CURRICULUM VITAE ABREVIADO (CVA)

IMPORTANT – The Curriculum Vitae cannot exceed 4 pages. Instructions to fill this document are available in the website.

Part A. PERSONAL INFORMATION

First name	Mario		
Family name	Díaz		
Gender (*)	Male	Birth date (dd/mm/yyyy)	18/11/1963
ID number	11785924B		
e-mail	Mario.Diaz@ccma.csic.es	www.researchgate.net/profile/Mario-Diaz-10	
ORCID ID		0000-0002-6384-6674	

A.1. Current position

Position	Profesor de Investigación (Full Professor)		
Initial date	12-09-2022		
Institution	Spanish Research Council (CSIC)		
Department/Center	Biogeography and Global Change	Museo Nacional de Ciencias Naturales	
Country	Spain	Teleph. number	+34 678 546 948
Key words	Zoogeography; Conservation Biology; Behavioral Ecology		

A.2. Previous positions (research activity interuptions, indicate total months)

Period	Position/Institution/Country/Interruption cause
2007-2022	Investigador Científico (Associate Researcher)/CSIC/Spain/resignation
2000-2007	Profesor Titular (Assistant Professor)/University Castilla-La Mancha/Spain/resignation

A.3. Education

PhD, Licensed, Graduate	University/Country	Year
PhD in Biological Sciences	Universidad Complutense de Madrid	1991

Part B. CV SUMMARY *(max. 5000 characters, including spaces)*

I got my PhD in Biology at the Complutense University of Madrid in 1991. After more than 10 years of university teaching (Zoology, Zoogeography, Ecology, Conservation Biology, Wildlife Management, Environmental Impact Assessment at the Universities Complutense and Castilla-La Mancha), I got a position in the CSIC as Associate Researcher in 2007 and afterwards as Full Professor in 2022. I have been the Head of the Department of Biogeography and Global Change at the National Museum of Natural Sciences from its creation in 2012 until March 2017, President of the Scientific Committee of SEO/BirdLife International from 2012 to 2021 and member from 2001 to 2012, member of the Scientific Committee for the official lists of Spanish Endangered and Invasive species from 2011 to 2021, and Editor-in-Chief of Ardeola (1996-2002 and 2016) and Frontiers in Conservation Science (2022-onwards), among other scientific journals.

My work is focused on the ecology and conservation of keystone species in man-made ecosystems. I am mostly interested in the role of such keystone species for the long-term sustainability of such systems, and on the ways human uses influence the ecosystem services provided by them. My research lines are essentially multi- and interdisciplinary, spanning fields within the biological (ecology, evolution, conservation, behavior, physiology) and social (economy, sociology) sciences. I am thus integrated in several research networks: the GlobiMed network, with leading Spanish terrestrial ecologists interested in forest management and restoration; the RECAMAN project (www.recaman.es), with economists, forest engineers, zoologists and ecologists interested in developing proper accounting systems for ecosystem services; the core group of 20 biologists, economists and policy scientists who are designing the evaluation of the social and environmental performance of the new European Common Agricultural Policy; and the URBICON project, with a core international team of biologists from 14 European and 6 American countries interested in the

ecology of fear and the adaptation of organism to urban life. Further, my involvement with ONGs and Administrations is allowing me to contribute directly to develop conservation-driven policies aimed at improving the sustainability of the land use systems in which I focus my research work, namely agricultural systems, dehesas, managed forests, and urban habitats.
I have published more than 130 SCI papers receiving over 5600 citations (WoS), as well as several books, book chapters and other publications receiving some 11000 citations overall (Google Scholar). I have participated in c.a. 40 national and international competitive research projects, leading 19. I have supervised 8 PhD Theses, 14 MsC Theses, and 32 BaC Theses, and I am currently supervising two PhDs (one in Spain and other in Ecuador) and 2-5 graduate and postgraduate students yearly on average, most from several Spanish universities. I regularly evaluate research projects, contracts and grants financed by Spanish and other European research agencies, as well as manuscripts received by some 40 scientific journals such as Oecologia, Ecography, Ecology, Global Change Biology, Ecology, Journal of Applied Ecology, Biological Conservation, Basic and Applied Ecology, Frontiers in Ecology and Environment, Behavioral Ecology and PLoS ONE (https://publons.com/author/890450/mario-diaz#stats).

