

Carmen Galán Acedo

Curriculum Vitae

E-mail: cgalanac@gmail.com

Citizenship: Spanish

Current address: Ottawa, K1R 5J6, Ontario, Canada

Phone number: +1 3434629688

Website: <https://carmengalanacedo.github.io/>

[Google Scholar](#)

Impact Measures (Google Scholar)		
Total citations		1162
h-index		13
i10-index		15
Students Supervisions		
MSc		4
Participation in Students' Committees		
PhD		1
MSc		2
Scientific Dissemination		
Participation in Scientific Meetings		16
Peer-reviewed journal articles		22
Book chapters		5

Education

- 2014-2019** **Ph.D in Biological Sciences (Ecology)**
National Autonomous University of Mexico (UNAM), Mexico.
Mention of honor award.
Dissertation: "*Primate responses to landscape structure in anthropic landscapes*"
Advisor: Dr. Víctor Arroyo-Rodríguez.
- 2012-2014** **M.Sc. in Primatology**
University of Barcelona (UB), Spain.
Dissertation: "*Geographic Information System analysis of the fragmented habitat of howler monkeys (Alouatta palliata mexicana) in the Volcán de San Martín (Los Tuxtlas)*"
Highest grade of the master's program for the year (9.75/10 score)
Advisor: Dr. Joaquim Veà Baró.
- 2008-2012** **B.Sc. in Psychology**
University of Barcelona (UB), Spain.

Affiliation and employment

- July 2022-
(currently)** **Postdoctoral researcher**
Geomatics and Landscape Ecology Lab (GLEL), Carleton University, Canada.
Advisor: Dr. Lenore Fahrig.
- February 2020-
February 2022** **Postdoctoral researcher**
Universidad Nacional Autónoma de México (UNAM), Mexico.
Advisor: Dr. Fernando Antonio Rosete-Vergés.
- January 2020** **Accepted as a postdoctoral researcher**
Northwest University, Xi'An, China.
Advisor: Dr. Songtao Guo and Dr. Colin Chapman.
The postdoctoral position was cancelled due to the COVID-19 pandemic.
- July 2019-
October 2019** **Geographic Information Systems technician**
Cyient Europe Ltd. Reading, United Kingdom.

Research stays

- February 2021-
February 2022** **Instituto de Ecología, INECOL**
Evolutionary Macroecology Lab, Xalapa, Mexico.
Principal Investigator: Dr. Fabricio Villalobos.
Project: "*Assessing the global impact of landscape structure and its predictors on primates*".
- January 2018-
June 2018** **Imperial College London**
Silwood Park, Berkshire, United Kingdom.
Principal Investigator: Dr. Robert Ewers.
Project: "*Primate responses to landscape structure in anthropic landscapes*".

Funding history - Research grants

- 2020-2024** He G., Songtao, G. **Galán-Acedo, C.**, Chapman, C. **National Science Foundation of China. 18650€.**
Project: “*Strategical Selection of Nocturnal Sleeping-site for Adaptation to Low-temperature by the Sichuan Snub-nosed Monkeys in Qinling Mountains, China*”
- 2023** **Galán-Acedo, C. Ottawa Field Naturalist Club. 1200€.**
Project: “*Mammals monitoring with drones: identifying the best flight parameters to maximize animal detectability*”
- 2020** **Galán-Acedo, C.**, Chapman, C. **Idea Wild (material).**
Project: “*Back to the future: drivers of forest landscape restoration success on Rhinopithecus roxellana*”
- 2020** **Galán-Acedo, C.**, Chapman, C., Songtao, G. **Primate Conservation Inc. 2400€.**
Project: “*Back to the future: drivers of forest landscape restoration success on Rhinopithecus roxellana*”
- 2014-2018** Arroyo-Rodríguez, V., Tabarelli, M., Melo, F., ..., **Galán-Acedo, C.**, et al. **CONACyT. 29000€.**
Project: “*Impacto del contexto regional y paisajístico sobre la biodiversidad en bosques tropicales fragmentados: los árboles y primates como estudios de caso*”
- 2015** **Galán-Acedo, C.**, Arroyo-Rodríguez, V. **Rufford Small Grant. 2350€.**
Project: “*Conservation of Mexican primates in fragmented landscapes: identifying threats and appropriate management strategies at different scales*”

