

**UNIVERSITÀ DEGLI STUDI DI MILANO**

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**Pietro Milanesi**  
**CURRICULUM VITAE**

**PERSONAL INFORMATION**

First name / Surname	PIETRO MILANESI
Nationality	Italian
Date of birth	02 November 1982
Gender	Male
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Researchgate	<a href="https://www.researchgate.net/profile/Pietro_Milanesi">https://www.researchgate.net/profile/Pietro_Milanesi</a>
Google Scholar	<a href="https://scholar.google.com/citations?user=PXpVXw4AAAAJ&amp;hl=en">https://scholar.google.com/citations?user=PXpVXw4AAAAJ&amp;hl=en</a>

**EDUCATION AND TRAINING**

Dates	From September 2022
Title of qualification awarded	<b><i>Adjunct Professor of 'Ecology' at the Master programme in 'Sustainable Natural Resource Management'</i></b>
Name and type of organisation providing education and training	Department of Agricultural and Environmental Sciences - Production, Landscape, Agroenergy. University of Milan, Italy.
Dates	February 2022 – February 2031
Title of qualification awarded	<b><i>National Scientific qualification as Associate Professor (Zoology and Anthropology) in the Italian higher education system</i></b>
Name and type of organisation providing education and training	Ministry of University and Research, Italy
Dates	From April 2016
Title of qualification awarded	<b><i>Postdoctoral Research Scientist</i></b>
Principal subjects	Spatial statistical modelling of bird distributions in Europe (II European Breeding Bird Atlas and LIFE Project European Bird Portal)
Name and type of organisation providing education and training	Swiss Ornithological Institute – Vogelwarte, Switzerland

Dates	January 2011 to December 2013 (Defence in May 2014)
Title of qualification awarded	- <b>European Ph.D. degree in Biodiversity and Evolution (Biological, Geological and Environmental Sciences)</b> - <b>Doctor Europaeus degree in Biodiversity and Evolution (Biological, Geological and Environmental Sciences)</b>
Principal subjects	Landscape ecology and genetics of the wolf in Italy
Name and type of organisation providing education and training	University of Bologna in collaboration with ISPRA - National Institute for Environmental Protection and Research, Italy

Dates	October 2006 – July 2008
Title of qualification awarded	<b>Master of Science (M. Sc.) Degree in Natural Sciences (Earth and Environmental Sciences)</b>
Principal subjects	Distribution and trophic ecology of the wolf in Northern Italy
Name and type of organisation providing education and training	University of Pavia, Italy
Level in national	110 / 110 <i>cum laude</i> (national classification)

## Schools

Dates	23 - 29 March 2014
Title of qualification awarded	Certificate of attendance at the Spring School
Principal subjects	Landscape genetics in transition to landscape genomics: challenges and opportunities to explore NGS data in a spatially explicit context
Name and type of organisation providing education and training	Centro Universitario di Bertinoro in collaboration with ISPRA - National Institute for Environmental Protection and Research

Dates	12 – 18 September 2011
Title of qualification awarded	Certificate of attendance at the Summer School
Principal subjects	Advances in Species distribution modelling in ecological studies and conservation
Name and type of organisation providing education and training	University of Pavia & Gran Paradiso National Park

Dates	29 September - 3 October 2009
Title of qualification awarded	Certificate of attendance at the Summer School
Principal subjects	Biology and Conservation of Carnivores
Name and type of organisation providing education and training	ISPRA - National Institute for Environmental Protection and Research in collaboration with Centro Universitario di Bertinoro

## Courses

Dates	19 - 22 September 2016
Title of qualification awarded	Certificate of attendance at the Course
Principal subjects	Bayesian data analysis using linear models with R and Stan
Name and type of organisation providing education and training	Vogelwarte - Swiss Ornithological Institute

Dates	November - December 2014
Title of qualification awarded	Certificate of attendance at the Course
Principal subjects	Methods and procedures of genomic databases in UNIX (Ubuntu) environment - Advanced level
Name and type of organisation providing education and training	ISPRA - National Institute for Environmental Protection and Research

Dates	7 – 28 November 2012
Title of qualification awarded	Certificate of attendance at the Course
Principal subjects	R for geneticists and ecologists
Name and type of organisation providing education and training	ISPRA - National Institute for Environmental Protection and Research

Dates	17 – 20 April 2012
Title of qualification awarded	Certificate of attendance at the Course
Principal subjects	Advanced Statistics
Name and type of organisation providing education and training	University of Pavia, Italy

