



Euraxess Job offer

Mandatory	Optional
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Project information

Funded program	Call for postdoctoral candidates interested in applying for a Marie Curie Individual Fellowship in the field of "Movement and Spatial Ecology"
IP	Jacob González-Solís
Institute/Department	Biodiversity Research Institute (IRBio-UB), Department of Evolutionary Biology, Ecology and Environmental Sciences (dept.BEECA) at Universitat de Barcelona (UB)

General job offer information

Application deadline (internal)	1st July	
Required documents	CV and motivation letter, 2 recommendation letters	
Send your application to:	Name	Option 1: Jacob Gonzalez-Solí Option 2: Frederic Bartumeus
	email	Option 1: jgsolis@ub.edu Option 2: fbartu@ceab.csic.es
	email subject	(MSCA IF postdoctoral candidate)
Contact Person:	Name	
	email	
	Phone	

Basic information

Job description

Title	MSCA Individual Fellowship
Offer description <i>Project description, responsibilities, functions and/or tasks of the position, PhD program, etc.</i>	<p>Are you a postdoctoral researcher thinking about your next career move? The Marie Sklodowska-Curie (MSCA) Individual Fellowships are a great option if you are an experienced researcher looking to give your career a boost by working abroad.</p> <p><u>Group and project information</u></p> <p>Understanding the fishery footprint on marine ecosystems. Modelling spatiotemporal fishery efforts at high-resolution is crucial for understanding the impact of fisheries on marine ecosystems, which is a major global concern. The aim of the proposed research program is to quantify fishery activity of the Spanish fleet based on multisource geopositioning data including VMS (2 hour resolution), AIS (5 min resolution), and GPS (1 min resolution) data logger, obtained in combination with onboard observations. Big data modelling of these datasets is expected to allow us to infer the type of fishery and fishery activities based on their motion (e.g. trajectory statistics, diffusive properties, home ranges). This information is crucial to evaluate the risk of seabird bycatch and understand its impact on seabird populations. The interaction between seabirds and fisheries will also be studied by combining modelled vessel information with seabird tracking including the deployment of radar boat detection on seabirds. We are also keen to use these datasets to understand the fishery footprint on marine ecosystems more generally.</p> <p>This is a collaboration between two research groups. The major research lines and publications records of each group are outlined in the following links:</p>



	<p>www.theelab.net www.gonzalez-solis.com</p> <p><u>Support for applicants</u></p> <p>The International Research Projects Office at the University of Barcelona offers support to applicants (eligibility check, info sessions, feedback on the draft proposal) and has recently launched a Mentoring program specifically designed for MSCA applicants (subject to availability)</p> <p>The project manager from IRBio offers support the applicant during the writing proposal with the supervisor and the International Research Project Office.</p>
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Work location

Department / Centre	Department of Evolutionary Biology, Ecology, and Environmental Sciences. University of Barcelona.		
Website	http://www.ub.edu/beat/ http://www.ub.edu/irbio/		
Street	Avda. Diagonal 643	Postal Code	08028
City	Barcelona	State	Spain

Requirements

Required Education Level <i>Select one</i>	Bachelor Degree or equivalent	
	Master Degree or equivalent	
	<input checked="" type="checkbox"/> PhD or equivalent	
Skills/Qualifications	Good record of publications in highly ranked journals. Some experience with movement and spatial data analysis (GIS), and database management. Quantitative background in data science from any scientific discipline like engineering, physics, or biology.	
Specific requirements	Programing skills with R, python or C++ (in this order).	
Required languages	Language	Level <i>Basic/Good/Excellent/Mother tongue</i>
	English	Excellent
	Spanish (recommended but not obligatory)	Basic

Additional information

Website for additional job details	
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Selection process

Eligibility criteria	Described in the Guide for Applicants
Selection process	We will internally evaluate the candidate's CV and motivation letter and contact them by the 10th of July.

Additional comments

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Una vegada degudament complimentat l'anterior formulari, faci'ns-el arribar al correu electrònic recerca.europea@ub.edu per tal que des de l'OPIR iniciem el procés de publicació de l'oferta a EURAXESS.