



Michela Pacifici

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WORK EXPERIENCE

RESEARCH FELLOW – SAPIENZA UNIVERSITÀ DI ROMA – 22/12/2021 – Current – ROMA, ITALY

POSTDOC ON THE PROJECT "INSPIRE4NATURE" – SAPIENZA UNIVERSITÀ DI ROMA – 01/07/2021 – 21/12/2021 – ROMA, ITALY

BE-FOR-ERC RESEARCH FELLOW ON THE PROJECT "ANTHROPOGENIC IMPACT ON THE MAMMALIAN CLIMATIC NICHE" – SAPIENZA UNIVERSITÀ DI ROMA – 01/07/2020 – 30/06/2021 – ROMA, ITALY

POSTDOC ON THE PROJECT "ECOLOGICAL AND BIOLOGICAL CHARACTERISTICS EXPLAIN RECENT IMPACTS OF CLIMATE CHANGE ON SPECIES" – SAPIENZA UNIVERSITÀ DI ROMA – 01/02/2018 – 30/06/2020 – ROMA, ITALY

ASSISTANT PROFESSOR – ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA – 01/10/2018 – 30/09/2019 – BOLOGNA, ITALY

Course "Animal Diversity and Distribution in a Changing Climate" for the master in "Global Change Ecology and Sustainable Development Goals"

VISITING ACADEMIC – ARC CENTER OF EXCELLENCE FOR ENVIRONMENTAL DECISIONS – 01/07/2017 – 31/07/2017 – MELBOURNE, AUSTRALIA

VISITING ACADEMIC – CENTER OF EXCELLENCE FOR ENVIRONMENTAL DECISIONS – 01/06/2017 – 30/06/2017 – BRISBANE, AUSTRALIA

ZOOLOGY CONSULTANT ON THE PROJECT "DEFINING AND APPLYING THE CONCEPT OF FAVOURABLE REFERENCE VALUES FOR SPECIES AND HABITATS UNDER THE EU BIRDS AND HABITATS DIRECTIVES" – ISTITUTO DI ECOLOGIA APPLICATA – 04/04/2016 – 30/06/2016 – ROMA, ITALY

ZOOLOGIST FOR THE PROJECT "NATURAL" – SOCIETÀ BOTANICA ITALIANA ONLUS – 01/12/2015 – 15/02/2018 – TIRANE/ROME, ALBANIA

ZOOLOGY CONSULTANT FOR THE PROJECT "DEVELOPING RED LIST INDICES FOR THE CRITICAL ECOSYSTEM PARTNERSHIP FUND" – ISTITUTO DI ECOLOGIA APPLICATA – 01/05/2014 – 31/05/2014 – ROMA, ITALY

COORDINATOR OF 2 MAMMAL SPECIALIST GROUPS FOR THE IUCN RED LIST – GLOBAL MAMMAL ASSESSMENT – 01/06/2013 – 01/04/2018 – ROMA, ITALY

● EDUCATION AND TRAINING

01/11/2012 – 16/03/2016 Roma, Italy

PHD IN ENVIRONMENTAL AND EVOLUTIONARY BIOLOGY, CURRICULUM ANIMAL BIOLOGY Sapienza Università di Roma

Thesis Effects of climate change on the extinction risk of species

01/10/2010 – 11/07/2012 Roma, Italy

MASTER IN CONSERVATION AND DISSEMINATION OF NATURE, FINAL MARK 110/110 CUM LAUDE Sapienza Università di Roma

Field of study Scienze e tecnologie della vita

01/10/2005 – 20/07/2010 Roma, Italy

BACHELOR IN NATURAL SCIENCES, FINAL MARK 107/110 Sapienza Università di Roma

01/09/2000 – 07/07/2005 Roma, Italy

LINGUISTIC HIGH SCHOOL, FINAL MARK 100/100 Liceo Maria Montessori

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
SPANISH	B2	B2	B1	B1	B1
GERMAN	A2	A2	A2	A2	A2

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

● SKILLS

Linux | Ubuntu, libre office | R (Statistics) | R, R Studio | Software GIS (QGIS, ArcGIS) | GRASS GIS | Scripting bash | MARXAN | Microsoft Office | Social Network (Facebook LinkedIn Instagram Twitter) | Windows | Species Distribution Models (SDMs) | IUCN Species Information Service (SIS)