## Guest scientist

Dates	01 January – 30 June 2015
Title of qualification awarded	Guest Scientist
Principal subjects	Species distribution models (SDMs) in landscape genetics, corridor analysis, Bayesian clustering, 3D-LiDAR data
Name and type of organisation providing education and training	Biodiversity and Conservation Biology WSL - Swiss Federal Institute for Forest, Snow and Landscape Research

Dates	29 June – 29 December 2013
Title of qualification awarded	Guest Scientist
Principal subjects	HSM in landscape genetics, corridor analysis, Bayesian clustering
Name and type of organisation providing education and training	Biodiversity and Conservation Biology WSL - Swiss Federal Institute for Forest, Snow and Landscape Research

## Workshops & webinars

Dates	21-22 March 2022
Title of qualification awarded	Certificate of attendance at the Workshop
Principal subjects	Quantitative Methods for Population Dynamics in R
Name and type of organisation providing education and training	Centre d'Ecologie Fonctionnelle et Evolutive, France

Dates	25 – 26 January 2012
Title of qualification awarded	Certificate of attendance at the Webinar
Principal subjects	Unmarked: An R package for fitting hierarchical models of species abundance and occurrence
Name and type of organisation providing education and training	United States Geological Survey & Proteus Wildlife Research Consultants, USA

Dates	7 June – 25 August 2011
Title of qualification awarded	Certificate of attendance at the Webinar
Principal subjects	Learn R in-depth
Name and type of organisation providing education and training	United States Geological Survey & Proteus Wildlife Research Consultants, USA

Dates	12 October – 16 November 2010
Title of qualification awarded	Certificate of attendance at the Webinar
Principal subjects	Learn R by example
Name and type of organisation providing education and training	United States Geological Survey & Proteus Wildlife Research Consultants, USA

Dates	23 – 27 August 2010
Title of qualification awarded	Certificate of attendance at the Webinar
Principal subjects	Modelling patterns and dynamics of species occurrence
Name and type of organisation providing education and training	United States Geological Survey & Proteus Wildlife Research Consultants, USA

### **INTERNATIONAL AWARD**

Dates	Problematic Wildlife Award February 5, 2011
Award received from Name of Institution/ Country	Committee of the II International Congress “Problematic wildlife, conservation and management, Tuscia University, Italy.
Principal subjects	Modelling habitat suitability for the brown bear ( <i>Ursus arctos</i> ) in the Central Alps: a tool to predict predation risk

### **JOURNAL EDITOR**

Journal	Journal of Wildlife Management, Wildlife monographs
Dates	From July 2022
Main Activities	Associate Editor

Journal	Ecology and Evolution
Dates	From May 2019
Main Activities	Associate Editor

### **SCIENTIFIC SOCIETIES/ COMMITTEES**

Dates	From July 2022
Main Activities	Member
Scientific Society / Committee	The Wildlife Society

Dates	April 2020 – April 2022
Main Activities	Evaluator of the submitted abstracts and developer of the website content
Scientific Society / Committee	Local Organizing Scientific Committee of the International Conference Bird Numbers 2022 (EBCC 2022)

Dates	From April 2016
Main Activities	Data analyses designer and developer of statistical models.
Scientific Society / Committee	Spatial Modelling Group (SMOG) of European Bird Census Council (EBCC).

Dates	From May 2014
Main Activities	Data analyses designer and developers of statistical models.
Scientific Society / Committee	Laboratory of Genetics, Conservation Genetics Unit, Department of Wildlife Biology and Conservation, ISPRA.

### **POSITION(S) HISTORY**

Dates	From September 2022
Position	Adjunct Professor of ‘Ecology’
Department / Institution/ Country	Master programme in ‘Sustainable Natural Resource Management’, Department of Agricultural and Environmental Sciences - Production, Landscape, Agroenergy. University of Milan, Italy.

Dates April 2016 to July 2022  
 Position Postdoctoral position  
 Department / Institution/ Country Monitoring Department, Swiss Ornithological Institute - Vogelwarte, Switzerland.

Dates May 2014 to current  
 Position Honorary Scientific Collaborator  
 Department / Institution/ Country Laboratory of Genetics, Conservation Genetics Unit, Department of Wildlife Biology and Conservation, ISPRA.

Dates June 2015 - October 2015  
 Position Research fellowship in "Development of distribution models for vertebrate & invertebrate species"  
 Institution/ Country University of Pavia, Italy.

