

Expressions of interest

Forthcoming Open Call for a research position in the Adoption of Additive Manufacturing

(Advanced degree in Economics, Business, Geography or other related fields relevant to the position)

Applications are invited for a research position in Madrid at the Spanish National Research Council (CSIC) to work on a project funded by the Spanish Ministry of Science and Innovation (PLEC2021-007750 - MCIN/AEI /10.13039/501100011033 and European Union NextGenerationEU/ PRTR). The post holder will work at the CSIC Institute of Public Goods and Policies (IPP) in Madrid with Dr. Adelheid Holl, Dr. Catalina Martinez, and Dr. José L. Oviedo for the project **“Disrupting depopulation: Additive Manufacturing as a technological disruption to fight against rural depopulation and social and spatial inequalities”**, an interdisciplinary, collaborative, and stimulating project led by CSIC National Center for Metallurgical Research (CENIM) in collaboration with IPP and other public and private organizations.

In this project, we study the adoption of additive manufacturing, as part of the called fourth industrial revolution or Industry 4.0. Additive manufacturing (AM) is an emergent disruptive technology with the potential to change the future of manufacturing. The question that we will address is if and to what degree new disruptive technologies like additive manufacturing can bring employment back to rural places and help reduce social and spatial inequalities.

JOB DESCRIPTION & RESPONSIBILITIES:

The main duties of the post holder will include:

1. Develop and carry out theoretically informed and empirically grounded research focusing on the project topic, in particular regarding the relationship between the diffusion of advanced manufacturing technologies and the rural-urban spatial structure.
2. Participate in the design of a *stated preference survey*.
3. Develop and implement advanced data statistical modelling, including the analysis of stated preference survey data.
4. Contribute to the preparation of academic papers and presentations.

SELECTION CRITERIA:

To be eligible candidates must hold an advanced degree (Master or PhD in Economics, Business, Geography or other related fields relevant to the position) and have a strong **quantitative** focus. Candidates will be evaluated against the criteria below:

Requirements

Experience in quantitative methods	Essential
Experience in stated preference choice experiments	Additional Plus
Experience with econometric techniques and software (e.g. Stata, R) and packages to analyze stated preference survey data	Essential
Programming skills in relevant packages	Essential
High standard of written and spoken English	Essential
Good communication and interpersonal skills	Essential
Experience working in a project team	Additional Plus
Background in one or more of the following topics: urban and regional economics, spatial economics, economic geography	Additional Plus

Further details:

Hours: full time, but requests for part time and flexible working options will be considered.

Contract: fixed term full time for 12 months, with possibility of extension.

Location: Institute of Public Goods and Policies, Calle Albasanz 26-28, 28037 Madrid, Spain

Salary: dependent on qualification, experience and full time or part time dedication.

Closing date: 1st of February 2022. Expressions of interest must be received by midnight of the closing date.

Expected interview date: February 2022

Expected start date: 15th of April 2022 or as soon as possible thereafter.

Enquiries about the vacancy:

Name: Dr Adelheid Holl

Email: a.holl@csic.es