Autorizzo la pubblicazione del mio curriculum vitae e il trattamento dei dati personali in esso contenuti in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 GDPR 679/16

Hernán Cáceres-Escobar
Veterinarian & PhD in Conservation Biology

I am a veterinarian and conservation scientist exploring how ecosystem disturbance impact biodiversity and human health. My goal is to aid decision-makers maximise environmental and socio-economic benefits by using a transdisciplinary and participatory approaches in combination with modelling techniques to develop innovative evidence-based interventions and policies for an ever-changing World. I have a diverse international background and on-ground experience working with multi-cultural teams at the interface of science, policy, and practice with local and indigenous communities, government agencies, NGOs, IGOs, industry partners, and academics.

LANGUAGES

Spanish: Native language
English: Bilingual (IELTS score 7.5; 2014)
French: B1 Independent user (A1-C2 CEFR)

KEY SKILLS AND ATTRIBUTES

- Strong networking and interpersonal abilities, with the capacity to initiate and manage cross-functional teams and multi-disciplinary projects.
- Effective problem solving and teamwork skills.
- Critical thinking-driven and organised.
- Excellent presentation and communication skills in written and spoken English and Spanish.
- Highly adaptable and tolerant to stressful situations.

REFERENCES

Available upon request

EDUCATION

Tertiary Education

2019	**PhD in Conservation Sciences** The University of Queensland, Australia
2011	**Veterinary Degree (DVM)** Universidad de Chile, Chile
2010	**Bachelor of Veterinary Medicine** Universidad de Chile, Chile

Postgraduate Studies

2014	**PgDipl. Conservation and Wildlife Management** Universidad de Chile, Chile
2013	**PgDipl. Veterinary Environmental Management** Universidad de Chile, Chile
2012	**PgDipl. Projects Assessment** Pontificia Universidad Católica de Chile, Chile
2011	**PgDipl. Agricultural and Forestry Business Management** Pontificia Universidad Católica, Chile

TECHNICAL SKILLS

Methodological tools: Evidence synthesis (e.g., Systematic Review and Scoping review), disease risk analysis (DRA-qualitative and quantitative approaches), structured decision-making, structured expert elicitation and participatory methods (IDEA Protocol and Delphi), and multi-criteria prioritisation methods.

Programming: R and Python

- Data collection, exploration, analysis, and visualization: tidyverse and base R.
- Data reporting: R Markdown.
- Data analysis: Multivariate methods and time-series analyses.
- Demographic models: Matrix population models (MPM) and Integral Projection Model (IPM).

Spatial Analysis:

- Main used R packages: sdm, dismo, sp, sgdal, raster, ggplot2, spatstat, and gstat
- Landscape characterisation and environmental niche modelling
- MARXAN, Maxent

Databases: SQL (beginner)

MS Office suite: Advanced.

EMPLOYMENT HISTORY

06/2020–Present	International Union for Conservation of Nature and The Royal Veterinary College, UK
11/2014–12/2018	Centre for Biodiversity and Conservation Science, Australia
01/2014–10/2014	Centre for Environmental Management and Biodiversity, Chile
01/2013–10/2014	Environmental consultant (multiple companies), Chile
06/2013–04/2014	Fauna Australis-Wildlife Conservation Lab, Chile
01/2011–04/2014	Faculty of Veterinary Medicine and Animal Sciences, Chile
12/2006–10/2014	Porvenir Small Animals Veterinary Hospital, Chile
03/2012–06/2012	Chilean Institute of Ice Fields
03/2011–06/2012	Brigade against environmental crimes and cultural heritage, Chilean National Police, Chile
03/2011–12/2011	Regional Government of Aysén, Chile
12/2009–12/2010	Universidad de Chile and Agrarian Innovation Foundation (Agricultural Ministry), Chile

PUBLICATIONS

Peer-reviewed publications

(1) Burgass, M. J., Larrosa, C., Tittensor, D.P., Arlidge, W.N.S., **Caceres**, **H.,** Camaclang, A., Hampton, S., McLaverty, C., Nicholson, E., Muposhi, V. K., Pinto, C.M., Rowland, J.A., Stevenson, S.L., Watermeyer, K.E., Milner-Gulland, E.J. (2020). Three Key considerations for biodiversity conservation in multilateral agreements. ***Conservation Letters***, doi:10.1111/conl.12764

