

Joint Call for Proposals Water JPI – CONFAP:

“Water Resource Management in Support of the United Nations Sustainable Development Goals”

Guidelines for researchers from the State of Paraíba

1 Summary

In the framework of the Coordination and Support Action IC4WATER, approved by the European Commission, within Horizon 2020, with the coordination of the Water Joint Programming Initiative, hereafter referred as Water JPI, and with the participation of CONFAP;

A Joint Call for transnational collaborative projects on research and innovation to support the implementation of water policies is launched;

The State Funding Agency of Paraíba participates in the Joint Call;

The Joint Call is open to researchers linked to Higher Education and Research Institutions located in the State of Paraíba.

The researchers from the State of Paraíba who are interested in applying to the present Call must follow the instructions described in these guidelines.

Foreigner partner researchers or partner researchers affiliated to Higher Education or Research Institutions from other Brazilian States must follow the additional instructions from their own institution regarding the submission of the project and the clarification of doubts.

FAPESQ might contribute with a maximum of €75,000 to support **the total number of projects approved under the scope of this call and submitted by Principal investigators from the State of Paraíba.**

Researchers interested in this Call must also consult the conditions set forth in the International

Call for Proposals launched by the Water JPI initiative as a 2017 Joint Call.

A LinkedIn Researchers Forum has been created by the Water JPI to encourage discussion and networking among researchers in the area of Water RDI and dedicated to this opportunity: <https://www.linkedin.com/groups/8455262>

2 Research Themes

Challenge-1) Multiple pressure effects on ecosystems and ecosystem services as well as effective mitigation–adaptation tools and assessments for implementing the water related targets of the UN SDGs Improving Ecosystem Sustainability and Human Well-being:

Sub-topic-1.a. Assessment of multiple pressures (hydromorphological changes, anthropogenic pollution, biological contamination, or/and natural hazards, etc.) effects on ecosystems and ecosystem services, including but not limited to:

- Assessing the vulnerability and resilience of ecosystems to multiple pressure factors.
- Assessing risks related to multiple pressures on ecosystems.

Sub-topic-1.b. Tools and approaches for adapting and mitigating to multiple pressures.

- Developing innovative risk management approaches for new adaptation measures.
- Integrated eco-technological solutions for the remediation and mitigation of degraded water bodies and aquatic ecosystems.
- Improving knowledge on behavior changes due to direct and indirect effects of climate change and climate change adaptation and mitigation strategies.

Challenge-2) Developing accessible solutions for clean water management to address UN SDG6 targets and associated SDGs. Research and innovation for near future securement of clean drinking water for inhabitants in countries across the globe, linked to the UN SDG6:

Sub-topic-2.a. Developing systems for universal and equitable access to safe and affordable drinking water for all:

- Assessing the impact of water scarcity on safe drinking water in an increasing demography context:
- Developing low cost, low maintenance technology for the water management sector in developed and developing countries.
- Evaluating the resilience of water supply infrastructure to extreme hydro-climatic events, especially floods.

Sub-topic-2.b. Wastewater treatment and recycling:

- Innovating on practical, low-cost sustainable technologies treating wastewater to produce resources that are safe for reuse in all sectors of societal water use.
- Developing and demonstrating water reuse and recycling concepts; recovering products and energy from treatment plants.
- Promoting societal acceptance of innovative technologies.

3 Funding Modalities

The proposals will be processed at FAPESQ according to the rules and instructions below.

There may be proposals for PhD researchers, linked to a scientific, technological or higher education institution, public or private, non-profit located in the state of Paraíba, all constituted under Brazilian law and have their headquarters and administration in the Country

4 Eligibility for Researchers from the State of São Paulo to the submission of proposals

4.1 Eligible Researchers

4.1.1 For the researcher and support framework:

- a. be a researcher PhD active in the area of the proposal;
- b. have your data and all the researchers of the technical team registered and updated in the Curriculum Lattes, available at <http://lattes.cnpq.br/>;
- c. have a functional or employment relationship with universities, institutes, centers, research and development foundations and other organs of direct, autarchic or foundational public administration; public enterprises or semi-public corporations, from any sphere of government, and private and non-profit organizations based in the state itself;

The proponent for the relevant scientific and technological production, in the last five years, in the specific area of the research project.

A technical team to be made up of researchers, students and technicians. Other professionals integrate a team as collaborators.

Only researchers, technicians and collaborating companies that have given formal written consent by the institution and quality should be included in a project, and should be kept under the custody of the Project Coordinator.

The members of the technical team characterized as researchers should have their curricula registered on the Lattes Platform. This requirement does not apply to foreign researchers.

Proposals for engaging interinstitutional partnerships will preferably be supported, integrating actions of the public power, the productive sector and civil society.

5 Procedures for the proposals submission

Each **proposal** submitted to within this call must have one Principal Investigator from the State of Paraíba and at least two partners, each one from a different country among the participant countries of this Call.

Above this minimum eligibility criteria for the composition of consortia, the involvement of other Principal Investigators from other Brazilian States participating in the call is encouraged.

5.1 Pre-proposal phase

a. In the pre-proposal phase, the Principal Investigator of the joint proposal (“Consortium Coordinator”) must follow the procedures for submission as described on Chapter V of the International Call (“**2017 Joint Call**”);

b. In this phase, it is not necessary to submit documents or any kind of information to FAPESQ, since all the participant agencies will have open access to the documents submitted;

c. The estimated budget to be requested to FAPESQ must include consumer material, tickets and daily, third party services and other services. For more details, check item 5.4 below. Budgetary items must be detailed in the document “Financial Table 2017 Joint Call.xls”, available together with the call documentation: http://www.waterjpi.eu/index.php?option=com_content&view=article&id=583&Itemid=1097

To be annexed to the Pre-proposal (template available in the same link).

