

**International selection procedure for the recruitment of a PhD scientific  
Researcher in the framework of the Horizon Europe CERISE project**

**NOTICE NO 9227/2023**

1. Under the terms of Decree-Law n.º 57/2016, de 29 de August, in its current wording, it is made public that by deliberation of the board of Directors of IPMA, IP, dated 26/1/2022, it was authorized the opening of an international selection procedure – applications must be submitted within the deadline of 15 (fifteen) working days – for the **recruitment of a PhD scientific researcher in the framework of the Horizon Europe CERISE project**, with a fixed-term employment contract in public functions, for a period of three years. The candidate will carry out research activities in the framework of the project which aims at developing **land surface initialisation techniques to pave the way for the next generations of the C3S reanalysis and seasonal prediction systems**. The consortium is lead by ECMWF and is made up of 12 European institutes. IPMA is involved in the preparation of Earth Observation data for assimilation and in validation, and in the development of innovative method to evaluate processes in reanalyses prototypes and new seasonal forecasts. The post will be integrated in IPMA's Earth Observations Unit, which is hosts EUMETSAT Satellite Application Facility on Land Surface Analysis (LSA SAF).

2. The functions inherent to the job's offer are as follows: the researcher will contribute to CERISE's workplan, primarily focusing on the preparation of satellite data and products for model evaluation and on the assessment of the representation of processes in the land-atmosphere interface in models producing reanalyses and seasonal forecasts.

3. Applicable legislation:

- a) Decree-Law no. 57/2016, of August 29th, in its current wording;
- b) General Labor Law in Public Functions (LTFP), approved as an annex to Law No. 35/2014, of June 20th, in its current wording;
- c) Regulatory Decree No. 11-A/2017, of December 29th.

4. Under the terms of article 16 of the RJEC, the present procedure is exempt from:

- a) Authorization of the members of the Government responsible for the finance and Public Administration's areas, has referred in paragraph 3 of article 7 of the LTFP,
- b) Obtaining the prior favorable approval referred to in paragraph 5 of article 30 of the LTFP and
- c) The procedure for recruiting workers in a situation of professional development, has mentioned in article 265 of the LTFP

5. Only national, foreign and stateless candidates who hold a Doctor's degree in Geophysical Sciences, Physics, or related areas can apply for the competition, under penalty of exclusion. Candidates who obtained the PhD in a foreign country need a Portuguese Recognition issued by a Portuguese high degree Institution, according to the Decree-Law nr. 66/2018, of August 16th. The presentation of such Recognition is mandatory for contract signature. More information can be obtained in: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.

6. Remuneration is fixed in accordance with article 15 of the RJEC, in conjunction with article 2 of Regulatory Decree No. 11-A/2017, of December 29th, corresponding to remuneration level 33: € 2228,11 before taxes monthly.

6.1 The remuneration also includes holiday and Christmas allowances, as well as food allowance in the amount and conditions set out for workers with a legal employment relationship under the Labour Code.

7. Workplace: IPMA headquarters at Rua C do Aeroporto de Lisboa (1749-077).

8. Contract duration: fixed-term employment contract in public functions, for a period of three years.

9. Under the terms of article 5 of the RJEC, the selection is carried out through the evaluation of the scientific and curricular of candidates.

10. The evaluation of the candidates will focus on the Scientific and technological production in the last five years considered most relevant by the candidate, according to the functions to be performed.

11. The five years period mentioned on the previous number can be extended on request by the candidate, and should be justified (e.g. parental leave, long-term illness, etc.)

12. Experience in land surface characterization applied to land surface modeling and land-atmosphere interactions is particularly valued.

13. The evaluation of the scientific track and CV will focus on its relevance, and quality, measured in a scale between 1 and 20 points, with the exclusion of candidates with a classification below 9.5, with the following weighted criteria:

a) Scientific and technological production in areas covered in this posts, namely geophysical sciences, meteorology, physics in the last 5 years (5 points);

b) Applied research activities developed in the last 5 years and considered of relevance by the applicant, namely (10 points):

b1) Scientific programming in high level languages (e.g. Fortran, C, C++, Python, R);

b2) Applications of climate model data and Earth Observation data.

b3) Earth System modelling and/or processing of Earth Observation data in HPC environment.

c) Dissemination activities in the areas covered in this post in the last 5 years (2 points);

d) Management activities associated with science, technology, and innovation (3 points).

14. The evaluation of the candidate's scientific and curricular path can be completed by interview, if the jury so decides. The interview does not constitute a selection method and is not classified, aiming only to obtain clarifications or explanations of elements contained in the candidates' curricula.

15. In accordance with article 13 of the RJEC, the jury has the following composition:

a) President: Professor Doutor Jorge Miguel Alberto de Miranda, President of the board of Directors of IPMA, IP;

b) Effective members:

b1) Dr Isabel Franco Trigo;

b2) Dr Emanuel de Sousa Dutra;

b3) Dr João Paulo Martins;

b4) Dr Sofia Ermida.

16. The jury decides through nominal voting based on the criteria of selection adopted and disclosed, with no abstentions allowed.

17. After the jury's meetings, a minute containing what has happened in the reunion, as

well as the votes cast by each of the members and the respective reasons, will be made.

That minute will be available to candidates whenever requested.

**18.** The final decision of the jury requires approval by the Board of Directors of IPMA, IP.

**19.** The deadline for submitting applications to the procedure is 15 working days, counting from the day following the publication of this notice in the Public Employment Exchange (BEP).

**20.** The application must be accompanied by the following documents:

- a)** Form available on the IPMA, IP website, expressly indicating the reference of this notice;
- b)** Copy of certificate or diploma attesting to the degree of Doctor (or equivalent);
- c)** Detailed and updated Curriculum Vitae.
- d)** Motivation letter.
- e)** Other documents that the candidate deems relevant for the assessment of their scientific and curricular path, including reference letters.

**21.** Candidates must submit the documents, preferably in digital format, in PDF format, to the email address [recrutamento@ipma.pt](mailto:recrutamento@ipma.pt), in person at Rua C ao Aeroporto de Lisboa, 1749-077 Lisboa, during office hours (10h/16h), or by post to the same address.

**22.** The following will be excluded from the procedure:

- a)** Candidates who incorrectly formalize their application or who do not meet the required requirements.
- b)** Candidates who do not submit the application, do not submit documentation or submit illegible, incorrectly completed or invalid documentation.
- c)** Candidates with without a PhD in the areas defined in point 5;
- d)** Candidates with a evaluation below 9.5 points;

**23.** The jury has the option of requiring any candidate, in case of doubt, the documents that prove what is statement by the candidate.

**24.** False statements made by candidates will be punished by law.

**25.** The lists of admitted and excluded candidates, as well as the final classification lists, are published on the website <http://www.ipma.pt/pt>, with candidates being notified by email with a receipt of delivery of the notification.

**26.** Under the terms of article 121 of the Code of Administrative Procedure, after notification, candidates have 10 working days to comment in writing.

Within 90 days, counting from the deadline for the submission of applications, the final decisions of the jury will be approved.

**27.** This competition is exclusively intended to fill the vacancies indicated. It may be terminated before the approval of the final ranking list of candidates and will expire with the occupation of the job's offer.

**28.** IPMA, IP actively promotes a policy of non-discrimination and equality of opportunities and access to employment, in alignment with article 9 of the Constitution.

**29.** The jury approved this notice at the meeting held on April 21<sup>st</sup>, 2023.