(2) **Caceres-Escobar, H.,** Kark, S., Atkinson, S. C., Possingham, H. P., Davis, K. J. 2019. "Integrating Local Knowledge to Prioritise Invasive Species Management.". ***People and Nature***, https://doi.org/10.1002/pan3.27

(3) Arafeh-Dalmau, N., Linares, C., Hereu B., **Caceres-Escobar, H.**, Biggs, B., Possingham, H.P. (2019). Protect Catalonia's corals despite politics. ***Science*** (Letter), 363(6423), 135–136, doi: 10.1126/science.aav8710

(4) **Caceres-Escobar, H.**, Biggs, D., Martinez-Harms, M.J., Jaksic, F., Iriarte, A., Briceño, C., Possingham, H.P., Kark, S. (2018) Strengthening Chile's policies on invasive species. ***Science*** (eLetters), http://science.sciencemag.org/content/361/6405/857.2/tab-e-letters

(5) Martinez-Harms, M.J., **Caceres, H.**, Biggs, D. Possingham, H.P. (2017). After Chile's fires, reforest private land. ***Science*** (Letter), 356(6334), 147–148, doi: 10.1126/science.aan0701

Books

(6) Pérez, P., Maino, M., Valdés, A., Aguilar, P., **Caceres, H.**, Lagos, A. 2013. Use of the Great Pyrenees Dogs as a Biological Strategy to Control Sheep Predation. 98 p. Santiago, Chile. **Universidad de Chile Press**

In Preparation

(7) **Caceres-Escobar, H.,** Davis, K. J., Iacona, G.D., McDonald-Madden, E., Kark, S., Possingham, H.P., Salguero-Gómez, R., Holden M.H., Using demographic models to improve management of European red foxes. *To be submitted to Journal of Applied Ecology by Q1 2021*.

(8) **Caceres-Escobar, H.,** Suárez-Castro, A.F., Atkinson, S.C., McDonald-Madden , E., Kark, S., Possingham, H.P., Tulloch, A.I. How many foxes call Australia home? *To be submitted to Conservation Biology by Q2 2021*.

AWARDS AND GRANTS

I have been awarded project, and research grants totalling to US$ 225,000.

2018	Travel Grant: Interdisciplinary Conservation Network 2018 workshop, Oxford University
2017	Professional Development Award: UQ Candidate Development Award
2017	Travel Grant: Biological Sciences Conference support award – UQ
2016	Research Grant: Goodman Foundation Research Grants
2016	Travel Grant: *Muséum National d'Histoire Naturelle* (France)
2015	Research grant: National Environmental Science Programme
2015	Travel Grant: ARC-CEED
2015	Travel Grant: German Academic Exchange Service (DAAD)
2014–2018	Scholarship: Becas Chile – CONICYT

OTHER PROFESSIONAL ACTIVITIES AND OUTREACH

2018	Interdisciplinary Conservation Network (Oxford University, UK)
2015	Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)
2015	German Centre for Integrative Biodiversity Research (iDiv)
2011	Regional Government of the Aysén Province (Chile)

TEACHING EXPERIENCE

I have fifteen years of experience teaching practical and theoretical courses in undergraduate and postgraduate levels (in English and Spanish). Below a summary of my experience.

2013–Present	Universidad de Chile (Chile)
2017–2018	The University of Queensland (Australia)
2012–2014	Surgical and Emergency rotation (Chile)
2005–2012	Universidad de Chile (Chile)

CONFERENCES AND PRESENTATIONS

Since 2008, I have made over 25 presentations to a wide range of audiences, both in English and Spanish. Below a list of the most relevant scientific presentations.

11/2018	Ecological Society of Australia's annual meeting, Australia
07/2017	28th International Congress for Conservation Biology, Colombia
07/2017	12th International mammalogical Congress, Australia
05/2017	17th Australasian Vertebrate Pest Conference, Australia
06/2016	Society for Conservation Biology 4th Oceania Congress, Australia
08/2015	27th International Congress for Conservation Biology, France
10/2013	3rd National Symposium of Conservation Medicine: Research in Latin America, Chile