



## VACANCY CALL

### **WORKPLACE**

Project technician

### **PROJECT NAME**

Sustainable and healthy cities: an open-source approach for the calculation of indicators on urban design and mobility for large Spanish cities

### **RESEARCH LINE OR GROUP** (description )

Project framed in a Leonardo Grant (Fundación BBVA) awarded to Dr. Xavier Delclòs Alió, from the Territorial Analysis and Tourism Studies Research Group (GRATET), of the URV Geography Department.

### **WORKPLACE DESCRIPTION**

The contracted person will be dedicated to the collection of geographical data, as well as the calculation of spatial indicators based on data from the OpenStreetMap and official cartography at the Spanish State level through the use of geographic information systems and Python libraries. Once these indicators are calculated, a comparative analysis between cities will have to be carried out, as well as internally for each city. To do so, descriptive analyzes will have to be carried out both at a statistical and cartographic level, as well as possibly advanced spatial analyses.

### **PROFILE OF THE CANDIDATE** (minimal training required)

- University education in a discipline related to the theme of the project (geography, urban or architectural studies, environmental sciences, public health, physical activity, geographic information systems, or others that can be justified).

### **ADDITIONAL SKILLS**

- Advanced level in the use of geographic information systems.
- Domain of the Python programming language, or similar

### **WILL BE VALUED**

- High level of English.
- Knowledge in advanced statistical analysis
- Ability for personal relationships.
- Motivation, creativity, initiative and proactive attitude.
  
- Capacity for continuous learning, flexibility and adaptability.
- Commitment to quality, optimizing resources and achieving results.



- Teamwork skills, ability to work autonomously, organization, friendliness, dynamism, versatility, rigour, responsibility and confidentiality.

### **WORKING CONDITIONS**

- Full time position (37,5 hours/week)
- Work place: Faculty of Tourism and Geography of the Rovira i Virgili University, C/ Joanot Martorell, 15, 43480 Vila-seca, Tarragona, Spain.
- Contract: Indefinite scientific-technical activities ( art. 23 bis of the Science Law)
- Category: GROUP 2
- Initial duration: 6 months with the possibility of 12 months
- Gross salary: 24.312,05€ year
- Approximate starting date: end of November

### **SELECTION PROCEDURE**

- Selection of CV's: Identification of suitable and unsuitable CVs according to required skills. Applicants who do not meet the requirements indicated will not proceed to the next phase.

- CV Evaluation SCORING: 50

- Degree: 15 points
- Domain of the Python programming language, or similar: 15 points
- Knowledge in advanced statistical analysis: 15 points
- High level of English: 5 points

- Personal interview SCORING: 50

In the event of a tie between people of different gender, the person of the least represented gender in the work group, department or service, will be hired.

### **SELECTION COMMITTEE**

- President: Xavier Delclòs Alió (Postdoctoral Researcher, Geography Department, Rovira i Virgili University)
- Member 1: Aaron Gutiérrez Palomero (Associate Professor, Geography Department, Rovira i Virgili University)

### **SUBSTITUTES:**

- Benito Zaragozaí Zaragozaí (Associate Professor, Geography Department, Rovira i Virgili University)



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- Salvador Anton Clavé (Professor, Geography Department, Rovira i Virgili University)

With the approval of :

- Lourdes Jane (CTTi Director)

### **CANDIDATURES**

- Send your CV through the FURV website (<https://www.fundacio.urv.cat/ca/fundacio/borsa-treball/>)

**DEADLINE FOR RECEIPT OF CV** 15/11/2022

### **COMMUNICATIONS**

The FURV will publish on its website the list of admitted and excluded applicants, as well as the final report with the scores obtained by them.