget overview for whole duration (3 fiscal years) ‡: required **: required if any
 - *1 Indicate "Role" in the following order: Principal Investigator (PI), co-Principal Investigator (Co-PI) or other.
 - *2 exchange rate 1 USD = 15.4 ZAR, 1 USD = 106 JPY
 - *3 Please indicate "New", "In-Kind", "re-budgeting" or "Other".

Re-budgeting: If researcher have already received funds from own country's funding agency and want to reallocate from one spending category to a proposed project.

Country	Role in project *1	Name (Given, Family)	budget in USD *2	Fund *3
South Africa	PI ‡			NEW (NRF)
	Co-PI			NEW (NRF)
	Co-PI/Other			NEW (NRF)
Japan	PI ‡			NEW (JST)



	Co-PI			NEW (JST)
	Co-PI/Other			NEW (JST)
Burkina Faso	PI **			<i>Select one</i> *2 New[FONRID]/ In-Kind / re-budgeting[<i>name of funder</i>]/ Other[<i>brief description</i>]
Burkina Faso	Co-PI			<i>Select one</i> *2 New[FONRID]/ In-Kind / re-budgeting[<i>name of funder</i>]/ Other[<i>brief description</i>]
Burkina Faso	Co-PI/Other			<i>Select one</i> *2 New[FONRID]/ In-Kind / re-budgeting[<i>name of funder</i>]/ Other[<i>brief description</i>]
Senegal	PI **			<i>Select one</i> *2 New[DFRSDT]/ In-Kind / re-budgeting[<i>name of funder</i>]/ Other[<i>brief description</i>]
Senegal	Co-PI			<i>Select one</i> *2 New[DFRSDT]/ In-Kind / re-budgeting[<i>name of funder</i>]/ Other[<i>brief description</i>]
Senegal	Co-PI/Other			<i>Select one</i> *2 New[DFRSDT]/ In-Kind / re-budgeting[<i>name of funder</i>]/ Other[<i>brief description</i>]
Associated Partner(s) <i>[country name]</i>			N/A	<i>brief description</i>

Part.2 Project team members

‡: required **: required if any



Country	Role in project	Name (Given, Family)	Organization, Division	Title	Degree	Specialty
South Africa	PI †					
	Co-PI					
	Co-PI					
	Other					
Japan	PI †					
	Co-PI					
	Co-PI					
	Other					
Burkina Faso	PI **					
	Co-PI					
	Co-PI					
	Other					
Senegal	PI **					
	Co-PI					
	Co-PI					
	Other					
Associated Partner(s)						

Part.3 Project description

Please refer to the evaluation criteria in the framework.

Section 3.1	Explanation
Potential Impact (Max. 3000 words)	Refers to both the tangible and intangible influence derived and/or caused by the research outcomes/outputs. "Impact" statements indicate what the researcher hopes to achieve, without introducing any bias, through his/her research (i.e. impact on SDGs).

(description)

Section 3.2	Explanation
Problem Statement (Max. 3000 words)	Refers to an area of concern, a condition to be improved upon, a challenge to be explored, a difficulty to be eliminated, or a scholarly question that requires further interrogation to ground theory and praxis that points to the need for meaningful understanding and deliberate investigation.

(description)

Section 3.3	Explanation
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Rational & Literature Review (Max. 3000 words)	<p>-The rationale for the research is a set of reasons offered by a researcher for conducting more research into a particular subject. This could take a number of forms such as descriptive research, experimental research, etc.</p> <p>- A literature review is an account of what has been published on a topic by accredited scholars and researchers. It is a review of existing corpus of literature to affirm/amplify diverse theoretical underpinnings.</p>
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(description)

Section 3.4	Explanation
Aims & Objectives (Max. 3000 words)	<p>- Aims are the broad statements of desired outcomes/ the general intentions of the research, which 'paint a picture' of an envisaged research project.</p> <p>- The objectives of the research provide an accurate description of the specific actions the researcher intends to take in accomplishing research aims</p>

(description)

Section 3.5	Explanation
Research Methodology (Max. 3000 words)	The research methodology describes the rationale for the application of specific procedures or techniques used to identify, collect, select, and analyse information applied to understanding the research problem, thereby, allowing the reader to critically evaluate a study's overall validity and reliability.

