

**Part A. PERSONAL INFORMATION**

<b>CV date</b>	13/04/2023
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First and Family name	Oliver Gutiérrez Hernández		
ID number	53366292J	Age	40
Researcher codes	Open Researcher and Contributor ID (ORCID)	0000-0003-2580-5465	
	SCOPUS Author ID (*)	57201520119	
	WoS Researcher ID (*)	W-8119-2019	

(\*) Optional  
(\*\*) Mandatory

**A.1. Current position**

University	University of Malaga (UMA)		
Department	Geography		
Address and Country	29010 Teatinos – Malaga - Spain		
Phone number	951953293	E-mail	olivergh@uma.es
Current position	Assistant Professor	From	2022
Keywords	Physical geography; Biogeography; Global change; <i>Abies pinsapo</i>		

**A.2. Education**

PhD, Licensed, Graduate	University
PhD in Physical Geography	University of Seville
Master's Degree in Geographic Information System	University of Girona
Master's Degree in Global Change	University of Cordoba
Degree in Geography	University of Málaga

**CV SUMMARY** (max. 3500 characters, including spaces)

Oliver Gutiérrez Hernández is a mid-career professor with expertise in physical geography, observational and experimental ecology, environmental monitoring and modelling, geographic information systems, and remote sensing of vegetation.

He has worked in a variety of fields, including research (research organisations), education and teaching (universities), and environment management (consulting firm). As a result, he now has a background that spans many fields. Oliver Gutiérrez Hernández worked as a professional geographer for five years, beginning in 2006, in environmental-related businesses. During this time, he participated in more than 30 projects involving technical assistance and consulting.

His academic career began at the University of Malaga, where Oliver Gutiérrez Hernández studied geography. In 2012, he carried out undergraduate research under the umbrella of the JAE–Predoc competitive research grant by the Spanish Government to develop a research period in the Institute of Natural Resources and Agrobiology of Seville (IRNAS–CSIC). In 2013, Oliver Gutiérrez Hernández completed his studies related to the Master's Degree in Global Change at the University of Cordoba. One year later, he also completed his studies related to the Master's Degree in Geographic Information Systems (GIS) at the University of Girona. From 2017 to 2021, Oliver Gutiérrez Hernández worked as an adjunct professor at the University of Malaga. In 2017 and 2018, his scientific achievements were recognised with two Young Research Awards from the Spanish Geographical Association (AGE), both for two investigations respectively: 1) on the impact of climate change on the distribution and survival of the Spanish fir (*Abies pinsapo*) forest; 2) on the role of geographical dimensions in biological invasions and global environmental change. In 2019, he obtained a Doctorate in Geography and Environment at the University of Seville. Because of these achievements, he was accredited by ANECA as *Profesor Contratado Doctor (Lecturer)* and *Profesor Ayudante Doctor (Assistant Professor)*.



There have been several significant milestones in Oliver Gutiérrez Hernández's academic career in 2021 and 2022. He was appointed as an assistant professor at the Autonomous University of Madrid (UAM) and subsequently received the prestigious Margarita Salas Fellowship for postdoctoral research in Spain, Mexico, and Italy. Oliver Gutiérrez Hernández also gained international recognition for his research on the distribution of SARS-CoV-2 when he received the Association of Spanish Geographers (AGE) and the Ibero-American Society of Biogeography (SIB) International Award. Additionally, he secured assistant professor positions, firstly at the University of Granada (UGR); and finally at the University of Malaga (UMA), where he is currently an assistant professor.

Oliver Gutiérrez Hernández has published 67 articles, book chapters, and conference proceedings, 60 as first author or corresponding author. Moreover, he is a scientific evaluator for many international high-impact journals (mostly indexed in WOS). He has reviewed over 60 articles (verified in Web of Science) for many international high-impact journals (mostly indexed in WOS). The State Research Agency (AEI) has appointed him to its panel of evaluators since mid-2021.