Performance indicators:
- Six-year research sections: 5 (1988-1993, 1994-1999, 2000-2005, 2006-2011, 2012-2017)
- PhD theses supervised in the last 10 years: 2 (8 overall); all MY PhD students have got academy-related jobs, from University-CSIC positions to UE-policy evaluations.
- Citations (till 16-1-2023): 5,723/11,132 (WoS/Google Scholar)
- Citations (2018-2022): 2,443/4,318 (WoS/Google Scholar).
- h-index: 38/53 (WoS/Google Scholar).
- Research projects: total 19 PI/16 no PI. (European 2 PI/4 no PI; National: 5 PI/8 no PI; Regional: 7 PI/2 no PI; Agreements: 5 PI/ 2 no PI).
- Books (8), chapters (57), reports (39); Scientific meetings (118), seminars (62).
- Teaching activity: design and teach university lectures, practical classes, conference cycles, and doctorate during 15 school years (from 1990/1991 to 2006/2007), and yearly participation in a UIMP-CSIC master from 2016 onwards.

Part C. RELEVANT MERITS

C.1. Publications

- Campos P, Huntsinger L, Oviedo JL, Díaz M, Starrs P, Standiford RB, Montero G (eds). 2013. Mediterranean Oak Woodland Working Landscapes: Dehesas of Spain and Ranchlands of California. Springer, New York. ISBN 978-94-007-6706-5.
- Sol D, González-Lagos C, Lapiedra O, Díaz M 2017. Why are exotic birds so successful in urbanized environments? En: Ecology and conservation of birds in urban environments. Murgui E, Hedblom M (eds), pp. 75-89. Springer, New York.
- Valladares F, Benavides R, Rabasa S, Díaz M, Pausas JG, Paula S, Simonson WD 2014. Global change and Mediterranean forests: current impacts and potential responses. In: Forests and Global Change. Coomes DA, Burslem DF, Simonson WD (eds), pp. 47-75. Cambridge University Press, Cambridge. ISBN: 978-1-107-04185
- Morán-López T, Sánchez-Dávila J, Torre I, Navarro-Castilla Á, Barja I, Díaz M 2022. Ungulate presence and predation risks reduce acorn predation by mice in dehesas. PLoS ONE 17: e0260419.
- Morelli F, Mikula P, Blumstein DT,….Benedetti Y (4/11) 2022. Flight initiation distance and refuge in urban birds. Science of the Total Environment 842, 156939.
- Pe'er G, Finn JA, Díaz M,…..Guyomard H (3/20) 2022. How can the European Common Agricultural Policy help halt biodiversity loss? Recommendations by over 300 experts. Conservation Letters 15: e12901. DOI: 10.1111/conl.12901
- Suhonen J, Jokimäki J, Kaisanlahti-Jokimäki ML,…..Ibáñez-Álamo, J.D. (11/12) 2022. Occupancy-frequency distribution of birds in land-sharing and -sparing urban landscapes in Europe. Landscape and Urban Planning 226: 104463.
- Díaz M, Fernández J, Page A 2022. Cat colonies and flight initiation distances of urban birds: Dealing with conflicting sources of citizen wellbeing. Science of the Total Environment 828: 154401.

