CEPREDE/UAM

Post-doc hiring position on Input-Output analysis and interregional flow modeling

1. About CEPREDE

The Economic Forecasting Center (CEPREDE) begins in 1981 as a result of work of a group of professors from the Universidad Autónoma de Madrid (UAM www.uam.es) and the support of the Chamber of Commerce and Industry of Madrid and the Fundación Universidad-Empresa (https://fundacionuniversidadempresa.es/es/). CEPREDE (www.ceprede.es) is a non-profit business association open to private corporations, business associations and several Spanish regional governments.

CEPREDE headquarters is set at the Facultad de Ciencias Economómicas y Empresariales, at the Universidad Autónoma de Madrid (UAM), one of the main universities in Spain. Most of CEPREDE's researchers are professors at the UAM or PhD candidates at the UAM.

CEPREDE is a reputed and independent institution in Spain producing economic analysis and forecast, closely related with the L.R. Klein Institute and the UAM. It maintains long scale econometric models, covering the international, national and regional level, with a long tradition in Input-Output analysis and impact evaluation. It also maintains permanent projects and consultation with experts, professional and academic networks (Hispalink project; LINK project; EUREN and AIECE). C-intereg (www.c-intereg.es) is an innovative and solid project within CEPREDE, specifically centered in the estimation and analysis of interregional flows in Spain and the EU, which has produce a long list of datasets, reports and academic papers.

2. About IRiE-ESPON Project

The ESPON IRiE project (´Interregional relations in Europe´) started in May 2020. The general objective is to analyze interregional flows of goods, services, people, capital and Knowledge for the EU27+UK+EFTA countries, to design actions that reduce barriers and facilitate the economic interaction at all these levels. In this framework, the effects of different types of scenarios will be analyzed, such as the Covid-19 epidemic or the Brexit process for the United Kingdom's exit from the European Union. ESPON IRiE will carry out its activity over the next two years and will have a budget of one million euros financed by the European Network of Territorial Planning Observatories (ESPON).

Nasuvinsa, from the Government of Navarra, is responsible for leading a work team made up of the following academic organizations and institutions belonging to six European countries: Center for Economic Prediction – CEPREDE (Spain), University of Eastern Finland (Finland), S&W Urban and Regional Research (Germany), University of Thessaly (Greece), Institute of Geography and Spatial Organization - Polish Academy of Sciences (Poland), Delft University of Technology (Netherlands).

The scope of the Interregional relations in Europe project includes a total of 276 regions of the European Union 28, in addition to all the regions of Norway, Iceland, Liechtenstein, Switzerland and candidate countries

Among the planned actions it is worth highlighting the collection of data through official community organizations, and commercial ones related to each of the flows that are the object of study. The project is expected to produce revolutionary data for the full coverage of region-to-region flows for the whole EU28 plus ESPON countries, including an ambitious list of academic publications as well as policy briefs with impact in the EU main institutions.

This is a unique opportunity for someone willing to boost its academic records in this field.

3. About the position

Within the IRiE project, CEPREDE will be the coordinator of the main tasks related to data production and analysis. To reinforce the current team, CEPREDE wants to hire a qualified researcher able to fulfill the tasks described below.

3.1. Profile

- The candidate is expected to be a young PhD in Economics or related fields, with experience in the field of Input-Output Analysis, and sound use of Interregional IO Tables, at the international or national level.
- Experience in the production or use of Inter-national IRIO databases, such as the WIOD, EORA, EXIOBASE, Eurostat Supply and Use Tables (SUTS)… will be specially valued.
- Experience in the use of techniques for non-survey Input-Output estimation and update will be specially valued. Likewise, experience in the estimation and use of interregional or international flows of goods, services, migration or capital (FDI) will be appreciated.
- The candidate should demonstrate strong computational skills, and a professional use in quantitative packages such as MS Excel plus Stata and/or Matlab and/or R and/or GAMS,…
- Interest and capacity to continue an academic/research carrier within CEPREDE/UAM and to collaborate in other related projects will be also an asset.
- The working language will be English, but the preferred candidate will be bilingual in English and Spanish, something that will expand its capacity to future integrate in further projects.

3.2. Conditions

There are different ways of joining the team of this project. See below our preferred option:

- The candidate will be hired by CEPREDE with a 2 years laboral contract linked to the project. Starting date: September 15th 2020. Ending Date: May 30th 2022.
- The retribution will follow the standard PostDoc research positions in Spain, covering a salary of around 35.000 € for each of the two years, plus the Spanish Social Security.
- Location: Madrid, Spain. CEPREDE is located at the Universidad Autónoma de Madrid, one of the leading universities in Spain.
- After the ESPON project, there can be options to participate in new projects in CEPREDE, something that will be defined depending on the performance and the goals achieved.

- The candidate will work under the supervision of Carlos Llano (director of C-intereg project, Associate Professor at the UAM) and Julián Pérez (director of CEPREDE, Associate Professor at the UAM), with a full enrollment with the rest of the team. It is expected to hold a full agenda of tasks in the project, with a specific focus in the Input-Output estimation and analysis.
- Additional funding for teaching or collaboration in other projects could be considered, but all extra activity should be approved by the project manager and be conditioned to the fulfilment of the tasks assigned in the project.

As an alternative, there could be also a opportunity for the candidate to be recruited by the UAM with a teaching position, usually with a 4 years contract (equivalent to a tenure track position), and to be complemented with extra funding's from CEPREDE's project budget. In this case, the teaching position is competitive, so obtaining it depends on the quality of the CV and the concurrent candidates. Such positions require the candidate to hold a PhD in Economics recognized in Spain plus the ANECA certification as "Profesor Ayudante Doctor" by the date of the open call (i.e. Sept 2020). Note that this process usually takes 4-6 months and requires paperwork, so it is hard to achieve for someone not already set in Spain at this moment.

Candidates are expected to send an email with the CV and a motivation letter to the following email: carlos.llano@ceprede.es with the following "Subject: ESPON-IRIE Project-CEPREDE hiring position". The selection process is expected to be developed between July 16th and August 5th, based on the CVs/motivation letter/online interviews. The hired person is expected to start working in late September 2020, so the candidates will be evaluated as their information arrives. However, we will be happy to receive applications until the end of September 2020.

Due to the COVID-19 restrictions, we are open to discuss alternative ways of collaboration in the early months, in case traveling restrictions arise again.