(description)

Section 3.6	Explanation
Synergy of the Joint Research Activity (Max. 3000 words)	Includes how the groups complement each other, expected added value from the proposed joint project.

(description)

Section 3.7	Explanation
Proposed Research Plan (Max. 3000 words)	A full proposed research plan outlining activities, who will be involved in each activity, where they will be done (with details of how many individuals / samples / sites etc.) and timelines is included in this section and this should substantiate the requested budget.

(description)

Section 3.8	Explanation
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Transformation <i>(Max. 3000 words)</i>	Give a brief description of how your research complies with transformational objectives relevant to each funder. Some or all of the following transformation contributions may be highlighted: -Summary of the young researchers who will be involved in the project; -General or specialist training to be offered to postgraduate students and young researchers; -Support for postgraduate students and young researchers to attend and present at science meetings; For South Africa Collaborative initiatives with Historically Disadvantaged Institutions; -Involvement of women and black students and researchers in the project; -Special support offered to disadvantaged students.
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(description)

Section 3.9	Explanation
Proposed Research Output <i>(Max. 3000 words)</i>	This refers to the envisaged output ("product") of the research project in line with its objectives and may take the form of publications, public presentations, data, patents, artefacts, exhibitions, design, etc. The outputs should be detailed and quantified as far as possible.

(description)

Section 3.10	Explanation
Alignment to National Imperatives <i>(Max. 3000 words)</i>	Please outline how the project will contribute/is aligned to one or more national priorities/strategies/imperatives.

(description)

Section 3.11	Explanation
Data management and utilisation <i>(Max. 3000 words)</i>	Provide a summary of what processes and systems will be used to compile and manage data for the project. This could include a list of data fields that will be included in the data set, the software that will be used, how data will be captured, who will be responsible for the data capture and management, and whether any data quality checking and upgrading will be carried out. If there are other plans for long term data management and dissemination, briefly discuss these.

(description)

Section 3.12	Explanation
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<p>Science Engagement (Max. 3000 words)</p>	<p>For the purposes of this application, the use of the overarching term science engagement is inclusive of all aspects of public engagement with science, science communication, science literacy as well as science outreach and awareness. It includes all participation by targeted groups of society in a programme aimed at generating mutual understanding and responses to science, including but not limited to awareness, accumulation of knowledge, enjoyment, opinion formulation and scientific literacy.</p> <p>Applicant must indicate;</p> <ul style="list-style-type: none">- Type of engagement: publication, debate, social media etc.)- Objective (desired outcome)- Intended Audience
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(description)



Part.4 Impact Pathway with indicators at output and outcome level

Format for Impact Pathway with indicators at output and outcome level (max. 2 pages)

Research outputs	Indicators

Research outcomes	Indicators

Impact



Part.5 Budgets plan

Budget plan for South African team

- The total amount requested from the NRF should not exceed **R2.680mil** per project.
- **R1.6mil** per project for research activities, mobility costs of the research team, small equipment and knowledge sharing costs per project (R530 000 per year).
- **R720 000** for 2 Doctoral scholarships per project at **R120 000** per student per annum for 3-years (R360 000 per student)
- **R360 000** for 2 Masters' scholarships per project at **R90 000** per student per annum for 2-years (R180 000 per student)

Type of costs	2021	2022	2023	Total
Research related activities incl. small equipment, consumables & accessories (<i>Motivation Max. 1000 words</i>)				
Running Expenses (<i>Motivation Max. 1000 words</i>) <ul style="list-style-type: none"> - Costs of joint conferences, meetings & workshops - Airfare - Accommodation - Subsistence 				
Science Engagement incl. publication costs (<i>Motivation Max. 1000 words</i>)				
Masters and doctoral research placements				
Student Funding (<i>Motivation Max. 1000 words</i>) <ul style="list-style-type: none"> - Master's Degree - Doctoral Degree 				
Subtotal				

Budget plan for Japanese team

- Please describe the financial plan in Japanese **Yen**.
- Maximum budget to be claimed is 18 million yen (Approximately 6 million Japanese Yen per year) including overhead expenses.
- Please register same budget (UNIT: 1,000Yen) on the e-Rad system.