● PUBLICATIONS

2024

Davoli, M., Kuemmerle, T., Monsarrat, S., Crees, J., Cristiano, C., Pacifici, M. & Svenning, J.-C. Recent sociocultural changes reverse the long-term trend of declining habitat availability for wild large mammals in Europe

Accepted

Diversity and Distributions

2024

Nania, D., Ficetola, G.F., Falaschi, M., Pacifici, M., Lumbierres, M. & Rondinini, C. A systematic approach for scoping potential Key Biodiversity Areas

Accepted

Conservation Science and Practice

2024

Vincent, C., [...], Pacifici, M., et al. The war in Ukraine is changing plausible future socioeconomic scenarios leading to an unexplored outlook for biodiversity

Accepted

Conservation Science and Practice

2024

[Cazzolla Gatti, R., \[...\], Pacifici, M., et al. EU2030 biodiversity strategy: Unveiling gaps in the coverage of ecoregions and threatened species within the strictly protected areas of Italy](#)

Journal for Nature Conservation

2024

[Nania, D., Mei, M., Pacifici, M., et al. Insects as indicators of Key Biodiversity Areas](#)

Insect Conservation and Diversity

2023

[Pacifici et al. Drivers of habitat availability for terrestrial mammals: unravelling the role of livestock, land conversion and intrinsic traits in the past 50 years](#)

Write here the description...

Global Change Biology

2024

[Cazalis, V., \[...\], Pacifici, M., et al. Prioritizing the reassessment of data-deficient species on the IUCN Red List](#)

Write here the description...

Conservation Biology

2023

[Froidevaux, J.S.P., \[...\], Pacifici, M. et al. A species-level trait dataset of bats in Europe and beyond](#)

Scientific Data

[Mancini, G., Benítez-López, A., Di Marco, M., Pacifici, M., Rondinini, C., & Santini, L. Synergistic effects of habitat fragmentation and hunting on the extinction risk of neotropical primates.](#)

Biodiversity and Conservation

2023

[Cuadros Casanova, I., \[...\], Pacifici, M. et al. Opportunities and challenges for Common Agricultural Policy reform to support the European Green Deal](#)

Conservation Biology

2022

[Festa, F., Lancillotto, L., Santini, L., Pacifici, M. et al. \(2022\) Bat responses to climate change: a systematic review](#)

Biological Reviews

2022

[Nania, D., Lumbierres, M., Ficetola, F., Falaschi, M., Pacifici, M., Rondinini, C. \(2022\) Maps of area of habitat for Italian amphibians and reptiles](#)

Nature Conservation

2022

[Cazalis, V., di Marco, M., Butchart, S. H. M., Akçakaya, H. R., González-Suárez, M., Meyer, C., Clausnitzer, V., Böhm, M., Zizka, A., Cardoso, P., Schipper, A. M., Bachman, S. P., Young, B. E., Hoffmann, M., Benítez-López, A., Lucas, P. M., Pettorelli, N., Patoine, G., Pacifici, M., ... Santini, L. \(2022\). Bridging the research-implementation gap in IUCN Red List assessments.](#)

Trends in Ecology and Evolution

2021

[Di Marco, M., Pacifici, M., Maiorano, L., Rondinini, C. Drivers of change in the realised climatic niche of terrestrial mammals.](#)

Ecography

2021

[Mair, L., \[...\], Pacifici, M. et al. Measuring spatially-explicit contributions to science-based species targets.](#)

Nature Ecology & Evolution

2021

[Soria, C., Pacifici, M., Di Marco, M., Stephen, S.M., Rondinini, C. COMBINE: A Coalesced Mammal Database of Intrinsic and Extrinsic traits.](#)

Ecology

2020

[Pacifici, M., Di Marco, M., Watson, J.E.M. Protected areas are now the last strongholds for many imperiled mammal species.](#)

Conservation Letters

2020

[Pacifici, M., Rondinini, C., Rhodes, J. R., Burbidge, A. A., Cristiano, A., Watson, J. E., Woinarski, J. C. Z., Di Marco, M. Global correlates of range contractions and expansions in terrestrial mammals.](#)