5.2 Full Proposal submission phase

- a. In the full proposal submission phase, proposals shall be submitted by the Consortium, following the orientations provided by the Joint Call, available in the up mentioned link, in the section Call Documentation – Call Announcement.

5.3 Instructions for the preparation of the research proposals (Full Proposals) by researchers from the State of São Paulo

- a. The full proposal shall follow the items and orientations indicated in the “Full-Proposal Template”, which shall be made available in the 2nd stage of the call. The template and orientations can be found together with the Joint Call Documentation.

5.4 Eligible Costs

Funding and costs must be in accordance with FAPESQ norms covering the following items:

- a. consumer material, components and / or spare parts of equipment and software;
- b. ancillary costs, in particular those relating to imports and installations necessary for the proper functioning of the equipment;
 - a. tickets and daily in the country, up to 10% of the total value of the proposal;
 - b. third party services - payment in whole or in part of maintenance contracts and services of third parties, individual or legal, of a casual nature. Any payment to the individual must be made in accordance with the legislation in force, so as not to establish employment relationship. Thus, the workforce employed in the execution of the project will not have a link of any nature with FAPESQ and it will not be able to demand any payments, remaining in the exclusive responsibility of the Coordinator / Institution executing the project;
 - c. Bibliographic material, equipment, permanent material. These items will be allocated to the project implementation institution under the responsibility, maintenance and custody of the Project Coordinator / Institution.

Other expenses shall be the responsibility of the proponent / institution implementing the project, as a counterpart.

In order to contract or purchase goods and services, the current legislation must be observed.

Where applicable, the proposal shall include incidental expenses arising from the importation of equipment, permanent equipment and consumables, up to fifteen percent (15%) of the amount foreseen for such expenses. FAPESQ is not responsible for supplementing resources to meet expenses arising from any factors external to its control, such as exchange rate fluctuations.

6 Submission of Pre-Proposals and Full Proposals by researchers from the State of Paraíba

- a. A two-step application procedure will be used in this Joint Call. Pre-proposals and Full Proposals must be submitted electronically via a specifically designed web platform.
- b. Details and orientations are available in the Joint Call Documentation.
- c. No proposal will be accepted after the deadline for the submissions.
- d. Proposals that do not comply with the Joint Call requirements and with the specific requirements established in these guidelines will not proceed to analysis.

7 Timeline

EVENTOS	DATAS
Call announcement	11/10/2017
Deadline for submission of Pre-Proposals	11/12/2017
Deadline for submission of Full Proposals	27/06/2017 - 17h00 (CET)

8 Assessment and Selection

- a. Proposals that do not comply with the established in this Call will not be qualified for merit analysis.
- b. Pre-Proposals: All eligible pre-proposals will be subject to a scientific evaluation by external evaluators based on two criteria - 'Excellence' and 'Impact'. The objective of this first step is to identify the best proposals to proceed to Step 2 (Full Proposals), and ensure the balance between the requested and available funds at the national level.

- c. Full Proposals: All full proposals will be subject to international peer reviews followed by an Evaluation Panel based on three criteria - ‘Excellence’, ‘Impact’ and ‘Quality and Efficiency of Implementation’.
- d. Funding recommendation: Based on the ranking of the full proposals, projects will be recommended for national/organisational funding. The outcome of this process will be communicated by the Call Secretariat to the Consortium Coordinator, who will then inform all partner Principal Investigators of the Consortium.
- e. Formal funding decisions are made by the participating funding organizations. The funding recommendation is irrevocable and therefore no redress procedure is possible.
- f. After a positive funding recommendation, the project partners must directly contact their NCP in order to start the contract negotiation and accomplish the remaining steps until the research project can start. The Consortium Coordinator is responsible for synchronising the project start with his/her partners.

9 Intellectual Property Rights

- a. In case of approval, a Letter of Agreement (“*Consortium Agreement*” – item VI.2 of the **2017 Joint Call**) has to be formulated between the Partner Host Institution abroad and/or the Partner Host Institution of other Brazilian States and the Host Institution in the State of Paraíba to which the PI is affiliated, establishing how Intellectual Property rights, confidentiality, and publications will be treated jointly, in observance of the policies of each Funding Agency and Host Institution.
- b. Any costs regarding management of IP are expected to be agreed between the collaborating research organizations before the research begins.
- c. The presentation of this “*Consortium Agreement*” is mandatory before the signature of the grant award in case of FAPESQ funding.

10 Further Information

- a. FAPESQ: specific questions about this present Call for Proposals must be sent by the researchers from the State of Paraíba on this e-mail: jpiwater@fapesq.rpp.br

b. Researchers from other Brazilian States: specific questions must be sent by the Principal Investigator to the contacts indicated in the “National Regulations” of the present call (which can be found together with the Joint Call Documentation), for contacting the participating FAPs and to Elisa Natola – elisa.confap@gmail.com for overall issues concerning the Joint Call, on behalf of CONFAP.

c. Foreigner researchers: specific questions must be sent by the Principal Investigator to the contacts indicated in the “National Regulations” of the present call, corresponding to the contact indicated for the specific country.