Dates March 2012 – December 2014  
 Position Scientific Coordinator of the wolf management and conservation project "Il lupo in Liguria"  
 Institution/ Country Parco Naturale Regionale dell'Antola, Italy

Dates April 2013 - July 2014  
 Position Scientific data analyzer/manager of endangered mammals species in the Habitat Directive in Liguria, Italy  
 Institution/ Country Parco Naturale Regionale dell'Antola, Italy

Dates December 2012 – February 2013  
 Position Scientific data analyzer/manager of endangered mammals species in the Habitat Directive in Lombardy, Italy  
 Institution/ Country FLA - Fondazione Lombardia per l'Ambiente, Italy

Dates February 2009 - February 2012  
 Position Research fellowship in "Large carnivores monitoring"  
 Institution/ Country University of Pavia, Parco Regionale delle Orobie Bergamasche, Italy

#### **SOCIAL SKILLS AND COMPETENCES**

- organizational skills developed through coordination, planning and realization of field work gained through my previous experience of Scientific Coordinator;
- willingness and ability to adapt to different contexts, especially in diverse cultural backgrounds, gained through my study experiences abroad;
- team spirit and aptitude to share enthusiasm in my working environment;
- organizational skills developed through coordination, planning, cooperation and realization of academic and public outreach events, such as scientific exhibits and conferences;
- natural facility to speak to an audience and to the general public, improved through my experience as lecturer and in several outreach events;
- development of networks of stakeholders and practitioners;

#### **TEACHING ACTIVITIES**

Dates From September 2022  
 Hours 32 as Adjunct Professor  
 Topic Ecology  
 Name of University/ Country University of Milan, Italy.

Dates From March 2016  
Hours 40 as Lecturer  
Topic Wildlife sampling techniques & analysis  
Name of University/ Country University of Pavia, Italy

Dates 2018  
Hours 20 as Professor  
Topic Combining R & GIS to study animals;  
Development of Ecological Niche Models / Habitat Suitability Models / Occupancy  
Models / Species Distribution Models.  
Name of University/ Country **Summer School Methods in Forest Ecology 2018**, University of Pavia, Italy

Dates 2011 – 2013  
Hours 30 as Lecturer  
Topic Biodiversity and Evolution: Landscape ecology and genetics of the wolf in Italy  
Name of University/ Country University of Bologna, Italy

Dates 2009 – 2013  
Hours 40 as Lecturer  
Topic Combining R & GIS to study animals  
Name of University/ Country University of Pavia, Italy

Dates 2009 – 2013  
Hours 40 as Lecturer  
Topic Wildlife conservation and management  
Name of University/ Country University of Pavia, Italy

Dates May 2013  
Hours 10 as Lecturer  
Topic Applied biodiversity: the wolf in Italy  
Name of University/ Country University of Pisa, Italy

Dates May 2012  
Hours 10 as Lecturer  
Topic Wolf conservation and management  
Name of University/ Country Parco Naturale Regionale dell'Antola, Italy

Dates 2010 - 2012  
Hours 30 as Lecturer  
Topic Wildlife conservation and management  
Name of University/ Country University of Parma, Italy

Dates 2008 – 2010  
Hours 30 as Lecturer  
Topic Applied Ecology  
Name of University/ Country Bicocca Milan University, Italy

**COSUPERVISION OF MSc** 23 (University of Bologna, University of Genoa, University of Milan, University of  
Parma, University of Pavia)

**BSc** 2 (University of Pavia)

**PERSONAL SKILLS AND  
COMPETENCES**

Mother tongue Italian

Other language(s)

Self-assessment

European level (\*)

	<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
	Listening	Reading	Spoken interaction	Spoken production	
<i>English</i>	C2	C2	C2	C2	C2
<i>French</i>	B2	B1	B2	B2	B1
<i>Spanish</i>	B2	B2	B1	B1	A2
<i>Portuguese</i>	B2	B2	B1	B1	A2
<i>German</i>	A2	A2	A2	A2	A2

(\*) Common European Framework of Reference for Languages

**COMPUTER SKILL**

Statistical Softwares  
(alphabetical order)

**Mainly R Cran but also:**

1. Circuitscape v.5 - Circuitscape.jl v.0.1.0
2. Ecological Methodology v.7.2
3. Julia(.jl) v.1.6.4
4. MaxEnt v.3.4.4
5. Omniscape.jl
6. Passage v.2
7. R Studio
8. Ranges v.9
9. SDMtoolbox v.2.5
10. SPSS v.20
11. VORTEX v.10.5.6
12. Zonation v.4

