

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

One Postdoctoral fellowship within the framework of Project FireCast

One Fellowship(s) for a Postdoc for a PhD is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution FireCast- Forecasting fire probability and characteristics for a habitable pyroenvironment, PCIF/GRF/0204/2017, financed by national funds by FCT / MCTES (PIDDAC) under the programme Concurso de Projetos de Investigação Científica e Desenvolvimento Tecnológico no Âmbito da Prevenção e Combate a Incêndios Florestais - 2017, under the following conditions:

1. **Scientific Area:** Statistics
2. **Requirements for admission:** PhD in Statistics or related area; solid background in Bayesian Statistics, R programming and spatial statistics.
3. **Factors preferred:** Background in statistical analysis related to the quantification of risk in the area forest fires.
4. **Work plan:** The aim is to provide a technical and scientific contribution to the generation of maps of fire danger in Continental Portugal based on statistical models that integrate meteorological and biophysical parameters and the structure of the landscape.
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 Faculty of Sciences of the University of Lisbon (FCUL) under the scientific guidance of Professor K. Feridun Turkman.
7. **Fellowship duration:** This position is initially opened for 6 months and will begin on December 2019. The fellowship contract may be renewed to more 24 months, 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 € 1509.80, according to table values of the fellowships awarded directly by the FCT, IP. (<http://www.fct.pt/apoios/bolsas/valores>).
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 CV (0 to 70%) and an interview (0 to 30%) that among other topics will specifically focus on the applicant's knowledge of the English language (0 to 5%) as well as of Remote Sensing/GIS/Land Management (0 to 5%), organization of data bases (0 to 5%), SIG techniques applied to information from

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climatological databases (0 to 5%), cartography based on satellite imagery (0 to 5%) and statistical treatment of databases (0 to 5%).

10. **Selection Committee:** the composition of the jury: Prof. K. Feridun Turkman (President); Prof. M. Antónia A. Turkman; Prof. Carlos C. DaCamara; and Prof. José M. C. Pereira (deputy member).
11. **Publication/notification of results:** The final results of the evaluation will become public, through ordered list of *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 11th to 25th November 2019.
13. **Application:** Applications may be sent via e-mail to kfturkman@fc.ul.pt, by attaching the following documents: i) Motivation letter; ii) Curriculum vitae; iii) Certificate of PhD.

NOTE: Please note that Degrees obtained in foreign countries need a Portuguese Recognition certificate issued by a Portuguese high degree Institution, according to the [Decree-Law nr. 66/2018](#), of august 16th and the [Ministerial Order nr. 33/2019](#), of January 25th. The presentation of such certificates is mandatory for contract signature. More information can be obtained in: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.