Nature Communications

2020

[Baisero, D., Visconti, P., Pacifici, M., Cimatti, M., Rondinini, C. Projected global loss of mammal habitat due to land-use and climate change.](#)

ONE EARTH

2020

[Zhang, L., Pacifici, M., Li, B., Gibson, L. Drought vulnerability among China's ungulates and mitigation offered by protected areas.](#)

Conservation Science and Practice

2019

[Foden, W. B., Young, B. E., Akçakaya, H. R., Garcia, R. A., Hoffmann, A. A., Stein, B. A., Thomas, C. D., Wheatley, C. J., Bickford, D., Carr, J. A., Hole, D. G., Martin, T. G., Pacifici, M., Pierce-Higgins, J. W., Platts, P. J., Visconti, P., Watson, J. E. M., Huntley, B. Climate change vulnerability assessment of species.](#)

Wiley Interdisciplinary Reviews: Climate Change

2019

[Pacifici, M., Cristiano, A., Burbidge, A. A., Woinarski, J. C., Di Marco, M., Rondinini, C. Geographic distribution ranges of terrestrial mammal species in the 1970s.](#)

Ecology

2018

[Pacifici, M., Attorre, F., Martellos, S., Bego, F., De Sanctis, M., Hoda, P., Meço, M., Rondinini, C., Saçdanaku, E., Salihaj, E., Scepi, E., Shuka, L., Ghiurghi, A. BioNNA: the Biodiversity National Network of Albania.](#)

Nature Conservation

2018

[Bego, F., Saçdanaku, E., Pacifici, M., Rondinini, C. Small terrestrial mammals of Albania: distribution and diversity \(Mammalia, Eulipotyphla, Rodentia\).](#)

ZooKeys

2018

[Pacifici, M., Visconti, P., and Rondinini, C. A framework for the identification of hotspots of climate change risk for mammals.](#)

Global Change Biology

2017

[Pacifici, M., Visconti, P., Butchart, S.H.M., Watson, J.E.M., Cassola, F.M., and Rondinini, C. Species' traits influenced their response to recent climate change.](#)

Nature Climate Change

2016

[Scheffers, B., De Meester, L., Hoffmann, A.A., Pandolfi, J., Corlett, R., Butchart, S., Pearce-Kelly, P., Kovacs, K., Dudgeon, D., Pacifici, M., Rondinini, C., Foden, W., Martin T., Mora, C., Bickford, D., Watson, J. The broad footprint of climate change from genes to biomes to people.](#)

Science

2015

[Pacifici, M., Visconti, P., Scepi, E., Hausmann, A., Attorre, F., Grant, R., and Rondinini, C. Fire policy optimization to maximize suitable habitat for locally rare species under different climatic conditions: A case study of antelopes in the Kruger National Park.](#)

Biological Conservation

2015

[Pacifici, M., Foden, W.B., Visconti, P., Watson, J.E.M., Butchart, S.H.M., Kovacs, K.M., Scheffers, B.R., Hole, D.G., Martin, T.G., Akçakaya, H.R., Corlett, R.T., Huntley, B., Bickford, D., Carr, J.A., Hoffmann, A.A., Midgley, G.F., Pearce-Kelly, P., Pearson, R.G., Williams, S.E., Willis, S.G., Young, B. and Rondinini, C. Assessing species vulnerability to climate change.](#)

Nature Climate Change

2014

[Budiharta, S. Meijaard, E., Erskine, P.D., Rondinini, C., Pacifici, M., Wilson, K.A. Restoring degraded tropical forests for carbon and biodiversity.](#)

Environmental Research Letters

2013

[Pacifici, M., Santini, L., Di Marco, M., Baisero, D., Francucci, L., Grottolto Marasini, G., Visconti, P., and Rondinini, C. Generation length for mammals.](#)

Nature Conservation

● NETWORKS AND MEMBERSHIPS

2021 – CURRENT

President of the Society for Conservation Biology Italy Chapter APS

2012 – CURRENT

Member of the Society for Conservation Biology

2013 – CURRENT

Member of the Species Survival Commission Climate Change Specialist Group dell'International Union for Conservation of Nature

2016 – CURRENT

Member of the Species Survival Commission Red List Committee dell'International Union for Conservation of Nature

2014 – 2021

Member of the Italian Mammal Society (ATIt)