G.I.S. Softwares  
(alphabetical order)

1. ArcGIS v.10.4.1
2. Arcview v.3.X
3. GenGIS v.2.4
4. Geomedia Profesional v.6.1.9
5. Google Earth Engine
6. Linkage Mapper v.3
7. MapInfo Professional v.11.5
8. Microstation v.8
9. QG.I.S. v.3.4.8

Genetic/Genomic Softwares  
(alphabetical order)

1. Admixture v.1.3
2. Arlequin v.3.5.2.2
3. EIGENSOFT v.8
4. GenAEx v.6.5
5. Geneland v.4.0.9
6. Genepop v.4.7.5
7. Structure v.2.3.4
8. TESS v.2.3.1 / 3

**Other Software**

1. Microsoft Office 2003, 2007, 2010, 2014, 365 (Excel, Word, Access, PowerPoint)
2. Open Office v.3.4.1
3. AutoCAD 2013
4. Photoshop

**Systems**

1. MICROSOFT ( Windows XP, Windows Vista, Windows 7, 8, 10, 11)
2. GNU / Linux / Ubuntu
3. Apple Macintosh



## **SPECIES DISTRIBUTION MODELS**

### **SKILL (developed in R Cran)**

(alphabetical order)

1. Artificial Neural Network (ANN)
2. Bayesian modelling using Gaussian processes (GP-MAP/FIX)
3. Bayesian additive regression trees (BART)
4. Boosted Regression Trees (BRT)
5. Classification Tree Analysis (CTA / CART / RPART)
6. DOMAIN
7. Ecological Niche Factor Analysis (ENFA)
8. Ensemble of Small Models (ESMs)
9. Flexible Discriminant Analysis (FDA)
10. Generalized Additive Model (GAM)
11. Generalized Additive Mixed Effects Model (GAMM)
12. Generalized Linear Model (GLM)
13. Generalized Linear Mixed Effects Model (GLMM)
14. Net Regularized Generalized Linear Model (GLMNET)
15. Hierarchical Bayesian species distribution models (hSDM)
16. Integrated nested Laplace approximation (INLA, SPDE)
17. Mahalanobis Distances Factor Analysis (MADIFA)
18. Maximum Entropy (MAXENT / MAXNET)
19. Maximum Likelihood-based approach (MAXLIKE)
20. Minimum Cross Entropy (MINXENT)
21. Mixed Effects Boosted Regression Trees (MBRT)
22. Mixed Effects Random Forest (MRF)
23. Monte Carlo Markov Chain Generalized Linear Mixed Effects Model (MCMCGLMM)
24. Multiple Adaptive Regression Splines (MARS)
25. n-dimensional hypervolume (*n-dimensional hypervolume*)
26. N-mixture models (unmarked)
27. Plateau envelope function (PLATEAU)
28. Random Forest (RF)
29. Support Vector Machines (SVM)
30. Surface Range Envelope (SRE-BIOCLIM)
31. Site Occupancy Models (unmarked)
32. Spatial Occupancy Models (spOccupancy)
33. Extreme Gradient Boosting (XGBOOST)

### **STUDIED SPECIES**

(alphabetical order)

1. 560 species of European breeding birds
2. 70 species of saproxylic beetles
3. *Bombus alpinus helleri*
4. *Canis lupus*
5. *Capra ibex*
6. *Capreolus capreolus*
7. *Cervus elaphus*
8. *Dama dama*
9. *Gulo gulo*
10. *Hystrix cristata*
11. *Lepus europaeus*
12. *Lepus timidus*
13. *Lutra lutra*
14. *Lynx lynx*
15. *Martes foina*
16. *Martes martes*
17. *Meles meles*
18. *Popillia japonica*
19. *Ovis musimon*
20. *Rupicapra rupicapra*
21. *Sus scrofa*

22. *Tamias sibiricus*
23. *Ursus arctos*

#### **REFEREE**

1. Acta Ornithologica
2. Basic and Applied Ecology
3. Behavioural Processes
4. Bird Conservation International
5. BMC Ecology
6. Conservation Genetics
7. Diversity and Distributions
8. Ecography
9. Ecological Modelling
10. Ecology and Evolution
11. Entropy
12. European Journal of Wildlife Research
13. Frontiers in Ecology and Evolution
14. Global Change Biology
15. Heredity
16. Hystrix, Italian Journal of Mammalogy
17. Journal of Biogeography
18. Journal of Natural History
19. Mammal Research
20. Molecular Ecology