- Ordóñez-Delgado L, Iñiguez C, Díaz M, Escudero A, Gosselin E, Waits L, Espinosa CI 2022. The good, the bad and the ugly of urbanization: response of a bird community in the Neotropical Andes. Frontiers in Ecology and Evolution 10: 844944.
- Díaz M, Ramos A, Concepción ED 2022. Changing urban bird diversity: how to manage adaptively our closest relation with wildlife. Ecosistemas 31: 2354.
- Morelli F, Reif J, Díaz M,…..Benedetti Y (3/19) 2021. Top ten birds indicators of high environmental quality in European cities. Ecological Indicators 133: 108397.
- Morelli F, Benedetti Y, Ibáñez-Álamo JD,…. Reif J (10/23) 2021. Effects of urbanization on taxonomic, functional and phylogenetic avian diversity in Europe. Science of the Total Environment 795: 148874.
- Díaz M, Grim T, Markó G.,Møller AP (1/10) 2021. Effects of climate variation on bird escape distances modulate community responses to global change. Scientific Reports 11: 12826.
- Díaz M, Sánchez-Mejía MT, Morán-López T. 2021. Long-term tree regeneration of fragmented agroforestry systems under varying climatic conditions. Frontiers in Ecology and Evolution 9: 640143.
- Concepción ED, Aneva I, Jay M,…Díaz M (12/12) 2020. Optimizing biodiversity gain of European agriculture through regional targeting and adaptive management of conservation tools. Biological Conservation 241: 108384.
- Ibáñez-Álamo JD, Morelli F, Benedetti Y,…Díaz M (12/12) 2020. Biodiversity within the city: Effects of land sharing and land sparing urban development on avian diversity. Science of the Total Environment 707: 135477.
- Morelli F, Benedetti Y, Ibáñez-Álamo JD,…Møller AP (12/13) 2020. Insurance for the future? Potential avian community resilience in cities across Europe. Climatic Change 159: 195-214.
- Jokimäki J, Suhonen J, Benedetti Y, …Ibánez-Álamo JD (4/11) 2020. Land-sharing vs. land-sparing urban development modulate predator-prey interactions in Europe. Ecological Applications 30: e02049.
- Díaz M, Concepción ED, Oviedo JL, Caparrós A, Farizo BA, Campos P 2020. A comprehensive index for threatened biodiversity valuation. Ecological Indicators 108: 105696.
- Morelli F, Benedetti Y, Díaz M,…Møller AP (3/10) 2019. Contagious fear: Escape behaviour increases with flock size in gregarious birds. Ecology and Evolution 9: 6096–6104.
- Campos P, Caparrós A, Oviedo JL,…Montero G (9/25) 2019. Bridging the gap between national and ecosystem accounting. Application in Andalusian forests, Spain. Ecological Economics 157: 218-236.
- Møller AP, Díaz M 2018. Avian preference for close proximity to human habitation and its ecological consequences. Current Zoology 64: 623-630.
- Mikula P, Díaz M, Albrecht T,…Hromada M (2/10) 2018. Adjusting risk taking to the annual cycle of long-distance migratory birds. Scientific Reports 8: 13989.
- Martínez-Jauregui M, Serra-Varela MJ, Díaz M, Soliño M 2018. Mitigation strategies for biodiversity conservation under climate change scenarios: The role of forest naturalization. PLoS ONE 13: e0202009.
- Møller AP, Díaz M 2018. Niche segregation, competition and urbanization. Current Zoology 64: 145-152.
- Díaz M, Anadón JD, Tella JL, Giménez A, Pérez I 2018. Independent contributions of threat and popularity to conservation translocations. Biodiversity Conservation 27: 1419-1429.
- Samia DSM, Blumstein DT, Díaz M, …Møller AP (3/10) 2017. Rural-urban difference in scape behavior of European birds across a latitudinal gradient. Frontiers in Ecology and Evolution 55: 6.
- Díaz M, Concepción ED 2016. Enhancing the effectiveness of CAP greening as a conservation tool: a plea for regional targeting considering landscape constraints. Current Landscape Ecology Reports 1: 168-177.
- Møller AP, Díaz M, Liang W 2016. Brood parasitism and proximity to human habitation. Behavioral Ecology 27: 1314-1319.
- Moreno G, González-Bornay G, Pulido F, López-Díaz ML, Betomeu M, Juárez E, Díaz M 2016. Exploring the causes of high biodiversity of Iberian dehesas: the importance of wood pastures and marginal habitats. Agroforestry Systems 90: 87-105.

