

## Research Studentships for Master Students

Applications are open for 1 Research Studentship for Master Students, within the framework of project/1801P.01565.1.01 AQUALEARN, in the institution IST-ID, reference no. 2023.18249.ICDT, financed by national funds through FCT/MCTES (PIDAAC), under the following conditions:

**Scientific Area:** Civil Engineering

**Admission Requirements:** *To be enrolled in the master degree of civil engineering in the Area of Specialization in Hydraulics and Water Resources.*

**Workplan:** Development of methodologies and machine learning algorithms for the detection of anomalous behaviors in flow rate measurements in water distribution networks.

**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; FCT Regulation for Research Studentships and Fellowships, available on <https://dre.pt/application/file/a/127230968> .

**Workplace:** The work will be developed at CERIS (Civil Engineering Research and Innovation for Sustainability) of Instituto Superior Técnico, under the scientific supervision of Profª Dídia Covas.

**Duration:** The research fellowship(s) will have the duration of 6 months. It's expected to begin in February, 2026 and may be renewed.

**Monthly maintenance allowance:** According to the values for Research Fellowships awarded by FCT in Portugal (<https://www.fct.pt/fct-atualizou-o-valor-das-bolsas-para-2025/>), the amount of the monthly maintenance allowance is € 1040,98, being the payment method an option of the Fellow by Wire Transfer/Check.

**Selection methods:** The selection methods will be the following: (i) average grade of the Bachelor's and Master's degrees in Civil Engineering in the area of specialization in Hydraulics and Water Resources (60%); (ii) experience in participating in various projects, activities and initiatives in an academic environment at DECivil, IST (20%); (iii) letter of motivation (20%). If necessary, an individual interview may be conducted which will calculate the arithmetic average with the previous curricular component.

**Composition of the selection Jury:** Prof.ª Dídia Isabel Cameira Covas (president), Prof.ª Marta Sofia Ferreira Martins Mota Cabral (member), Prof.ª Helena Margarida Machado da Silva Ramos (member), Prof. Jorge de Saldanha Gonçalves Matos (member substitute).

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

**Deadlines and procedures of complaint and appeal.** A complaint may be lodged from the final decision within 15 working days, or an appeal to the Executive Board of IST-ID within 30 working days, both counted from the respective notification

**Application deadline and formalization:** The call is open from January 23 until February 5, 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, where applicable; iv) proof of enrollment at an academic degree course (Master, Integrated Master); v) motivation letter;

Applications must be submitted to the email: [didia.covas@tecnico.ulisboa.pt](mailto:didia.covas@tecnico.ulisboa.pt)