

(BL99/2026-IST-ID)

Post-Doctoral Research Fellowships

Applications are open for one Post-Doctoral Research Fellowship, within the framework of project ILLUQ – Permafrost-Pollution-Health, financed by the program Horizon Europe, Call HORIZON-CL6-2023-ZEROPOLLUTION-01-3, Proposal 101133587, in the following conditions:

Scientific Area: Chemistry, Chemical Engineering, Environmental Sciences, Environmental Engineering

Admission Requirements:

- a) to hold a PhD degree obtained by the starting date of the fellowship.;
- b) to have carried out the research work that led to the PhD degree in a different entity from the host institution of the fellowship;
- c) Not to exceed, with this fellowship contract, including the possible renovations, an accumulated period of 3 years in this type of fellowship, continuously or with interruptions;
- d) Not to have previously held a post-doctoral fellowship from IST-ID.

Workplan: The workplan focuses on the chemical characterization of natural organic matter (NOM) in soils and sediments in the context of Arctic permafrost thaw within ILLUQ Work Packages 1 and 2, with emphasis on understanding processes linked to investigate the role of NOM in contaminant mobilization, transport, and potential exposure risks to northern ecosystems, including flora, fauna, and subsistence harvesting areas.

Legislation and Regulations: Statute of Scientific Research Fellow, approved by Law nr. 40/2004, of August 18, as worded by Decree-Law nr. 123/2019, of August 28; Regulation of Scientific Research Fellowships, available on <https://ist-id.pt/recursos/documentos/recursos-humanos/bolseiros/#1690453819726-6707f7f2-ce04>

Workplace: The work will be developed at Centro de Química Estrutural, under the scientific supervision of Professor João Alfredo Vieira Canário, project coordinator in Portugal.

Duration: The research fellowship(s) will have the duration of 12 months. It's expected to begin in September 2026 and may be eventually renewed up to the maximum of 18 months, or to the end of the project.

Monthly maintenance allowance: the amount of the monthly maintenance allowance is € 1901, being the payment method by Wire Transfer.

Selection methods: The selection methods will be the following: *Motivation letter, Curriculum evaluation and individual interview* for the first three candidates in the *Curriculum evaluation*, with the respective weight of 5% for the *Motivation Letter*, 70% for the *Curriculum evaluation* and 25% for the *Individual Interview*, and for the maximum of 20 points. Candidates with proven experience in the chemical characterization of natural organic matter in sediments and soils will be valued, as well as experience in fieldwork, particularly in the Arctic and in permafrost environments.

Composition of the selection Jury: João Alfredo Vieira Canário; Rodrigo da Silva Costa; Rute Isabel Talhadas Cesário

Announcement/ notification of the results: The final evaluation results will be communicated to all applicants by email.

Deadlines and procedures of complaint and appeal. After notification of the provisional list of evaluation results, candidates have a period of 10 working days to, if they wish, make a statement at a preliminary hearing of interested parties, in accordance with Articles 121 et seq. of the Code of Administrative Procedure. The final decision will be made after analyzing the statements presented at the preliminary hearing of interested parties. The final decision may be appealed to the competition jury or to the President of IST-ID within 15 working days of notification.

Application deadline and formalization: The call is open from June 12 until June 18, 2026.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/recursos-humanos/bolseiros/#documentos-relacionados>); ii) *Curriculum Vitae*; iii) academic degree certificate; iv) motivation letter; v) declaration on honour that the applicant does not exceed with this contract an accumulated period of three years in this type of fellowship, continuously or with interruptions, within the technological and scientific system, and that the research work that led to the PhD degree was carried out in a different entity from the host institution of the fellowship.

Applications must be submitted to the email: joao.canario@tecnico.ulisboa.pt