



Lucas Joaquin Carboni

ID: CA71654WH | **Date of birth:** 24/11/1992 | **Place of birth:** Buenos Aires, Argentina |

Nationality: Argentinian, Italian | **Gender:** Male | **Phone number:**

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● ABOUT ME

I am an Environmental Sciences professional with a PhD and experience in scientific research and university teaching. Throughout my career, I have developed advanced skills in informatics, data analysis, and technical reporting, with publications in internationally recognized journals. I also have solid fieldwork experience. I consider myself dynamic, flexible, and motivated to learn new skills, with a strong aptitude for teamwork. Since moving to Italy in March, I have gained experience in a temporary position as an agricultural worker on the Amalfi Coast. I currently live in the Piedmont region and am seeking new professional opportunities.

● EDUCATION AND TRAINING

01/09/2019 – 19/06/2025 Buenos Aires, Argentina

PHD IN AGRICULTURAL SCIENCES Facultad de Agronomía, Universidad de Buenos Aires, Argentina

Website <https://epg.agro.uba.ar/> | **Field of study** Natural environments and wildlife

01/07/2012 – 26/06/2019 Buenos Aires, Argentina

BACHELOR'S DEGREE IN ENVIRONMENTAL SCIENCES Facultad de Agronomía, Universidad de Buenos Aires, Argentina

Website <https://www.agro.uba.ar/> | **Field of study** Environmental sciences

07/2018 – 08/2018 Buenos Aires, Argentina

INTERNAL AUDITOR IN ENVIRONMENTAL MANAGEMENT SYSTEM ISO 14001:2015/19011 Universidad Tecnológica Nacional (UTN, Argentina)

Website <https://www.utm.edu.ar/es/> | **Field of study** Environmental protection technology

● CERTIFICATIONS

Manager Srl (Torino, Italia), 09/12/2025

General Workplace Safety Training – D.Lgs. 81/08 (Italy).

The certificate is issued in accordance with the Agreement of 21 December 2011 and subsequent amendments of 7 July 2016, approved by the Permanent Conference for relations between the State, the Regions and the Autonomous Provinces of Trento and Bolzano, and is valid throughout the Italian national territory.

Mode of learning: Online

Link <https://formatemp.managersrl.com/>

● WORK EXPERIENCE

AGRICULTURAL WORKER – CASA PIETRAROSA – 01/05/2025 – 31/10/2025 – TRAMONTI, ITALY

Business or Sector: Agriculture, forestry and fishing | **Website:** <https://www.casapietrarosa.it/>

- Responsible for the maintenance and upkeep of the vineyards
- Management and care of the vegetable garden
- Execution of fruit harvesting activities
- Performance of general gardening and landscaping tasks

RESEARCHER IN ECOLOGY AND BIODIVERSITY – INSTITUTE OF PHYSIOLOGICAL AND ECOLOGICAL RESEARCH IN AGRICULTURE - CONICET – 01/09/2019 – 30/08/2024 – BUENOS AIRES, ARGENTINA

Business or Sector: Professional, scientific and technical activities | **Website:** <https://www.ifeva.edu.ar/> | **Link :** <https://www.youtube.com/watch?v=v-9v-pN0cKg&t=97s>

- Conducting experiments in greenhouse, laboratory, and field settings
- Performing data analysis using appropriate scientific methods
- Preparing technical reports and documentation

SENIOR UNIVERSITY TEACHING ASSISTANT – UNIVERSIDAD DE BUENOS AIRES – 01/03/2020 – 30/10/2024 – BUENOS AIRES, ARGENTINA

Business or Sector: Education | **Website:** <https://www.agro.uba.ar/departamentos/metodos>

- Teaching Introduction to Statistics and Simulation Models for technical and university-level programs
- Supporting course planning, preparation of teaching materials, and delivery of classes
- Assisting students through tutoring, academic guidance, and clarification of methodological concepts

UNIVERSITY TEACHING ASSISTANT (AD HONOREM) – UNIVERSIDAD DE BUENOS AIRES – 01/01/2018 – 28/02/2020 – BUENOS AIRES, ARGENTINA

Business or Sector: Education | **Website:** https://www.agro.uba.ar/departamentos/recursos_naturales

- Supporting the teaching of General Ecology for university-level programs
- Assisting in course preparation, including lectures, practical activities, and instructional materials
- Guiding students during field activities and ecological data interpretation
- Providing academic support through tutoring and clarification of ecological concepts
- Participating in assessment activities such as exam preparation, supervision, and grading

● SKILLS

Technical and Scientific Writing | Microsoft Word | Microsoft Excel | Microsoft Powerpoint | R Studio | geographic information systems | Data analysis

● LANGUAGE SKILLS

Mother tongue(s): **SPANISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ITALIAN	C1	C1	B2	C1	C1
ENGLISH	B2	C2	B2	B2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● PUBLICATIONS

2025

Niche shifts drive the global distribution of a widespread plant invader of rangelands.

Carboni, L. J., Biganzoli, F., & Cipriotti, P. A. (2025). *Biological Invasions*, 25. DOI: doi.org/10.1007/s10530-024-03496-y

2025

Invasion of *Hieracium pilosella* in Patagonia: distribution area, expansion dynamics, and biological traits promoting its spread.

Carboni, L. J. (2025). PhD Thesis for the degree of Doctor of Philosophy in Agricultural Sciences. Faculty of Agronomy, University of Buenos Aires.

2023

Effects of livestock grazing intensification on plant communities of Patagonian drylands increase with increasing aridity.

