

## NOTICE FOR BOLSA DE INVESTIGAÇÃO (BI) SCHOLARSHIP (1 opening)

Resume:

A tender is open for the attribution of a **Scholarship Bolsa de Investigação (BI) to Students enrolled in PhD studies** within the scope of the project PTDC/CTA-AMB/4086/2021 - **Dammed Fish: Impact of structural and functional river network connectivity losses on fish biodiversity – Optimising management solutions**, taking place at Grupo de Investigação ForProtect, Centro de Estudos Florestais, of the Instituto Superior de Agronomia, financed by Fundação para a Ciência e a Tecnologia, to develop the following tasks: Mapping barriers, linking fish data to hydrographic networks, developing a decision support tool for selecting barriers to manage, monitoring project tasks, under the following conditions:

### 1. TYPE, DURATION OF THE SCHOLARSHIPS and EXPECTED BEGINNING PERIOD OF THE SCHOLARSHIP

The tender is intended for the attribution of a Scholarship Bolsa de Investigação (BI), for a length time of **12 months**, possibly renewable up to a maximum of 36 months, scheduled to start on March/2022.

### 2. WORK PLAN AND WORKPLACE:

Mapping barriers, linking fish data to hydrographic networks, developing a decision support tool for selecting barriers to manage, monitoring project tasks. The work will be developed at Centro de Estudos Florestais of the Instituto Superior de Agronomia, under the supervision of Doctor Paulo Branco.

### 3. SUBMISSION OF APPLICATIONS

Applications must be formalized, obligatorily, by sending an application letter, with the reference “Dammed Fish PhD”, accompanied by the following documents: *Curriculum Vitae*, copy of certificate of qualifications, motivation letter and other supporting documents considered relevant.

Exceptionally, in duly justified situations, proof of enrolment in a cycle of studies or courses that do not lead to an academic degree may be delivered up to the date of the effective contracting;

If the degree has been granted by a foreign higher education institution, it will have to be recognized by a Portuguese higher education institution by the Directorate-General for Higher Education (DGES, only in case of automatic recognition), under the terms of Decree-Law no. 341/2007, of 12 October, regulated by Notice no. 227/2017, of July 25 and updated by Decree-Law No. 66/2018, published in the Diário da República, 1st series, No. 157, of August 16, 2018. For getting more information about this, we suggest consulting the DGES portal (<http://www.dges.gov.pt>). It may be waived its presentation in the application, being replaced by the applicant's declaration of honour, stating that the candidate has completed the academic degree by the deadline for the application, with the verification of this condition only in the contractual phase of the scholarship.

The applications must be sent to Paulo Branco via email: [pjbranco@isa.ulisboa.pt](mailto:pjbranco@isa.ulisboa.pt)

**The application will be open from February 1<sup>st</sup> to 14<sup>th</sup> 2022.**

#### **4. SCHOLARSHIP RENEWAL TERMS AND CONDITIONS**

Scholarships may be renewed for additional periods up to their maximum duration, provided that, at the renewal date, the conditions for their grant are verified, always depending on the request submitted, within 60 working days prior to the start date of the renewal, accompanied by the following documents: a) Detailed report of the work carried out, including the URL addresses of communications, publications and scientific creations resulting from the activity carried out, if any; b) Statement of the supervisor on the documents referred to in the preceding paragraph; c) Work plan for the renewal period. d) Document proving the renewal of enrolment in the cycle of studies required for granting the scholarship, in scholarships associated with cycles of studies or courses that do not confer an academic degree, except when this has already been concluded

#### **5. SCHOLARSHIP RECIPIENTS**

##### **5.1 Required Education Level:**

- MSc. in Biology, Forest Engineering, Geography, Computing or related areas.
- Scholarship - Bolsa de Investigação
- Students enrolled in PhD studies

##### **5.2 Skills/Qualifications / Specific Requirements:**

- Scientific area - Students enrolled in PhD studies with a MSc. degree in Biology, Forest Engineering, Geography, Computing or related areas
- With skills in geographic information systems, multivariate/large scale data processing, fish and inland ecology, good knowledge of English, ability to work independently and in a team. Programming experience will be a preferred factor.

#### **6. FUNDING AND SCHOLARSHIP COMPONENTS**

The grant will be financed by Fundação para a Ciência e a Tecnologia, within the scope of the project PTDC/CTA-AMB/4086/2021 - Dammed Fish: Impact of structural and functional river network connectivity losses on fish biodiversity – Optimising management solutions.

The amount of the monthly allowance is **1.104,64 €** plus the reimbursement of voluntary social insurance (applicable to scholarships lasting six months or more), according to the table of values of monthly allowances, set out in Annex I of Regulation No. 950/2019 ([https://www.fct.pt/apoios/bolsas/docs/Tabela\\_Valores\\_SMM\\_LOE\\_2021.pdf](https://www.fct.pt/apoios/bolsas/docs/Tabela_Valores_SMM_LOE_2021.pdf)).