## RELEVANT MERITS

### C.1. Selected Recent Publications

#### **Book chapter:**

Gutiérrez-Hernández, O. & Rubio Díaz, A. 2023. Jellyfish distribution and abundance on the southern coast of the Iberian Peninsula. In: *Sustainable Development Goals in Europe. Key Challenges in Geography*, 281-299. Springer. [https://doi.org/10.1007/978-3-031-21614-5\\_14](https://doi.org/10.1007/978-3-031-21614-5_14)  
[Publisher ranked in SPI 2018; International Publishers (Q1, Geography: 1st position, ICEE: 72)]

#### **Scientific paper:**

Gutiérrez-Hernández, O. 2022. Recent NDVI trends in Andalusia (southern Spain): the limits of vegetation greening. *Boletín de la Asociación De Geógrafos Españoles (94)*. doi: <https://doi.org/10.1016/j.envres.2021.110818>  
[Journal ranked in JCR 2020 - SSCI: Geography (Q4), Impact Factor: 1.182]  
[Journal ranked in SJR 2020, Geography, Planning and Development (Q2): 0.37]

#### **Scientific paper:**

Gutiérrez-Hernández, O.; García, L. V. 2021. On the usefulness of the bioclimatic correlative models of SARS-CoV-2. *Environmental Research* 195, 110818, doi: <https://doi.org/10.1016/j.envres.2021.110818>  
[Journal ranked in JCR 2020 - SCI: Q1: Environmental Sciences; Impact factor: 6.498]

#### **Book chapter:**

Gutiérrez-Hernández & García, L. V. .2021. Relationship between precipitation and species distribution. In: *Precipitation. Earth Surface Responses and Processes*. Elsevier. ISBN: [9780128226995](https://doi.org/10.1016/j.envres.2021.110818)  
[Publisher ranked in SPI 2018; International Publishers (Q1, Geography: 2st position, ICEE: 55)]

#### **Scientific paper:**

Gutiérrez-Hernández, O., & García, L. V. (2021). Multiplicity Eludes Peer Review. *International Journal of Environmental Research and Public Health*, 18(17), 9304. <https://doi.org/10.3390/ijerph18179304>  
[Journal ranked in JCR 2020 - SCI: Q1: Public & Environmental; Impact factor: 3.390]

#### **Scientific paper:**

Gutiérrez-Hernández, O.; García, L. V. 2021. Increased risk of COVID-19 from walking dogs? Most likely, a spurious finding. *Environmental Research* 201, 111600, DOI: <https://doi.org/10.1016/j.envres.2021.111600>  
[Journal ranked in JCR 2020 - SCI: Q1: Environmental Sciences; Impact factor: 6.498]



#### **Scientific paper:**

Gutiérrez-Hernández, O., & García, L. V. 2020. Do weather and climate influence the distribution of the novel coronavirus (SARS CoV-2)? A review from a biogeographical perspective. *Investigaciones Geográficas*, 73, 31. <https://doi.org/10.14198/INGEO2020.GHVG>

[Journal ranked in SJR 2020, Ecology, Planning and Development (Q3): 0.29]

[Journal ranked in FECYT Seal of Quality 2020, Geography (Q1, 4th position): 64.61]

#### **Book chapter:**

Gutiérrez Hernández, O. 2019. Introducción a las Simulaciones Geomáticas: teoría y práctica. In *Las humanidades en el mundo digital / El mundo digital en las humanidades*; Tirant Humanidades: Valencia: 83–92. ISBN: [9788417706371](https://doi.org/10.1007/9788417706371)

[Publisher ranked in SPI 2018; Spanish Publishers (Q1, 1st position), ICEE: 1037.000]

#### **Scientific paper:**

Gutiérrez Hernández, O., & García, L. V. (2019) The geographical dimension of biological invasions in the Anthropocene: the case of *Xylella fastidiosa*. *Boletín de la Asociación De Geógrafos Españoles*, (80). <https://doi.org/10.21138/bage.2771>

[Journal ranked in JCR 2020 - SSCI: Geography (Q4), Impact Factor: 1.182]

[Journal ranked in SJR 2020, Geography, Planning and Development (Q2): 0.37]

#### **Scientific paper:**

Gutiérrez Hernández, O. 2018. Impact of global warming on the distribution and survival of the Spanish fir (Serrania de Ronda, Southern Spain). *Boletín de la Asociación de Geógrafos Españoles* 76, 504–549, doi: <https://doi.org/10.21138/bage.2532>

[Journal ranked in JCR 2020 - SSCI: Geography (Q4), Impact Factor: 1.182]

[Journal ranked in SJR 2020, Geography, Planning and Development (Q2): 0.37]