Funding history - Academic fellowships

- 2020-2022** **Postdoctoral fellowship. DGAPA.** Dirección General de Asuntos del Personal Académico, National Autonomous University of Mexico (UNAM). **1700€/month.**
Fellowship received to conduct postdoctoral research. This is the most prestigious postdoctoral fellowship in Mexico.
- 2020-2022** **Level 1 of the National System of Researchers in Mexico.** Government of Mexico. **800€/month.**
This is a financial incentive offered by the Mexican government to researchers based on their scientific productivity.
- 2014-2019** **CONACyT scholarship** (project 2015-253946) for “*Primate responses to land use change in anthropic landscapes*”. **750€/month.**
Fellowship received during my PhD studies in Mexico to support personal expenses.
- 2013-2014** **CCiT fellowship.** Scientific and Technologic Centers. University of Barcelona, Spain. **600€/month.**

Scientific collaborator with the research group "Development, Teaching, and Learning for Deaf and Deafblind Individuals.". During this time, I worked on a project that aimed to investigate the role of mirror neurons in learning sign language.

- 2012** **ERASMUS fellowship.** European Union. **900€/month.**
The fellowship supported my studies and living expenses during my time abroad for an academic year in Porto, Portugal.
- 2010-2013** **APRELS fellowship** (SGR 2009-830). University of Barcelona, Spain. **500€/month.**
Scientific collaborator with the research group "Development, Teaching, and Learning for Deaf and Deafblind Individuals." during my undergraduate studies.

Training and Supervisory Experience - Students' supervision

- May 2024-
December 2024** **Visiting MSc student:** Zilva van Rossum.
MSc in University of Amsterdam, Netherlands.
Project: "*Assessing the effect of landscape quality and heterogeneity on the Glanville fritillary butterfly genetics*".
Role: Advisor.
- January 2024-
July 2024** **Visiting MSc student:** Thomas Beard.
MSc in Université de Franche-Comté.
Project: "*Assessing the conservation value of small patches for primates*".
Role: Advisor.
- September 2023-
September 2024** **MSc student:** Katia Repullés.
MSc in Primatology, Universidad de Girona (UdG), Spain.
Project: "*Effects of habitat loss and fragmentation on Alouatta guariba*".
Role: Advisor.
- September 2022-
September 2024** **MSc student:** Paulina Aguirre García. MSc in Neuroethology, Universidad Veracruzana (UV), Mexico. Project: "*Global drivers of primates' road-kills*".
Role: Advisor.

Training and Supervisory Experience - Participation in students' committees

- 2024-2026** **MSc Student:** Lily Charles
MSc in Biology, University of Ottawa, Canada.
Ongoing.
- 2020-2024** **PhD Student:** Eduardo José Pinel Ramos
PhD in Behavioral Ecology, Neuroethology, Universidad Veracruzana (UV), Mexico.
Gradu
- 2022-2024** **MSc Student:** Eric Maquignaz
MSc in Ecology, Carleton University, Canada.

Teaching

- 2021-2024** Instructor in “*Foundations of landscape ecology applied to the study of primates*”. Universitat de Girona (UdG), Spain.
- 2022** Instructor in “*Understanding and measuring patch and landscape metrics in ecological studies*”. Universidad Michoacana, Mexico.
- 2020-2021** Guest lecturer in “*Advancements in fieldwork methods for behavioral biology*”. Universidad Veracruzana (UV), Mexico.