#### **INVITED PRESENTATIONS AS A SPEAKER**

1. **MILANESI P.**, November 16, 2016. "The European Breeding Bird Atlas - Combining environmental variables and distribution models for the new European breeding bird atlas". Hochschule Rapperswil, Switzerland.
2. **RANDI E., CANIGLIA R., FABBRI E., GALAVERNI M., MILANESI P.**, October 22, 2012. "Ten years of monitoring of the distribution and abundance of the wolf population in the Central-Northern Apennines". Congress "Towards new models of conservation and management of wolves in Italy". Bologna, Italy.
3. **MERIGGI A., MILANESI P., PUOPOLO F., SERAFINI S.**, October 22, 2012. "Predictive models for the conservation of the wolf and to prevent conflicts with animal husbandry". Congress "Towards new models of conservation and management of wolves in Italy". Bologna, Italy.
4. **MILANESI P., SOBRERO R.**, June 27, 2012. "Reference experiences in the national context: Liguria Region". Congress "Experiences and perspectives of management of the conflict between protected predators and livestock in Tuscany". Florence, Italy.
5. **MERIGGI A., MILANESI P.**, April 2, 2010. "Predictive models to prevent and solve husbandry-wolf conflicts". Congress "Over the conflicts. Status and conservation of the wolf and other carnivores in the Central Apennines". Urbino, Italy.

**COMMUNICATIONS AT  
NATIONAL AND INTERNATIONAL  
CONGRESSES / PROCEEDINGS**

BirdNumbers 2022 – Beyond the Atlas: challenges and opportunities, 2022, Lucerne, Switzerland.

1. **Milanesi P.**, Sattler T., Voříšek P., Keller V., Jiguet F., Johnston A., Brotons L., Titeux N., Herrando S. What do we gain by increasing model complexity? A comparison among several SDM approaches tested for EBBA2. **(Oral presentation)**
2. Sierdsema H., **Milanesi P.**, Baillie S., Brotons L., Sattler T., Foppen R., Antoniazza S., Robinson R., Border J., Regos Sanz A., Davies J., Johnston A., Kampichler C., Gargallo G. Spatio-temporal models to estimate the dynamic distributions of European waterfowl. **(Oral presentation)**
3. Carboneras C., Raquena S., Herrando S., Villero D., Brotons L., **Milanesi P.**, Arroyo B. Applying EBBA2 distribution models to conservation: a practical example with European Turtle Dove. **(Oral presentation)**

BirdNumbers 2019 – Counting birds counts, 2019, Evora, Portugal.

1. **Milanesi P.**, Herrando S., Vorisek P., Keller V. and EBCC Spatial Modelling Group. Modelling the distribution of breeding birds for the second European breeding bird atlas EBBA2. **(Oral presentation)**
2. Keller V., Franch M., Herrando S., Kipson M., **Milanesi P.**, Voříšek P. European breeding bird atlas 2: the final results emerged. **(Oral presentation)**
3. Voříšek P., Herrando S., Keller V., Franch M., Kipson M., **Milanesi P.** Using standardised EBBA2 data on farmland birds to inform EU policies. **(Oral presentation)**

Macroecology in the age of big data, 2018, Birmensdorf, Switzerland.

1. **Milanesi P.**, Herrando S., Vorisek P., Keller V. EBBA2: the Second European Breeding Bird Atlas in the era of big data. **(Poster)**

XIX CIO – 19esimo Congresso Italaiano di Ornitologia, 2017, Torino, Italy

1. **Milanesi P.**, Herrando S., Vorisek P., Keller V. EBBA2: Updating the knowledge of breeding bird distribution in Europe. **(Oral presentation)**
2. **Milanesi P.**, Baillie S., Delaloye G., Lardelli R., Paquet JY, Titeux N., Gargallo G., Foppen R., Schmid H. EuroBirdPortal: Data from online portals reveal new insights in large-scale spatio-temporal patterns of Europe's birds. **(Oral presentation)**

European Ornithologists' Union (EOU) Conference 2017, Turku, Finland.

1. Keller V., Franch K, Herrando S., Kipson M., **Milanesi P.**, Vorisek P. EBBA2: new information on the distribution of birds in Europe. **(Oral presentation)**

MIPP European Workshop, 2017, Mantova, Italy.

1. Della Rocca F., Bogliani G., **Milanesi P.** Patterns of distribution and landscape connectivity of the stag beetle in a human-dominated landscape. **(Oral presentation)**

GIS-Day 2016, Hochschule Rapperswil, Switzerland.