#### **Scientific paper:**

Gutiérrez-Hernández, O.; Cámara-Artigas, R.; García, L. V. 2018. Regeneration dynamics of the Baetic Spanish fir forests. Inter-annual and seasonal trends analysis of NDVI. *Pirineos.*, 173, e035, doi: <https://doi.org/10.3989/pirineos.2018.173002>

[Journal ranked in SJR 2020, Ecology, Planning and Development (Q3): 0.26]

#### **Scientific paper:**

Gutiérrez Hernández, O.; Cámara Artigas, R.; Senciales González, J.M.; García, L. V. 2018. Predictive modelling in Biogeography: applying ecological niche modelling in Physical Geography. *Boletín de la Asociación de Geógrafos Españoles* 78, 88–126, doi: <https://doi.org/10.21138/bage.2395>

[Journal ranked in JCR 2020 - SSCI: Geography (Q4), Impact Factor: 1.182]

[Journal ranked in SJR 2020, Geography, Planning and Development (Q2): 0.37]

## **C.2. Research projects**

### **Research project nº 1:**

**Name of the project:** Reconstrucción paleobiogeográfica de *Abies pinsapo* Clemente Ex Boiss. A partir del análisis pedoantracológico: nuevos datos para la gestión de la especie y su hábitat.

**Funding entity:** Spanish Ministry of Science and Innovation (MICINN).

**Entity where the project took place:** University of Granada

**Name principal investigator:** José Gómez Zotano

**Nº of researchers:** 10

**Contribution:** Technician.

**Start date & End date:** 01/01/2018 - 31/12/2020

**Total amount:** 48.000 €



**Research project nº 2:**

**Name of the project:** Interactive effects of climate change and exotic pathogens on biotic communities of mixed Mediterranean forests (INTERCAPA)

**Funding entity:** Spanish Ministry of Science and Innovation (MICINN).

**Entity where the project took place:** Institute of Natural Resources and Agrobiology of Seville - State Agency Spanish National Research Council (IRNAS–CSIC)

**Name principal investigator:** Lorena Gómez Aparicio

**Contribution:** Researcher.

**Start date & End date:** 2015 - 2018

**Total amount:** 179.000 €

**Research project nº 3:**

**Name of the project:** Biogeochemical alterations by wading birds in Mediterranean terrestrial ecosystems (BIOGEOBIRD).

**Funding entity:** Economy, Innovation and Science Regional Ministry of Andalucía (CICE).

**Entity where the project took place:** Institute of Natural Resources and Agrobiology of Seville - State Agency Spanish National Research Council (IRNAS–CSIC)

**Name principal investigator:** Luis Ventura García Fernández

**Contribution:** Researcher.

**Start date & End date:** 01/01/2011 - 01/01/2014

**Total amount:** 151.649 €

**Research project nº 4:**

**Name of the project:** Cork oak decline and global change in the Doñana National Park: an experimental approach (DECALDO).

**Funding entity:** National Parks Autonomous Agency (OAPN).

**Entity where the project took place:** Institute of Natural Resources and Agrobiology of Seville - State Agency Spanish National Research Council (IRNAS–CSIC)

**Name principal investigator:** Luis Ventura García Fernández

**Contribution:** Researcher.

**Start date & End date:** 01/01/2010 - 31/12/2012

**Total amount:** 125.915 €

**Research project nº 5:**

**Name of the project:** Resistance inducers to stop the destruction of ecosystems threatened by exotic pathogens: the study case of the centennial cork oak forest of Doñana (INREPAX)

**Funding entity:** BBVA Foundation.

**Entity where the project took place:** University of Córdoba.

**Name principal investigator:** María Esperanza Sánchez Hernández

**Contribution:** Researcher.

**Start date & End date:** 17/10/2016-31/12/2018

**Total amount:** 100.000 €

**Research project nº 6:**

**Name of the project:** The role of plant-soil feedbacks in the community dynamics of declining *Quercus* forests (RETROBOS)

**Funding entity:** Spanish Ministry of Science and Innovation (MICINN).

**Entity where the project took place:** Institute of Natural Resources and Agrobiology of Seville - State Agency Spanish National Research Council (IRNAS–CSIC)

**Name principal investigator:** Lorena Gómez Aparicio

**Contribution:** Technician.

**Start date & End date:** 2012-2014

**Total amount:** 141.570