The payment will be made via bank transfer.

#### **7. EVALUATION CRITERIA**

Selection Procedure:

Admission to the competition is based on the training path, the jury deciding on its suitability, also considering the average obtained in the academic training.

Applications considered admissible will be scored on a scale from 1 to 5 in each of the following evaluation criteria:

Criterion A - Academic qualifications, with a weight of 50%;

Criterion B - Motivation for the topic, with a weight of 20%;

Criterion C - Scientific competences, with a weight of 30%, including:

C1. Experience working with large volumes of data and at a large spatial scale;

C2. Experience in geographic information systems and spatial analysis;

C3. Knowledge of fish and inland water ecology;

C4. Scientific publications.

The weighted average of these criteria, C1, will be used to rank the candidates. In case the jury feels the need, a maximum of 3 candidates (according to C1) can go on to a second evaluation phase that will involve an interview that will be scored on a scale from 1 to 5 (C2).

The candidates' final classification combines the scores in the two evaluation phases. Candidates will be ranked according to the weighted average of the classification obtained in the two evaluation phases, translated by the following formula:

Final Classification =  $(0.7 \times C1) + (0.3 \times C2)$  in case there are two phases, if there is only one phase the Final Classification = C1.

For tie-breaking purposes, the ranking of candidates will be carried out based on the classifications attributed to each of the evaluation criteria in the following order of precedence: criterion C1, criterion C2.

## **8. EVALUATION**

Composition of the Assessment Committee:

- Prof.<sup>a</sup> Doutora Maria Teresa Ferreira, Centro de Estudos Florestais (Presidente do Júri);
- Doctor Paulo Branco, Centro de Estudos Florestais of the Instituto Superior de Agronomia da Universidade de Lisboa;
- Doctor Gonçalo Duarte, Centro de Estudos Florestais of the Instituto Superior de Agronomia da Universidade de Lisboa;
- Doctor José Maria Santos, Centro de Estudos Florestais of the Instituto Superior de Agronomia da Universidade de Lisboa (substitute);
- Doctor Pedro Segurado, Centro de Estudos Florestais of the Instituto Superior de Agronomia da Universidade de Lisboa (substitute).

## **9. DISCLOSURE OF RESULTS**

Form of advertising/notification of results: The final results of the evaluation will be publicized, through a list ordered, alphabetically, by final grade, posted in a visible and public place of the Instituto Superior de Agronomia, with the candidate being approved notified via email.

## **10. TERMS AND PROCEDURES FOR PRIOR HEARING, CLAIM AND APPEAL**

After communicating the provisional list of the evaluation results, the candidates with a project of decision unfavourable to the granting of the scholarship, have a period of 10 working days to, if they wish, do their statements in the preliminary hearing of interested parties, pursuant to articles 121 and following of the Code of Administrative Procedure. The final decision will be rendered after the analysis of the statements presented during a prior hearing of interested parties.

## **11. SCHOLARSHIP AGREEMENT MODEL AND FINAL REPORTS**

11.1 - The scholarship contract must include:

- a) The identification of the scholarship holder and the scientific advisor or coordinator;
- b) The identification of the host and financial entities;
- c) The applicable legislation, Regulation No. 950/2019;
- d) The plan of activities to be developed by the scholarship holder;
- e) Indication of the duration and start date of the grant.

11.2 - The scholarship contract will be made in writing and a copy will be sent to the Foundation for Science and Technology, IP for inclusion in the national register of scholarship holders.

11.3 - The Scholarship Holder Status is automatically granted with the signing of the contract, always referring to the start date of the scholarship.

11.4 - The scholarship holder must submit to ISA, within 60 working days after the end of the scholarship, in electronic format, a final report of their activities containing the activities developed and results obtained, including communications, publications and scientific creations resulting from the developed activity, and respective URL addresses, accompanied by the opinion of the supervisors.

## **12. NON-DISCRIMINATION AND EQUAL ACCESS POLICY**

No candidate may be privileged, benefited, harmed or deprived of any right or exempt from any duty due, in particular, to ancestry, age, sex, sexual orientation, marital status, family situation, economic situation, education, origin or social condition, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological convictions and union membership.

## **13. APPLICABLE LEGISLATION AND REGULATIONS:**

Statute of the Scientific Research Fellow, approved by Law no. 40/2004, published in Diário da República no. 194/2004, Series I-A, 2004-08-18, in the wording given by Decree-Law no. 123/2019, of August 28 and FCT Scholarship Regulation - Regulation No. 950/2019, of December 16, 2019 (<https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>).

**Authorized in January 25<sup>th</sup> 2022** by the President of the Instituto Superior de Agronomia, Professor António Guerreiro de Brito.