- Møller AP, Díaz M, Grim T,…Tryjanowski P (2/11) 2015. Effects of urbanization on animal phenology: A continental study of paired urban and rural avian populations. Climate Research 66: 185–199.
- Morán-López T, Fernández M, Alonso CL, Flores D, Valladares F, Díaz M 2015. Effects of forest fragmentation on the oak-rodent mutualism. Oikos 124: 1482-1491.
- Møller AP, Díaz M, Flensted-Jensen E, …Tryjanowski P (2/9) 2015. Urbanized birds are superior invaders of novel habitats. Oecologia 178: 943-950.
- Díaz M, Cuervo JJ, Flensted-Jensen E,..Møller AP (2/9) 2015. Interactive effects of fearfulness and geographical location on bird population trends. Behavioral Ecology 26: 716-721.
- Doblas-Miranda E, Martínez-Vilalta J, Álvarez A,…Retana J (9/28) 2015. Reassessing global change research priorities in the Mediterranean Basin: how far have we come and where do we go from here? Global Ecology and Biogeography 24: 25-43.
- Díaz M, Møller AP, Flensted-Jensen E,…Tryjanowski P (1/8) 2013. The geography of fear: A latitudinal gradient in flight distance of birds across Europe. PLoS ONE 8: e6463400.
- Møller AP, Díaz M, Flensted-Jensen E.,…Tryjanowski P (2/9) 2012. High urban population density of birds reflects their timing of urbanization. Oecologia 170: 867-875.
- Concepción ED, Díaz M, Kleijn D,…Verhulst J (2/13) 2012. Interactive effects of landscape context constraints the effectiveness of local agri-environmental management. Journal of Applied Ecology 49: 695-705.

C.3. Research projects

- Urban biodiversity and landscape organization (URBILAND) (06/2020-05/2023), IP: Juan Diego Ibáñez-Alamo. Financed by the Spanish Research Agency (PID2019-107423GA-I00). Budget: 108.900 €. Member of the research team.
- Testing BIOdiversity Gain of European Agriculture with CAP greening (BIOGEA) (12/2016-02/2020), coordinated by Katrina Madsen (adelphi research) and financed by the ERA-NET BIODIVERSA3 (PCIN-2016-159). Budget: 121.950 €. IP of the WP4 (Modelling impacts of GBI on biodiversity).
- Gestión integrada e inteligente de bosques complejos y plantaciones mixtas del SUDOE (COMFOR-SUDOE) (11-2020/3-2023). IP: Andrés Bravo Oviedo (CSIC). Financed by INTERREG-SUDOE (SOE4/P1/E1012). Budget: 1.289.211,57 €. Member of the research team.
- Bienes ambientales transnacionales y modelos de comportamiento: biodiversidad y cambio climático (TrEnGood) (1/2018-12/2021). IPs: José Luis Oviedo and Alejandro Caparrós (IPP-CSIC). Financed by the Ministry of Economy and Competitiveness (ECO2017-84461-R). Budget: 42.350 €. Member of the research team.
- Restauración y conservación de los ecosistemas mediterráneos: respuesta frente al cambio global (REMEDINAL3-CM) (2015-2019), coordinated by Adrián Escudero (URJC). Financed by the Madrid Autonomous Government (S2013/MAE-2719). Budget: 600.300 €. Member of the research team.
- Optimising the management and sustainable use of forest genetic resources in Europe (GenTree) (2016-2020), coordinated by Bruno Fady (INRA) and financed by the EU (H2020-SFS-2015-2; 676876-2). Budget: 6.700.000 €. Member of the research team.
- Vulnerabilidad de los ENcInares al cambio Climático: Mecanismos e influencia del manejo histórico sobre los servicios ecosistémicos (VEroNICA) (2014-2017). IPs: Jorge Curiel and Fernando Valladares. Financed by the MINECO (CGL2013-42271-P). Budget: 141.000 €. Member of the research team.

C.4. Contracts, technological or transfer merits

- IP of the Plataforma Temática Interdisciplinar AGRIAMBIO, financed by an agreement among CSIC and the Ministry of Agriculture to evaluate the Spanish Strategic Plan for the Common Agricultural Policy 2023-2027 (BOE 272 de 12-11-2022, pp. 154761-154769). (October 2022-September 2025). Budget: 1.800.000 €.
- Consultoría y asistencia técnica de investigación para la inventariación de los recursos naturales y la evaluación económica del patrimonio natural de Andalucía (RECAMAN) (July 2008-April 2014). IP: Pablo Campos (IPP-CSIC). Financed by the Junta de Andalucía (NET165602). Budget: 4.163.846,85 €. IP of the research team on threatened biodiversity valuation.