Fieldwork experience

- 2016-2017** Los Tuxtlas, Veracruz; Valle de Uxpanapa, Veracruz (Mexico). Ecology and census of the Mantled howler monkey (*Alouatta palliata mexicana*) and Geoffroy’s spider monkey (*Ateles geoffroyi*) in tropical rainforests.
- 2015** Selva Lacandona, Chiapas; Chiapas (Mexico). Ecology and census of the Mantled howler monkey (*Alouatta palliata mexicana*), the Black howler monkey (*Alouatta pigra*) and the Geoffroy’s spider monkey (*Ateles geoffroyi*) in tropical rainforests.
- 2013** Los Tuxtlas, Veracruz (Mexico). Ecology and census of the Mantled howler monkey (*Alouatta palliata mexicana*) in tropical rainforests.

Participation in Scientific Committees

- 2025** Member of the scientific committee of the **61st Annual Meeting of the Association for Tropical Biology and Conservation (ATBC)**, Oaxaca, Mexico.

Languages

Spanish and **Catalan** as native language.

English Overall IELTS Band 8 (of 9). October 2023.

Currently learning **French** (6-hour weekly course offered by the government of Quebec, Canada).

Basic knowledge of **Italian** and **Portuguese**.

Peer review of Manuscripts

Reviewer for the following journals:

Biological Conservation, IF: 5.9

Biological Reviews, IF: 14.3

Caldasia, IF: 0.6

Climatic Change, IF: 4.8

Ecological Modelling, IF: 3.1

Environmental Science and Pollution Research, IF: 5.8

Global Ecology and Biogeography, IF: 6.9

International Journal of Primatology, IF: 2.6

Journal of Applied Ecology, IF: 5.7

Journal of Biogeography, IF: 3.4

Landscape Ecology, IF: 4

Nature Communications, IF: 16.6
Perspectives in Ecology and Conservation, IF: 4.7
Oikos, IF: 3.4
Trends in Ecology and Evolution, IF: 16.8
Trees, forests and people, IF: 2.7
Zoology, IF: 1.7

Editorial

Member of editorial board for the journal *Frontiers in Environmental Science*, IF: 3.3

Computational Skills

Very good knowledge

R
ArcGIS
Patch analyst
Microsoft office

Good knowledge

Google Earth Engine
CiteSpace

Intermediate knowledge

NetLogo

Involvement with the University

**September 2024-
September 2025**

Backup representative of the postdoctoral fellows in the Department of Biology at Carleton University

**October
Present**

2023- Communications Chair of the Carleton University Postdoctoral Union.

**January
January 2024**

2023- Lead of the weekly scientific discussion sessions of the Geomatics and Landscape Ecology Lab, Carleton University.

Participation in Scientific Meetings

1. Organizer of the symposium 'Understanding the main predictors of biodiversity loss in human modified tropical landscapes' (accepted). **2025. 61st Annual Meeting of the Association for Tropical Biology and Conservation (ATBC)**, Oaxaca, Mexico.
2. Pinel-Ramos, E.J., A. Filippo, **C. Galán-Acedo**, S. Wich, A. Hutschenreiter, L. Figueiredo-Passos, D. Spaan. **2024**. Influencia de la calidad del paisaje sobre la presencia de monos araña en fragmentos de bosque maduro. **V Congreso Latinoamericano de Primatología**. Colombia.
3. Aguirre-Garcia, P., C. Galán-Acedo, D. Spaan. **2024**. ¿Qué rasgos biológicos afectan al uso de carreteras por parte de primates? **Simpósio de Neuroetología**. Mexico.
4. **Galán-Acedo, C.**, L. Fahrig. **2024**. The effects of fragmentation per se on patch occupancy are stronger and more positive in a landscape with a higher quality and more homogeneous matrix. **7th European Congress of Conservation Biology**. Italy.
5. Aguirre-Garcia, P., **C. Galán-Acedo**, D. Spaan. **2023**. Influencia de los rasgos biológicos en el uso de carreteras por primates. **REFAMA**. Mexico.

