

## Call for 1 Research Fellow

We invite applications for one Research Fellowship to work in the project TASSEL - Growth or Relocation? Transport Accessibility and Economic Activity Location (reference: PTDC/GES-GCE/4046/2021). The project is funded by the Portuguese Research Council (Fundação para a Ciência e Tecnologia-FCT) and consists of a joint-project between UECE & CEMAPRE (based at ISEG-ULisboa) and IST-ULisboa. The post holder will work directly with Professors Patricia Melo and Isabel Proença (ISEG), as well as with other project researchers.

<b>Project title</b>	Growth or Relocation? Transport Accessibility and Economic Activity Location
<b>Project reference</b>	PTDC/GES-GCE/4046/2021
<b>Duration of fellowship</b>	12 months
<b>Education level</b>	PhD holder
<b>Salary</b>	1 741.00 €/month
<b>Closing date for applications</b>	21-04-2023
<b>Starting date</b>	May 2023
<b>Workplace location</b>	ISEG-University of Lisbon, Lisbon

### MAIN OBJECTIVES OF THE PROJECT

- The project TASSEL studies the (re)location of economic activity, particularly due to changes in transport accessibility. It will develop empirical models that measure the **causal effect of transport on firm formation and job creation** in Portugal.
- The project TASSEL studies the extent to which the observed effects of transport accessibility on the location of economic activity reflect changes in the level of economic activity (i.e. growth) as opposed to a mere spatial reshuffling of existing activity (i.e. reorganization). That is, the project aims to measure the extent of **displacement effects on the economic geography induced by changes in transport accessibility**.

### ADMISSION & SELECTION REQUIREMENTS:

Applicants to this position, whether nationals, foreigners or stateless persons, must comply with the following admission requirements:

- a) (essential) Hold a doctoral degree in economics or similar field with a strong focus on econometrics.
- b) (essential) Have a good understanding of the empirical techniques to be implemented in the project.
- c) (essential) Have experience implementing econometric techniques and software (e.g. Stata, R), including count data model, discrete choice models, and causal inference methods.
- d) (essential) Have experience working with panel data.
- e) (essential) Have high standard of written and spoken English.
- f) (essential) Have good communication and interpersonal skills.
- g) (desirable) Have evidence of published research.
- h) (desirable) Have experience using spatial analysis and SIG-type software.
- i) (desirable) Have experience working in a project team.
- j) (desirable) Have project management skills.

## **EXPECTED RESEARCH ACTIVITIES & RESPONSIBILITIES:**

The main activities to be developed by the post holder include:

- Develop and carry out theoretically informed and empirically grounded research focusing on the specific project topics, in particular the effects of changes in transportation infrastructure on the spatial location and organization of firms and jobs;
- Develop and implement advanced panel data statistical modelling, including count data models (CDM) and discrete choice models (DCM), causal inference techniques (e.g. DiD, IV, Matching methods, etc.), and also spatial econometrics, using appropriate statistical software such Stata and/or R;
- Develop collaborative research with other project colleagues and research groups;
- Prepare and progress to publication academic papers;
- Present research outputs at conferences and other dissemination groups, including non-academic audiences;
- Contribute to the organisation of project events and activities (e.g. seminars, workshops).
- Contribute to project management activities under supervision of project's PI (Patricia Melo) and Co-PI (Isabel Proença).

## **LEGISLATION FRAMEWORK:**

A fellowship contract will be celebrated between CEMAPRE and the fellowship holder, according to the regulations defined by the Portuguese Research Council (Fundação para a Ciência e a Tecnologia – FCT) under the terms of the Research Scholarship Statute (Law No. 40/2004 of August 18th and Decree-Law No. 123/2019 of August 28th), available at: <https://dre.pt/dre/legislacao-consolidada/lei/2004-58216179>

in accordance with the legislation and regulation of research grants (RBI) of the Foundation for Science and Technology, IP in force, regulation No. 950/2019 of December 16, 2019, available at: [0009100105.pdf \(dre.pt\)](#)

## **FELLOWSHIP DURATION & MONTHLY ALLOWANCE**

The fellowship advertised has a duration of 12 months. The monthly salary amounts to 1 741 €/month for a PhD holder (12 months/year), according to the [standard values published by FCT](#). The fellowship holder will have a personal accident insurance and is entitled to adhere to the voluntary social insurance scheme ([Seguro Social Voluntário](#)), pursuant to Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social. The fellowship will be paid monthly by bank transfer.

## **PLACE OF WORK**

The research activities will be carried out at ISEG's Research Facilities in Lisbon with the possibility of visiting other facilities of other institutions participating in the project, and will be pursued under the scientific guidance of the project PI (Patricia Melo) and Co-PI (Isabel Proença).

## **SELECTION PROCESS**

Eligible applications will be evaluated by a committee. Eligible applications will be ranked according to the admission requirements listed above evaluated on a scale from 1 to 5, rounded to one decimal, according to the following criteria:

- Publications: (45%).
- Experience in empirical work in the project's research topics using econometrics: (45%)
- Motivation letter: (10%)

A maximum of five applicants with an overall score of at least 3.5 may be invited for an interview. Failure to identify suitable candidates with an overall score above the pre-set threshold will result in the cancellation of the call for this position.

## **SELECTION COMMITTEE**

President: Professor Isabel Proença (ISEG & CEMAPRE/REM)

1st Vogal – Doctor Bruno Rocha (ISEG & UECE/REM)

2nd Vogal – Professor Esmeralda Ramalho (ISEG & CEMAPRE/REM)

1st Substitute – Professor Pierre Hoonhout

2nd Substitute – Professor João de Abreu e Silva (ISTécnico)

## **PUBLICATION/NOTIFICATION OF RESULTS**

All candidates will be notified and receive the minutes of the Selection Committee meeting at the email address from which applications were sent. After the provisional list of results is sent, candidates have a period of 10 working days to express dissent at prior hearing of interested parties, under the terms provided for in the Code of Administrative Procedure.

## **APPLICATION DOCUMENTS:**

- **Required documents:** Motivation letter, CV.
- Applications must be sent by e-mail to Isabel Proença [isabelp@iseg.ulisboa.pt](mailto:isabelp@iseg.ulisboa.pt) with the reference “**TASEL/BIPD-applicants surname**”.

## **APPLICATION DEADLINE**

This call for applications is open until **April 21, 2023**.