	Type of costs	1 st Year (Apr 2021 (tentative) to March 2022)	2 nd Year (April 2022 to March 2023)	3 rd Year (April 2023 to March 2024)	TOTAL
	Research				



Direct Expense	Materials				
	Equipment				
	Travel and Living expenses				
	Personnel cost				
	Others (including Network Meetings /Workshops/ Outsourcing)				
	Subtotal				
Overhead Expenses *					
TOTAL					

* 30% of the sum of direct expense.

Budget plan for 3rd/ 4th partner team

- Please describe the financial plan in US Dollar.

Type of costs	2021	2022	2023	Total
Research related activities				
Running Expenses (<i>Motivation Max. 1000 words</i>)				
- Costs of joint conferences, meetings & workshops				
- Airfare				
- Accommodation				
- Subsistence				
Science Engagement incl. publication costs (<i>Motivation Max. 1000 words</i>)				
Student support costs				
Employment costs				
Overheads				
Subtotal				



Part.6 CVs

PI(s) and Co-PI(s) must submit their CVs. If 4th(>) African country joins, CV is required regardless of his/her role.

South African based Principal Investigator <i>(max 1 page)</i>
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Given Name		Family Name	
Organization		Department	
Division		Title/Position	
Telephone No.		Email	
Mailing Address			

Educational record

Name of Institution	Year/Period of study	Field of study	Degree and year of completion

Previous employment

Year	Position

Awards and memberships

Year	Award / Membership

Key publications – List of the past 5 years



South African based Co-Principal Investigator (max 1 page)

Given Name		Family Name	
Organization		Department	
Division		Title/Position	
Telephone No.		Email	
Mailing Address			

Educational record

Name of Institution	Year/Period of study	Field of study	Degree and year of completion

Previous employment

Year	Position

Awards and memberships

Year	Award / Membership

Key publications – List of the past 5 years



Japanese based Principal Investigator (*max 1 page*)

Given Name		Family Name	
Organization		Department	
Division		Title/Position	
Telephone No.		Email	
Mailing Address			

Educational record

Name of Institution	Year/Period of study	Field of study	Degree and year of completion

Previous employment

Year	Position

Awards and memberships

Year	Award / Membership

Key publications – List of the past 5 years



Japanese based Co-Principal Investigator (max 1 page)

Given Name		Family Name	
Organization		Department	
Division		Title/Position	
Telephone No.		Email	
Mailing Address			

Educational record

Name of Institution	Year/Period of study	Field of study	Degree and year of completion

Previous employment

Year	Position

Awards and memberships

Year	Award / Membership

Key publications – List of the past 5 years



Burkina Faso based Principal Investigator (max 1 page)

Given Name		Family Name	
Organization		Department	
Division		Title/Position	
Telephone No.		Email	
Mailing Address			

Educational record

Name of Institution	Year/Period of study	Field of study	Degree and year of completion

Previous employment

Year	Position

Awards and memberships

Year	Award / Membership

Key publications – List of the past 5 years



Burkina Faso based Co-Principal Investigator (max 1 page)

Given Name		Family Name	
Organization		Department	
Division		Title/Position	
Telephone No.		Email	
Mailing Address			

Educational record

Name of Institution	Year/Period of study	Field of study	Degree and year of completion

Previous employment

Year	Position

Awards and memberships

Year	Award / Membership

Key publications – List of the past 5 years



Senegal based Principal Investigator (max 1 page)

Given Name		Family Name	
Organization		Department	
Division		Title/Position	
Telephone No.		Email	
Mailing Address			

Educational record

Name of Institution	Year/Period of study	Field of study	Degree and year of completion

Previous employment

Year	Position

Awards and memberships

Year	Award / Membership

Key publications – List of the past 5 years



Senegal based Co-Principal Investigator (max 1 page)