1. **Milanesi P.** The European Breeding Bird Atlas - Combining environmental variables and distribution models for the new European breeding bird atlas. **(Oral presentation)**

Deutsche Ornithologen - Gesellschaft (DO-G) Annual Convention, 2016, Stralsund, Germany.

1. Keller V., Bauer H.G., Franch M., Herrando S., Kipson M., **Milanesi P.**, Voříšek P. Der europäische brutvogelatlas macht fortschritte. **(Oral presentation)**

9th Symposium on the conservation of saproxylic beetles, 2016, Genk, Belgium.

1. Della Rocca F., Bogliani G., Breiner F., **Milanesi P.** Identifying hotspots for rare species under climate changes scenarios: improving saproxylic beetles conservation in Italy" . **(Poster)**

Bird Numbers 2016 – Bird in a changing world, 2016, Halle, Germany.

1. Herrando S., Keller V., Vorisek P., Kipson M., Franch M., Anton M., Pla M., Villero D., Sierdsema H., Kampichler C., Telensky T., Gillings S., Johnston A., Gottschalk T., Guelat J., Sattler T., Brotons L., Titeux N., Jiguet F., Kéry M., **Milanesi P.** High resolution maps for the new European breeding bird atlas: a first provision of standardised data and pilot modelled maps. **(Oral presentation)**
2. **Milanesi P.**, Herrando S., Pla M., Villero D., Keller V. Towards continental bird distribution models: environmental variables for the second European breeding bird atlas and identification of priorities for further surveys. **(Poster)**

IX Italian Congress of Theriology, 2014, Civitella Alfedena, Italy.

1. Serafini M., Biondo A., Cristiani G., Imbert C., Magliano M., **Milanesi P.**, Puopolo F., Schenone L., Signorelli D., Torretta E., Zanzottera M. Wolf, human and their game: using remote cameras to describe temporal and spatial relations between species. **(Poster)**
2. Torretta E., **Milanesi P.**, Puopolo F., Schenone L., Serafini M., Signorelli D. Efficiency of Ligurian protected areas on wolf conservation (N-W Italy). **(Poster)**

XXXI International Union of Game Biologists Congress, 2013, Brussels, Belgium.

1. **Milanesi P.**, Gazzola A., Schenone L., Signorelli D., Serafini M., Caniglia R., Fabbri E., Randi E., Meriggi A.. The role of food availability, human conflict and landscape features in a wolf occupancy process. **(Poster)**
2. Meriggi A., Dagradi V., **Milanesi P.**, Lombardini M., Ravilgione S., Repossi A.. Diet of wolves and selection of wild ungulates in an area of Northern Italy. **(Oral presentation)**
3. Meriggi A., Perversi M., Dagradi V., Dondina O., **Milanesi P.** Wolf habitat suitability in an area of the Northern Apennines: a multi-model approach. **(Poster)**
4. Meriggi A., Dondina O., Dagradi V., Perversi M., **Milanesi P.** Impact of Wolf on livestock in Northern Italy and prediction of predation risk. **(Poster)**
5. Meriggi A., **Milanesi P.**, Puopolo F., Schenone L., Signorelli D., Serafini M.. Factors affecting predation on livestock by wolves in Liguria, N-Italy. **(Poster)**
6. Meriggi A., Torretta E., **Milanesi P.**, Serafini M., Schenone L., Signorelli D.. Habitat selection by wolves in Ligurian Apennines (North-Western Italy). **(Poster)**
7. **Milanesi P.**, Cinerari C., Merli E., Meriggi A.. Modeling a red deer population reintroduced in an area of Northern Apennines (N-Italy). **(Poster)**

Bearded vulture International meeting, 2013, Rhêmes-Saint- Georges, Aosta, Italy

1. **Milanesi P.**, Giraudo L., Morand A., Bogliani G.. Analysis of sightings of bearded vultures in Alpi Marittime Natural Park and Mercantour National Park area. **(Oral presentation)**

II International Congress Problematic Wildlife: Conservation and Management, 2011, Genazzano, Rome, Italy.

1. **Milanesi P.**, Crotti C., Mazzoleni L.. Modeling habitat suitability for brown bear (*Ursus arctos*) in Central Alps: a tool to predict predation risk. **(Oral presentation)**
2. Meriggi A., **Milanesi P.**, Schenone L., Signorelli D.. Wolf (*Canis lupus*) predation on livestock in Liguria. **(Poster)**
3. Meriggi A., **Milanesi P.**, Brangi A., Lamberti P., Giannini F.. Integrated management of Wild boar in protected areas: the case of Elba island. **(Oral presentation)**

VII Italian Congress of Theriology, 2010, Fabriano, Italy.