● CONFERENCES AND SEMINARS

17/06/2024 – 21/06/2024 Bologna (Italy)

7th European Congress of Conservation Biology

Chair of the Local Organizing Committee

23/07/2023 – 27/07/2023 Kigali (Rwanda)

31st International Congress of Conservation Biology

22/08/2022 – 26/08/2022 Prague (Czech Republic)

6th European Congress of Conservation Biology, co-chair of the Scientific Committee

08/06/2022 – 11/06/2022 Cogne (Italy)

XII Congresso Italiano di Teriologia

Invited talk

22/10/2021 – 22/10/2021 Parco Nazionale del Pollino (Italy)

Half-earth day 2021 Facciamo a metà?Dividere il pianeta tra umanità e natura

Invited, Online workshop

09/07/2021 – 15/07/2021 Online

International Mammalogical Congress joint with American Society of Mammalogists Congress

16/02/2021 – 19/02/2021 Rome (Italy)

Grant writing and career perspectives in ecology and conservation science

Seminar for PhD students

19/02/2020 – 21/02/2020 Rome (Italy)

Career perspectives in ecology and conservation

Seminar for PhD students

10/02/2020 – 13/02/2020 Rome (Italy)

Scientific publications

Seminar for PhD students

16/05/2018 – 18/05/2018 Frankfurt (Germany)

Global Biodiversity Modelling - ISIMIP/ISIPEDIA Biodiversity Sector Meeting

Workshop

07/05/2018 – 11/05/2018 Antananarivo (Madagascar)

Lemurs red-listing

Invited, Workshop

09/07/2017 – 14/07/2017 Perth (Australia)

12th International Mammalogical Congress

01/09/2016 – 10/09/2016 Honolulu (Hawaii, USA)

IUCN World Conservation Congress

20/04/2016 – 24/04/2016 Rome, Italy

African primate red-listing

Workshop

14/04/2016 – 15/04/2016 Wageningen (Netherlands)

Defining and applying the concept of Favourable Reference Values for species and habitats under the EU Birds and Habitats Directives

Workshop

09/11/2015 – 14/11/2015 Singapore

Asian primate red-listing

Invited, Workshop

21/09/2015 – 25/09/2015 Roma

Ecology at the Interface

02/08/2015 – 06/08/2015 Montpellier (France)

27th International Congress of Conservation Biology

Student award competition finalist

25/01/2015 – 29/01/2015 Houston (Texas, USA)

Neotropical primate red-listing

Invited, Workshop

07/05/2014 – 10/05/2014 Civitella Alfedena (Italy)

IX Congresso Italiano di Teriologia

12/12/2013 – 14/12/2013 Cambridge (UK)

Climate change vulnerability assessment approaches

Workshop organizzato dall'IUCN SSC Climate Change Specialist Group

01/12/2013 – 05/12/2013 Rome (Italy)

Identification of thresholds for sites contributing significantly to the global persistence of biodiversity

Workshop

03/03/2013 – 08/03/2013 Kruger National Park (South Africa)

11th Annual Savanna Science Networking Congress

28/08/2012 – 01/09/2012 Glasgow (UK)

3rd European Congress of Conservation Biology

● **PROJECTS**

02/2024 – 10/2025

Decommissioning of Enel carbon plants

Co-PI, funded by Enel Green Power, 20,000 EUR

2023 – 2025

Analysing the impact of global change on European insects through the lens of macroecology

Participant of the research group, Sapienza Research Funding, 45,340 EUR

07/2024 – 12/2024

Marine monitoring of habitats and species for the Integrated Monitoring and Assessment Programme

Co-PI, Tender from ISPRA, 82,000 EUR

20/01/2023 – CURRENT

High-throughput multiscale imaging of fixed and live biological samples

Participant of the research group, Sapienza Funding, 669,800 EUR

01/04/2023 – 31/03/2026

GaP - Guiding expansion of protection under the EU Biodiversity Strategy: Threatened species and novel methods for Key Biodiversity Area identification

Biodiversa + Project. PI for Sapienza.

