

José Vicente López-Bao

jv.lopez.bao@csic.es

CSIC Senior Research Scientist

Spanish National Research Council (CSIC)

Biodiversity Research Institute (IMIB, CSIC - Oviedo University - Principality of Asturias)

ORCID: 0000-0001-9213-998X

URL web Human-Wildlife Coexistence for Conservation: [link](#)

I am a conservation scientist interested in the integration of quantitative, interdisciplinary and transdisciplinary approaches to face conservation challenges. With particular interest in nature conservation, human-wildlife interactions, and large carnivores and other megafauna in human-dominated landscapes. Keeping a strong emphasis on the applied nature of my research, I aim to inform, and interact with, managers, policymakers, interested stakeholders, and the general public. I actively seek for a dialogue among disciplines, considering the ecological, psychological, political, legal and socio-economic processes connected to conservation.

My current research lines include: i) the study of the phenomenon of coexistence between large carnivores (e.g., wolves and bears), and other megafauna, and human activities (e.g., farming, infrastructure development, ecotourism), as well as the mitigation of negative interactions between these species and humans, and associated social conflicts; ii) wildlife trade and the fight against poaching and illegal wildlife trade; iii) the environmental rule of law (i.e., from implementation to enforcement and compliance of conservation regulations); iv) or boosting new approaches in conservation science for an effective conservation of nature.

Keywords: Conservation Science, Human-Wildlife Interactions, Coexistence, Large Carnivores, Legal Conservation

Main specialization (UNESCO): 310512 - Wildlife Conservation and Management

Productivity indicators (google scholar): h-index: 59 / i10 index: 147 / citations: 14600 / m-quotient: 3.2

I have published >200 peer-reviewed publications, including pieces in multidisciplinary and conservation-related journals, such as Science (19), Nature Ecology & Evolution (4), PLOS ONE (14), Scientific Reports (13), Bioscience (6), Biological Conservation (29), Conservation Biology (5), Conservation Letters (5), Conservation Science and Practice (5) or Journal Applied Ecology (3). Complete list of peer-reviewed articles can be found [here](#).

I have contributed with >120 presentations in national/international congress, 30 books and/or book-chapters, >55 talks by invitation, and >90 scientific/technical reports to decision-makers.

I have been involved in advisory activities for public (regional and national authorities) and private entities (companies, NGOs), in the conservation of large carnivores, human-wildlife conflicts, and fighting against poaching. I am member of the Canid Specialist Group and the Wolf Working Group of the IUCN/SSC. Member of the Scientific Committee advising the Spanish Ministry for the Ecological Transition and the Demographic Challenge (BOE-A-2022-3724; RD 139/2011).

Publications

Peer-reviewed articles (10 selected)

10. Kutal M, Duľa M, Selivanova AR, López-Bao JV. 2024. Testing a conservation compromise: No evidence that public wolf hunting in Slovakia reduced livestock losses. *Conservation Letters* 17:e12994.
9. Mateo-Tomás P, Rodríguez-Pérez J, Fernández-García M, ... López-Bao JV. 2023. Wildlife as sentinels of compliance with law: an example with GPS-tagged scavengers and sanitary regulations. *Journal of Applied Ecology* 60:2188-2198.
8. López-Bao JV, Mateo-Tomás P. 2022. Strengthening livestock welfare policies to mitigate human–wildlife conflicts. *Conservation Letters* 15:e12857.
7. Navarro A, López-Bao JV. 2018. Toward a greener Common Agricultural Policy. *Nature Ecology and Evolution* 2:1830-1833.
6. Sazatornil V, Trouwborst A, Chapron G, López-Bao JV. 2019. Top-down dilution of conservation commitments across regulatory cascades in Europe: The example of breeding site protection for wolves. *Biological Conservation* 237:185-190.
5. Lute ML, Carter NH, López-Bao JV, Linnell JDC. 2018. Conservation professionals agree on challenges to coexisting with large carnivores but not on solutions. *Biological Conservation* 218:223-232.
4. López-Bao JV, Frank J, Svensson L, Åkesson M, Langefors Å. 2017. Building public trust in compensation programs through accuracy assessments of damage verification protocols. *Biological Conservation* 213:36-41.
3. Eklund A, López-Bao JV, Tourani M, Chapron G, Frank J 2017. Limited evidence on the effectiveness of interventions to reduce livestock predation by large carnivores. *Scientific Reports* 7:2097.
2. López-Bao JV, Bruskotter J, Chapron G. 2017. Finding space for large carnivores. *Nature Ecology and Evolution* 1:140.
1. Chapron G, Kaczensky P, Linnell JDC, von Arx M, Huber D, Andrén H, López-Bao JV, et al. 2014. Recovery of large carnivores in Europe's modern human-dominated landscapes. *Science* 346:1517-1519.

Books/ Book Chapters (5 selected)

5. Epstein Y, López-Bao JV, Chapron G. (2023) Strict protection of species in the EU: Controversies and trends. In: *Nature Law and Policy in Europe*. Pp. 201-213. ISBN: 978-0-367-27997-4. Routledge.
4. López-Bao JV, et al. 2021. Monitoring of the expanding Cantabrian brown bear population. In: *Cantabrian bears. Demographics, coexistence, and conservation challenges*. Pp. 23-38. ISBN: 978-84-16728-47-3 Fundación Oso Pardo. Lynx Editions.
3. Palomero G, Ballesteros F, Blanco JC, López-Bao JV (editors). 2021. *Cantabrian bears. Demographics, coexistence, and conservation challenges*. 192 p. ISBN: 978-84-16728-47-3 Fundación Oso Pardo. Lynx.
2. du Preez B, López-Bao JV 2018. Non-Detriment Findings. Pp. 76-82. IUCN SSC Cat Specialist Group. 2018. *Guidelines for the Conservation of Lions in Africa*. Version 1.0. Muri/Bern, Switzerland.
1. López-Bao JV. 2017. Large carnivores in human-dominated landscapes: A conservation challenge. II Seminar on wolves in the Picos de Europa National Park. Pp. 41-66. SECEM, Spain.