1. **Milanesi P.**, Lombardini M., Meriggi A.. Diet of wolves in an area of the Northern Italy. **(Oral presentation)**
2. Meriggi A., **Milanesi P.**, Schenone L., Signorelli D., Draghi A.. Distribuzione potenziale del Lupo (*Canis lupus*) in Liguria. **(Oral presentation)**
3. Meriggi A., **Milanesi P.**, Crotti C.. Distribuzione, uso dell'habitat e spostamenti dell'orso bruno (*Ursus arctos*) nelle alpi centrali." **(Poster)**

**PARTECIPATION AT  
NATIONAL AND INTERNATIONAL  
CONGRESSES / PROCEEDINGS**

1. "BirdNumbers 2022 – Beyond the Atlas: challenges and opportunities, 2022, Lucerne (Switzerland), 4-9 April 2022.
2. "BirdNumbers 2019 – Counting birds counts", Evora (Portugal), 8-13 April 2019.
3. "XI Congresso italiano di Teriologia", Florence (Italy), 20-22 May 2018.
4. "Macro 2018 Meeting - Macroecology in the Age of Big Data", WSL Birmensdorf (Switzerland), 10-12 April 2018.
5. "XIX CIO" – 19esimo Congresso Italiano di Ornitologia, Torino (Italy), 27 September – 1 October 2017
6. "GIS-Day 2016". Hochschule Rapperswil (Switzerland), 16 Novembre 2016
7. "BirdNumbers 2016 – Bird in a changing world". Halle (Germany), 5-9 September 2016
8. "Hybridization between wild and domestic mammals as a conservation threat and opportunity". Grosseto (Italy), 2-3 November 2014.
9. "Il Lupo tra mito e realtà-Palalupo". Genova (Italy), 16-17 May 2014.
10. "IX Congresso italiano di Teriologia". Civitella Alfedena (Italy), 7 - 10 May 2014.
11. "I Vertebrati degli ecosistemi del Piemonte". Carmagnola (Italy) 16 November 2013.
12. "Bearded vulture International meeting". Rhêmes-Saint- Georges (Italy) 9-11 November 2013.
13. "International Union of Game Biologists - Congress IUGB 2013". Brussels (Belgium) 27-30 August 2013.
14. "Verso nuovi modelli di conservazione e gestione del lupo in Italia". Bologna (Italy), 22 October 2012.
15. "Esperienze e prospettive di gestione del conflitto tra predatori protetti e zootecnia in Toscana". Florence (Italy), 27 June 2012.
16. "Fauna problematica: conservazione e gestione. II° Convegno Internazionale". Genazzano (Roma, Italy) – Castello Colonna, 3 - 5 February 2011.
17. "VII Congresso italiano di Teriologia". Fabriano (AN), 5 - 7 May 2010.
18. "Oltre i conflitti. Lo stato di conservazione del lupo e degli altri carnivori nell'Appennino Centrale". Urbino (Italy), 22 April 2010.
19. "Il lupo e gli ungulati selvatici in Europa : esperienze a confronto".
20. Arezzo (Italy), 9 May 2008.

**Organizer of national and international Congresses**

Dates	April 2020 – April 2022
Main Activities	Evaluator of the submitted abstracts and developer of the website content
Scientific Society / Committee	Local Organizing Scientific Committee of the International Conference Bird Numbers 2022 (EBCC 2022)