Given Name		Family Name	
Organization		Department	
Division		Title/Position	
Telephone No.		Email	
Mailing Address			

Educational record

Name of Institution	Year/Period of study	Field of study	Degree and year of completion

Previous employment

Year	Position

Awards and memberships

Year	Award / Membership

Key publications – List of the past 5 years



Annex.1 Format letter of Intent *Please delete when submitted*
* Signed LOI must be added as an Annex to the proposal.
* Letter of intent is to confirm that a researcher understands his or her responsibilities in the consortium.
* There is no desired standard template for this.

Format Letter of Intent

Project title:
Acronym:

Hereby all project partners agree to the content of the project proposal and confirm their planned cooperation and responsibility to the project.

South African based PI

(Date, Print Name)

South African based Co-PI

(Date, Print Name)

Japanese based PI

(Date, Print Name)

Japanese based Co-PI

(Date, Print Name)

Burkina Faso based PI

(Date, Print Name)

Burkina Faso based Co-PI

(Date, Print Name)

Senegal based PI

(Date, Print Name)

Senegal based Co-PI

(Date, Print Name)

Associated partner(s)

(Date, Print Name)





Annex.2 Format Institutional endorsement Letter

Please delete when submitted

- * For Associated Partner(s), institutional endorsement letter should be given by institutional head or equivalent.
- * Institutional endorsement letter is to validate the consortium’s application to the call. The 3rd /4th partner PIs are required to submit.
- * Those who will submit the letter can use their institution’s own template.

Format Institutional Endorsement Letter

TO the committee of African-Japan Collaborative Research (“AJ-CORE”)

This is to certify that:

1. Dr. _____, the Principal Investigator/co-Principal Investigator of the project titled..... is working in our University/ Institute/Organization will assume the full responsibility for implementing the project.
2. The Investigator is a regular employee of our University/ Institute/Organization and working as in department.
3. The date of project starts from the date on which the University/Institute/ Organization receives the grant from AJ-CORE.
4. The investigator will be governed by the rules and regulations of University/Institute/Organization and will be under administrative control of the University/Institute/Organization for the duration of the project.
5. The grant by AJ-CORE will be used to meet the expenditure on the project and for the period for which the project has been sanctioned as mentioned in the sanction order.
6. No administrative or other liability will be attached to AJ-CORE at the end of the project.
7. The University/Institute/Organization will provide basic infrastructure and other required facilities to the investigator for undertaking the research project.
8. The University/ Institute/Organization will take into its books all assets created in the above project.
9. The University/ Institute/Organization assumes to undertake the financial and other management responsibilities of the project.

Seal of
University/ Institute/Organization

Signature
Registrar of University/Head of the
Institute/Head of organization

Date:





Annex.3 Letters of Commitment from other Consortium African Partners

Please delete when submitted

**** A confirmation that a third African partner exists and is supported by his or her institution.***

**** In case of that 3rd(>) African partner participates by in-kind, Letter of commitment is required.***

(no desired template)



Annex.4 Information on 3rd / 4th Partner Principal Investigator *Please delete when submitted*
**The Burkina Faso and Senegal Principal Investigators must provide information to the funders. This page will go to the funders (FONRID and DFRSDT) for eligibility check.*

Information on 3rd / 4th Partner Principal Investigator

PERSONAL DETAILS

Title	
Academic title	
Family Name	
First Name	
Name of Institution	
Type of Entity	
Department	
Position	
Institution Address	
City	
Country	
Phone	
Email	
Which funding body are you applying to?	

BUDGET (indicate currency in USD)

FINANCIAL YEAR	2021	2022	2023
Research costs			
Travel and meeting costs			
AJ-CORE kick-off, mid-term and final workshops			
Knowledge Sharing and Research Uptake costs			
Student support costs			
Employment costs			
Overheads			
Other costs (specify)			
Total budget requested			

I hereby confirm that as the 3rd OR 4th Partner Principal Investigator I meet the funding requirements of my national funding body.

.....
Signature

.....
Date