6. **Galán-Acedo, C.**, D. Spaan, J. C. Bicca-Marques, R. B. Azevedo, F. Villalobos, F. Rosete-Vergés. **2022**. Regional deforestation drives the impact of forest cover and matrix quality on primate species richness. [Joint Meeting of the International Primatological Society and the Latin American Society of Primatology](#). Ecuador.
7. **Galán-Acedo, C.**, R. Arasa-Gisbert, V. Arroyo-Rodríguez, M. Martínez-Ruiz, F. Rosete-Vergés, F. Villalobos. **2022**. Efectos lineales y no lineales de la deforestación en primates brasileños: evaluando umbrales de extinción. [VIII Congreso Mexicano de Ecología](#). Mexico.
8. **Galán-Acedo, C.**, V. Arroyo-Rodríguez, E. Andresen, P. A. Dias. **2021**. La respuesta de los primates a la estructura de paisajes antropizados depende del contexto regional. [VII Congreso Nacional de Fauna Nativa en Ambientes Antropizados](#) (online).
9. **Galán-Acedo, C.**, V. Arroyo-Rodríguez, E. Andresen. **2020**. El valor de conservación de los paisajes antrópicos para los primates. [Congreso LACA \(Latin America & Caribbean Section\)](#). México.
10. Arroyo-Rodríguez, V. & **C. Galán-Acedo**. **2020**. Resposta dos primatas às mudanças NA estrutura da paisagem: Uma avaliação global. [Sociedade Brasileira de Primatologia](#). Brasil.
11. **Galán-Acedo, C.** & V. Arroyo-Rodríguez. **2017**. Identifying the landscape sizes that best predict primate responses to landscape structure. [54th Annual Meeting of the Association of Tropical Biology and Conservation](#). Mexico.
12. Dunn J., M. Alcocer-Rodríguez, **C. Galán-Acedo**, J. Cristobal-Azkarate, N. Asensio, V. Arroyo-Rodríguez, K. Rito & J. Veà. **2017**. Evaluating extinction debt in the critically endangered Mexican howler monkey. [54th Annual Meeting of the Association of Tropical Biology and Conservation](#). Mexico.
13. Arroyo-Rodríguez, V., **C. Galán-Acedo**, E. Andresen & E. Vega. **2017**. The conservation value of matrix composition for primates in fragmented habitat. [54th Annual Meeting of the Association of Tropical Biology and Conservation](#). Mexico.
14. **Galán-Acedo, C.**, V. Arroyo-Rodríguez, G. Ramos-Fernández & A. Estrada. **2017**. Determinantes de la escala espacial que mejor predicen las respuestas de los primates a la estructura del paisaje. [III Congreso Latinoamericano de Primatología](#). Mexico.
15. Arroyo-Rodríguez, V. & **C. Galán-Acedo**. **2017**. The importance of landscape composition for primates in human-modified habitats. [III Congreso Latinoamericano de Primatología](#). Mexico.
16. Alcocer-Rodríguez M., **C. Galán-Acedo**, E. Rodríguez-Luna, J.C. Dunn, J. Cristóbal-Azkarate & J. Veà. **2015**. Howler monkey (*Alouatta palliata mexicana*) demographic and habitat changes over a 13-year period in a fragmented landscape of Los Tuxtlas. [Coloquio Estudiantil: Perspectivas Actuales de la Primatología en México](#). Mexico.
17. **Galán-Acedo, C.**, M. Alcocer-Rodríguez, E. Rodríguez-Luna, J.C. Dunn, J. Cristóbal-Azkarate & J. Veà. **2014**. Howler monkey (*Alouatta palliata mexicana*) demographic and habitat changes over a 13-year period in a fragmented landscape of Los Tuxtlas. [25th International Primatological Society Congress](#). Vietnam.