## LIST OF PUBLICATIONS OF PIETRO MILANESI

### PAPERS ON PEER-REVIEWED JOURNALS (N=39)

1. DELLA ROCCA F., **MILANESI P.** (2022). The spread of the Japanese beetle in a European human-dominated landscape: high anthropization favors colonization of *Popillia japonica*. *Diversity*, 14(8): 658.
2. DELLA ROCCA F., **MILANESI P.** (2022). The new dominator of the world: modeling the global distribution of the Japanese beetle under land use and climate change scenarios. *Land*, 11(4): 567.
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5. **MILANESI P.**, MORI E., MENCHETTI M., 2020. Observer-oriented approach improves species distribution models from citizen science data. *Ecology and Evolution*, 10: 12104-12114.
6. JENNI L., GANZ K., **MILANESI P.**, WINKLER R., 2020. Determinants and constraints of feather growth. *PLOS ONE*. DOI: <https://doi.org/10.1371/journal.pone.0231925>.
7. DELLA ROCCA F., **MILANESI P.**, 2020. Combining climate, land use change and dispersal to predict the distribution of short-distance dispersal species in Europe. *Journal of Biogeography*, 47: 1427-1438.
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10. DONFRANCESCO V., ..., **MILANESI P.** et al., 2019. Unravelling the Scientific Debate on How to Address Wolf-Dog Hybridization in Europe. *Frontiers in Ecology and Evolution*, 7: 175.
11. HERRANDO S., KELLER V., BAUER H.G., BROTONS L., EATON M., KALYAKIN M., LEHIKONEN A., **MILANESI P.**, NOBLE D., RAMÍREZ I., VOŘÍŠEK P., FOPPEN R., 2019. Using large-scale distribution data for science: the case of the European breeding bird atlases. *Bird Study*, 66: 149-158.
12. BALESTRIERI A., MORI E., MENCHETTI M., RUIZ-GONZÁLEZ A., **MILANESI P.**, 2019. Far from the madding crowd: Tolerance towards human disturbance shapes distribution and connectivity patterns of closely related *Martes* spp.. *Population Ecology*, 61: 289-299.
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14. MORI E., MENCHETTI M., ZOZZOLI R., **MILANESI P.**, 2019. The importance of taxonomy in species distribution models at a global scale: the case of an overlooked alien squirrel facing taxonomic revision. *Journal of Zoology*, 307: 45-92.
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20. DELLA ROCCA F., BOGLIANI G., **MILANESI P.**, 2017. Patterns of distribution and landscape connectivity of the stag beetle in a human-dominated landscape. *Nature Conservation*, 19: 19-37.
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16. MERIGGI A., TORRETTA E., **MILANESI P.**, SERAFINI M., SCHENONE L., SIGNORELLI D., 2013. "Habitat selection by wolves in Ligurian Apennines (North-Western Italy)". Abstracts of the XXXI International Union of Game Biologists Congress (Brussels, 27 – 29 August 2013), Brussels, Belgium, pp. 334.
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## **REPORTS OF RESEARCH PROJECTS (N=17)**

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3. MERIGGI A., NELLI L., CHIATANTE G., **MILANESI P.**, CINERARI C., PERVERSI M., DAGRADI V., DONDINA O., 2013. *"Attività di monitoraggio e predisposizione di documenti tecnico-gestionali propedeutici alla stesura del nuovo piano faunistico venatorio della Provincia di Piacenza"*.
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7. MERIGGI A., **MILANESI P.**, SCHENONE L., SIGNORELLI D., SERAFINI M., 2011. *"Proposte per la prevenzione e l'indennizzo dei danni da parte di lupo al patrimonio zootecnico in Liguria."*
8. MERIGGI A., **MILANESI P.**, CROTTI C., MAZZOLENI L., 2010. *"Monitoraggio dei grandi predatori nel Parco delle Orobie Bergamasche (rapporto di fine progetto)."*
9. MERIGGI A., **MILANESI P.**, CROTTI C., MAZZOLENI L., 2010. *"I Grandi Carnivori in Lombardia"*. in *"Piano di monitoraggio dei Vertebrati terrestri di interesse comunitario (Direttive 79/409/CEE e 92/43/CEE) in Lombardia"*.
10. MERIGGI A., **MILANESI P.**, SCHENONE L., SIGNORELLI D., REPOSSI A., RAMELLA GAL G., SERAFINI M., 2010. *"Relazione III fase progetto Il lupo in Liguria."*
11. MERIGGI A., **MILANESI P.**, BRANGI A., LAMBERTI P., 2010. *"Indagine sui danneggiamenti da cinghiale (Sus scrofa) nel Parco Nazionale dell'Arcipelago Toscano e sull'efficacia dei metodi di controllo della popolazione."*
12. MERIGGI A., GIORDANO M., MEDDA M., **MILANESI P.**, NELLI L., SACCHI O., VIDUS A., ZILIANI U., 2010. *"Aggiornamento carta faunistica della Regione Sardegna - Relazione conclusiva sulle ricerche su Pernice sarda e Lepre sarda."*
13. MERIGGI A., **MILANESI P.**, SCHENONE L., SIGNORELLI D., 2009. *"Ecologia del lupo (Canis lupus) in Liguria e impatto sulla Zootecnia."*
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Data

04/10/2022

Luogo

Torre d'Isola (PV)