22/12/2022 – 21/12/2024

Identifying synergies between Human Drivers of biodiversity loss

PI, Sapienza Research Funding, 10,000 EUR

2022 – 2026

NaturaConnect

Scientific coordinator for Sapienza uni, Horizon Europe project, 711,000 EUR

2022 – 2023

Biodiversità bene comune: conoscerla per difenderla e conservarla

PI, outreach project funded by Sapienza, 9975 EUR

10/2020 – 10/2021

Anthropogenic Impact on the Climatic Niche of Mammals

PI, *Avvio alla Ricerca* project funded by Sapienza, 2,200 EUR.

01/07/2020 – 30/06/2021

AnIMaNICHE

PI, *BE-FOR-ERC* project funded by Sapienza, 50,000 EUR.

10/2019 – 10/2020

Biodiversity scenarios for ecosystem services

Participant of the research group, *Fondi di Ateneo Sapienza*, 4,000 EUR.

10/2018 – 10/2019

Ecological and biological characteristics explain recent impacts of climate change on species

PI, *Avvio alla Ricerca* project funded by Sapienza, 4,000 EUR.

03/2019 – 2022

CLIMBATS

Participant of the research group, project funded by the European Cooperation in Science and Technology (COST).

03/2018 – 2022

Inspire4Nature

Participant of the research group, PhD supervisor Marie Skłodowska-Curie Innovative Training Networks (ITN) project funded by the European Commission, 3,950,859.24 EUR (1,032,245.28 EUR to Sapienza).

06/2017 – 12/2019

Modeling landscape fragmentation and rural development as drivers of ranchers' conflicts with wild carnivores

Participant of the research group, project for international cooperation funded by Ministero degli Affari Esteri e della Cooperazione Internazionale (Italy), Direzione Generale della Cooperazione Internazionale del Ministero delle Relazioni Esterne e Culto, and Direzione Nazionale di Cooperazione e Integrazione Istituzionale del Ministero della Scienza, Tecnologia e Innovazione Produttiva (Argentina).

10/2015 – 11/2017

Defining and applying the concept of Favourable Reference Values for species and habitats under the EU Birds and Habitats Directives

Participant of the research group, tender funded by the European Commission, 260,000 EUR.

10/2015 – 10/2016

Hotspots of mammal species at risk from climate change: the role of life history traits and external pressures

Participant of the research group, Sapienza Research Funding, 9,000 EUR.

● **HONOURS AND AWARDS**

12/06/2024

Bologna Ambassador – Bologna Welcome

Award for making the city of Bologna an important venue for exchanging scientific knowledge for the organization of ECCB2024

05/12/2023

Italian Knowledge Leaders – Italian Meeting Industry

Award given to top scientists contributing to making Italy a Conference country

09/06/2021

SCB Europe Early Career Conservation Award 2021 – Society for Conservation Biology

Award for the best European Early Career Researcher in Conservation of Biodiversity

11/01/2020

BE-FOR-ERC fellowship – Sapienza Università di Roma

Fellowship for research project of excellence, 50000 EUR

10/05/2017

Daikin Award for the Conservation of Biodiversity – Daikin Europe S.p.A.

Award for the best PhD thesis in Conservation of Biodiversity, 2000 EUR

06/02/2017

Visiting Fellowship Scheme program – Australian Research Council Centre of Excellence for Environmental Decisions (CEED)

Fellowship to visit Australian Research Centers and develop a common project, 3562 AUD

12/10/2015

Scholarship "The impact of climate changes on animal populations" – Associazione Teriologica Italiana onlus

Scholarship for young members of the ATIt to attend the workshop "The impact of climate changes on animal populations"

25/09/2015

Roberto Marchetti Award – Società Italiana di Ecologia

Award for the best presentation of a young researcher during the conference "Ecology at the Interface" 2015, 1000 EUR

02/08/2015

Finalist student award competition ICCB 2015 – Society for Conservation Biology

Among the 10 best abstracts among the >2000 received

02/08/2015

Travel grant – Society for Conservation Biology

Travel grant to attend the 2015 International and European Conference of Conservation Biology, 300 EUR

12/03/2013

Vitrociset award for master students – Vitrociset S.p.A.

Award for students that received the highest final mark during the master course

09/09/2005

Award for high school deserving students – Rome municipality

Award for students that received the highest final mark during the high school studies

● **EDITORIAL EXPERIENCE**

01/2022 – CURRENT

Conservation Science and Practice

Associate editor

Handling editor