Carboni, L. J., Oñatibia, G. R. & Yahdjian, L. (2023). *Applied Vegetation Science*, 26. DOI: doi.org/10.1111/avsc.12754

2023

Intensification of livestock farming in times of climate change: The challenges of domestic grazing in the drylands of the Argentine Patagonia.

Yahdjian, L., Carboni, L. J., Ayuso, S. V., & Oñatibia, G. R. (2023). *Metode Science Studies Journal*, 13. DOI: doi.org/10.7203/metode.13.21553

2021

The politics behind scientific knowledge: Sustainable forest management in Latin America.

Soler, R., Lorenzo, C., González, J., Carboni, L. J., Delgado, J., Díaz, M., Toro Manríquez, M.D.R. & Alejandro, H. H. (2021). *Forest Policy and Economics*, 131. DOI: doi.org/10.1016/j.forpol.2021.102543

2019

Grazing intensification produces differential effects on vegetation cover and composition along a regional aridity gradient.

Carboni, L. J. (2019). Bachelor's Thesis for the degree of Bachelor in Environmental Sciences. Faculty of Agronomy, University of Buenos Aires.

● CONFERENCES AND SEMINARS

08/2021 – 08/2021 Tucumán, Argentina

Dynamics of the invasion of *Hieracium pilosella* in the Fuegian steppe.

Carboni, L., Cipriotti, P. & Biganzoli. (2021). XXIX Argentine Ecology Meeting, August 2021.

Link https://drive.google.com/file/d/1tVBrhZqM4fCa17PB_9K83tLSsFur4CqG/view

10/2018 – 10/2018 Mar del Plata, Argentina

The idiosyncrasies of the community determine the impact of sheep grazing on vegetation cover.

Carboni, L., Oñatibia, G., Ciavattini, M., Velasco Ayuso, S. & Yahdjian, L. (2018). XXVIII Argentine Ecology Meeting, Mar del Plata, October 2018.

10/2018 – 10/2018 Mar del Plata, Argentina

Grazing reduces biomass and biological soil crust cover in an aridity gradient in Patagonia.

Velasco Ayuso, S., Oñatibia, G., Carboni, L., Ciavattini, M. & Yahdjian, L. (2018). XXVIII Argentine Ecology Meeting, Mar del Plata, October 2018.

● **PROJECTS**

04/2023 – 10/2024

Success mechanisms and monitoring tools for the invasion of Hieracium pilosella in grasslands of southern Patagonia.

UBACyT Project, Argentina (Scientific programming 2022, code 20020220100035BA). Principal Investigator: Dr. Pablo A. Cipriotti.

01/2022 – 12/2024

Integrated management of Hieracium Pilosella in natural environments of Tierra del Fuego.

Project ImpaCT.AR, Argentina. Principal Investigator: Dr. Pablo A. Cipriotti.

01/2022 – 12/2023

Global Change in Arid Pastoral Ecosystems: Impacts of Drought, Rising Temperatures and Intensification of Domestic Grazing Pressure.

PICT Project (CONICET, Argentina). Principal investigator: Dr. Gastón R. Oñatibia.

04/2019 – 03/2023

Dynamics and monitoring of the exotic herb Hieracium pilosella L. in Patagonia at multiple spatio-temporal scales.

UBACyT Project, Argentina (Scientific programming 2018, code 20020170100193BA). Principal Investigator: Dr. Pablo A. Cipriotti.

05/2019 – 05/2019

Direct and indirect interactions between grasses, shrubs and herbivores and the coexistence between life forms.

Fieldwork in Patagonia, as part of the PICT 2016-2243 project (CONICET, Argentina). Principal Investigator: Dr. Martín Aguiar.

02/2019 – 02/2019

INNOVAGRO project (CONICET – FAUBA – UDELAR)

Fieldwork including soil and vegetation sampling in grasslands and afforestations in Uruguay. Principal Investigator: Dr. Gervasio Piñeiro.

09/2018 – 10/2018

Research stay in Tierra del Fuego (Argentina).

Agroforestry Resources Laboratory of the Southern Center for Scientific Research (CADIC-CONICET, Argentina). Direction: Dr. Rosina Soler and Dr. Cristian Lorenzo.

05/2018 – 12/2018

Controls by resources and consumers of biodiversity and the functioning of Pampean Grasslands.

PICT Project of the National Agency for Scientific Promotion (PICT 2014-3026, Argentina). Principal Investigator: Dr. Laura Yahdjian.

01/2017 – 02/2017

Biological feedbacks and ecosystem resilience under global change: a new perspective on dryland desertification.

BIODESERT project led by Dr. Fernando Maestre from the Rey Juan Carlos University, Spain (H2020-EU.1.1. - EXCELLENT SCIENCE - European Research Council (ERC). Patagonia Node, Chubut (Argentina), directed by Dr. Laura Yahdjian (CONICET-FAUBA).

11/2016 – 12/2016

Incorporation of native timber leguminous species into poplar forest systems in the lower Paraná Delta: possible productive and environmental implications.

Project carried out by the FAUBA Forestry Chair. Direction: Dr. Victoria Piazza (CONICET-FAUBA) and Dr. Fernando Caccia (CONICET-FAUBA).

11/2015 – 12/2015

Mechanisms of resistance to insects in pastures that form symbiosis with endophytic fungi.

Laboratory work within the framework of the project, under the direction of Dr. Daniel Bastías Campos (CONICET, Argentina).

● **VOLUNTEERING**

01/01/2015 – 28/02/2015 Argentina

Volunteering in the National Parks of Argentine Patagonia.

Volunteer experience in Los Glaciares National Park, Argentine Patagonia, providing visitor reception, public assistance, flora and fauna monitoring, and emergency management support.

● **DRIVING LICENCE**

Driving Licence: A

Driving Licence: B

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