

CALL FOR AWARDING RESEARCH FELLOWSHIPS WITHIN PROJECT GRANTS AND R&D INSTITUTIONS

1 Research Fellowship in Special Regime for PhD holders

1 (one) Research Fellowship Special Regime for PhD holders is open at **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for project SWELL: “Shared Waters Enhancement and Loughs Legacy”, under the Agreement for Scientific Cooperation between FCIências.ID and Longline Environment Ltd., under the following conditions:

1. **Scientific Area:** Hydrology and Water Resources.
2. **Requirements for admission:** the candidate should have a PhD in Hydrology or related sciences, and also the following requisites (exclusion factors):
 - a. demonstrated experience (e.g. course, publications) with hydrological modelling;
 - b. demonstrated fluency (e.g. certificate, publications) in written and spoken English;
 - c. availability for frequent visits to northern Ireland.
3. **Factors preferred:**
 - a. demonstrated experience with the Soil and Water Assessment Tool (SWAT) hydrological model;
 - b. demonstrated experience with modelling peatlands and/or grazing lands;
 - c. demonstrated experience with hydrological instrumentation;
 - d. good scientific publication record;
 - e. experience with multinational projects;
 - f. experience with project management.
4. **Work plan:** the research fellow will implement the SWELL project activities contracted to FCIências.ID: apply the SWAT hydrological model to three catchments in northern Ireland, to simulate hydrological processes, nutrient exports, and bacterial exports from grazing lands to coastal systems; compile and process all the hydrometeorological and geographical data required to implement the model; and apply the model for scenarios developed by the northern Irish partners (AFBI, NIW). The workplan will also include: independent management of project progress and requirements; day-to-day coordination with the project contractors (Longline Environment Ltd.) and the northern Irish partners, including usage of project management software (Slack, Redmine), remote meetings, and presential meetings in northern Ireland; scientific support of the northern Irish partners with hydrology, including data collection, hydrological instrumentation design, results interpretation, and application of the SWAT model; linking the SWAT model with other hydrodynamic and ecosystem models used in SWELL; and participating in writing reports and scientific publications.
5. **Legislation framework:** Statute of the Scientific Research Fellowship, in accordance with Law 40/2004, of 18 August, as amended and republished by Decree-Law No. 202/2012 of 27 August, and as amended by Decree-Law No. 233/2012 of 29 October and by Law No. 12/2013, of January 29, and Decree-Law No. 89/2013 of 9 July; And also by the FCT, I.P. Fellowships Regulation, in force (<https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT.pdf>) and **FCiências.ID** Fellowship Regulation, as approved on 23rd February 2017.
6. **Place of work:** The work will be developed at the Research Group CCIAM (<http://ce3c.ciencias.ulisboa.pt/team/CCIAM>) from the Centre for Ecology, Evolution and Environmental Changes – cE3c, of the Faculdade de Ciências da Universidade de Lisboa under the scientific guidance of Dr. João Pedro Nunes.



CALL FOR AWARDING RESEARCH FELLOWSHIPS WITHIN PROJECT GRANTS AND R&D INSTITUTIONS

7. **Fellowship duration:** This position is initially opened for 6 months and will begin on June 2018. The fellowship contract may be renewed until the end date of the project (foreseen August 2019), in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P.
8. **Monthly allowance:** The fellowship amounts to € 1995.
The fellowship holder will have a personal accident insurance and, if not covered by any social protection scheme, can ensure the right to social security through adherence to the voluntary social insurance scheme, pursuant to Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social.
The fellowship will be paid monthly by bank transfer.
9. **Selection method:** Candidates will be assessed by the quality of their Curriculum Vitae, in terms of relevance to the workplan and of the preferred factors determined above (80%) and Motivation Letter, written in English (20%). Candidates might be called for an interview (in person or remotely) to clarify issues in their CV or Motivation Letter.
10. **Selection Committee:** The selection will be done by three Jury members: João Pedro Nunes (President), Tiago Capela Lourenço (Effective Member), and Gil Penha-Lopes (Effective Member); alternate members of the jury are Luís Dias.
11. **Publication/notification of results:** The final results of the evaluation will become public, through ordered list *final grade obtained* which will be posted at the entrance hall of the **FCiências.ID**, located at the Faculdade de Ciências da Universidade de Lisboa, C1 bldg – 3rd floor, Campo Grande, 1749-016 Lisboa, and the selected candidate will be notified by *e-mail*.
12. **Deadlines:** This call for applications is open from the 26th of April until the 8th of May 2018.
13. **Application:** Applications may be sent via e-mail to amantunes@fc.ul.pt (cc jpcnunes@fc.ul.pt), by attaching the following documents: Curriculum Vitae, Motivation Letter (in English) and Graduate Certificates (sum total cannot be larger than 3 MB). Please indicate SWELL in the subject.

