

English version

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For Organisations

Universidade de Lisboa - Instituto

Superior de Agronomia (ISA)

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English

1. Descrição do cargo/posição/bolsa

1. Job description

Job:

PhD Scholarship

Job/Fellowship Reference: DeSIRA_Tides - PhD Scholarship

Main research field: Environmental science

Sub research field: Water science

Job summary:

Notice

Call for PhD Scholarships

Ref DeSIRA_Tides

The School of Agriculture (ISA), University of Lisbon, opens a call for applications for the award of one (1) Doctoral Scholarship, within the framework of the project "Mangrove, mangrove rice and mangrove people: sustainably improving rice production, ecosystems and livelihoods" funded by the European Commission through the DeSIRA Program [as defined in the contract of the project ref^a FOOD/2019/412-700, DeSIRA_GB].

Job description:

Notice

Call for PhD Scholarships

Ref DeSIRA_Tides

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Scientific area

Hydrology, Ocean physics, Civil engineering (water-related), Environmental engineering

Eligibility criteria

- An MSc degree in Hydrology, Ocean physics, Civil engineering (water-related), Environmental engineering
- Experience in using R, matlab, or similar software
- Experience in using GIS
- Experience in using satellite data and collecting field data related with ocean level and tides
- Affinity or experience with field site experimental research

Specific requirements

Preference will be given to applicants who have:

- Proven experience with marine and coastal, ocean level related research
- Sufficient expertise in French and good in English
- Good communication skills with peers and local farmers
- Willingness to undertake long-term fieldwork in Guinea-Bissau
- Willingness to learn Guinea Bissau kriol
- Previous experience in rural Africa

Work Plan

After the academic year at Toulouse University, the successful candidate will participate in the activities of the project "Mangrove, mangrove rice and mangrove people - sustainably improving rice production, ecosystems and livelihoods", namely: a) Conduction of field site experimental research in Guinea-Bissau, collecting data related with ocean level and tides; b) Team work with other PhD students of the project; c) Writing up ocean physics, agronomic and interdisciplinary articles with other PhD students of the project. The last year will be spent at Toulouse University and IRD performing data analysis and writing the final version of the articles and of the dissertation. Scientific stays of some weeks may be spent at WUR and ISA.

Applicable law and regulation

Research Fellowship Holder Statute, approved by Law no. 40/2004, of 18 August, subsequently amended and republished by Decree-law no. 202/2012, of 27 August, later updated by Decree-Law no. 233/2012, of 29 October, by Law no. 12/2013, 29 January, and by Decree-Law no. 89/2013, of 9 July, and by Decree-Law n.º 123/2019, of 28 August.

Workplace and scientific supervision

Notwithstanding any displacements that may be required within the scope of the tasks to be performed, the first year will be spent at the IRD, France (dedicated to the academic training and PhD program elaboration). The second and third years will be carried out in Guinea-Bissau (field trials), but some time may be spent at the School of Agriculture, University of Lisbon (ISA-ULisboa) and/or WUR (Netherlands). The final writing of the dissertation will take place at the IRD during the fourth year.

The PhD will be conducted under the supervision of Professors Rafael Almar (IRD Lab and University of Toulouse) and Luc Descroix (IRD), with scientific collaboration of Professor B. A. Sow (UASZ, Ziguinchor University) and Professor Sjoerd van der Zee (WUR), and informal collaboration of the PI of the project (Dr. Marina Padrão Temudo of ISA).

Beneficiaries (who can apply to this call):

- National citizens or citizens of other EU Member States.
- Citizens of third-party states, holders of a valid residence permit or beneficiaries of a long-term VISA at the time of the signature of the contract.

Duration of the scholarship:

The duration of the scholarship is annual, extendable to a maximum of four years.

Benefits

The amount paid will be in accordance with the scholarship values' table awarded directly by the Portuguese Foundation for Science and Technology (FCT) Research Fellowship Regulation, published in the Regulamento N° 950/2019, Diário da República No. 241, Series II, 16 Dezembro. The value of the scholarship will be € 1 074,64 (one thousand, seventy-four euros and sixty-four cents) during the research period in Portugal and € 1 883,65 (one thousand, eight hundred and eighty-three euros and sixty-five cents) while abroad. The scholarship will be paid monthly by bank transfer. The tuition fees will also be covered by the project budget.

The doctoral candidate will be entitled to personal accident insurance and, if not covered by any social protection scheme, can ensure the exercise of the right to social security by joining the voluntary social insurance scheme, under the terms of Code of Contributory Regimes of the Social Security System.

One travel to Europe will be payed per year during the fieldwork period in Guinea-Bissau.

Selection methods and their valuation

The selection methods to be used will include grading on a scale of 0 to 20 based on the following components: curriculum assessment (70%) and motivation letter (30%).

The candidates' CV will be evaluated considering the following parameters: Relevance of the training area (40%), relevance of professional experience (40%), scientific publications (20%).

By decision of the jury, the top three pre-selected candidates may be invited to a skype interview. In this final evaluation phase, the first assessment component will weigh 70% and the interview will weigh 30%.

The jury may not award the scholarship if no candidate with the appropriate profile is found.

Jury Composition of the call

President – Luc Descroix (IRD)

Effective Member – Marie-Paule Bonnet (IRD)

Effective Member - Luis Sanches Goulão (Assistant Professor at the School of Agriculture of the University of Lisbon)

Substitute Member – Rafael Almar (IRD)

Substitute Member – Eric Machu (IRD)

Form of publicity / notification of results

The results will be communicated to the candidates by email.

Application Deadline

The call is open from 25.05.2020 to 12.06.2020.

Documentation to be submitted

- Detailed curriculum vitae;
- Statement of interest;
- Copy of the certificate (s) of academic qualifications with the final grade and grade obtained.

The omission of any of the elements will be reason for exclusion of the contest.

The documentation must be sent by email to the e-mail addresses: luc.descroix@ird.fr and filipzacarias@isa.ulisboa.pt, indicating the reference DeSIRA_Tides

22nd May 2020 – The President of Instituto Superior de Agronomia, Professor Doutor António Guerreiro de Brito

Vacant posts: 1

Type of contract: Other

Job country: Portugal

Job city: Lisboa

Job company/institute: Instituto Superior de Agronomia; Toulouse University

Application deadline: 12 Junho 2020

(The Application's deadline must be confirmed on the Job Description)

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2. Dados de contactos da organização
2. Organization contact data

Organization/institute: Universidade de Lisboa - Instituto Superior de Agronomia (ISA)

Address:

Tapada da Ajuda
Lisboa - 1349 – 017 LISBOA
Portugal

Email: filipzacarias@isa.ulisboa.pt

Website: <http://www.isa.ulisboa.pt>

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3. Habilitações académicas
3. Required education Level

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4. Línguas exigidas
4. Required languages

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5. Experiência exigida em investigação
5. Required research experience

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