*Family name:* **Maiorano**

*First name:* **Luigi**

# Present position

Senior Associate Researcher, Department of Biology and Biotechnologies “Charles Darwin”, University of Rome “La Sapienza”.

# Research topics

Species distribution modeling, global change and biodiversity, biogeography, macroecology, conservation biology, GIS and remote sensing.

# National qualifications

* Italian National Qualification (Abilitazione Scientifica Nazionale) in Ecology (05/C1) for II Level Professor (Professore Associato, II Fascia) from 31/01/2014 to 31/01/2020.
* French National Qualification (Maitre de Conférences) in Population Biology and Ecology (Section 67) from 27/01/2016 (N° de qualification: 16267291862).

# Bibliometrics (ISI Web of Science; 11/12/2015)

H-index: 22

Total citations: 1417 (1277 without self citations)

Citing articles: 1149 (1102 without self citations)

Average citations per article: 25.76

Average citations per year: 157.44

Normalized H index (since PhD degree): 2

Total articles: 59

# Education

* *2007: PhD in Natural Resources; University of Idaho; Committee: Edward O. Garton (University of Idaho; major advisor), Luigi Boitani (Sapienza Università di Roma), Raymond Dezzani (University of Idaho), J. Michael Scott (University of Idaho). Dissertation Title: Italian Protected Areas and Their Role in the Conservation of Vertebrates*
* *2005: Certificate in Statistics; Department of Statistics, University of Idaho; supervisor: Kirk Steinhorst (University of Idaho)*
* *2003: GIS Certificate; Department of Geography, University of Idaho; supervisor: Kang-Tsung Chang (University of Idaho)*
* *2001: Master in Sustainable Development; IMES, Università di Teramo, Italian Ministry for the Environment and the Territory*
* *2000: Post-Degree Specialization in Biological Sciences; University of Idaho; supervisors: Luigi Boitani (Sapienza Università di Roma), Edward O. Garton (University of Idaho)*
* *1998: Bachelor Degree in Natural Sciences (cum laude); Sapienza Università di Roma; supervisors: Luigi Boitani (Sapienza Università di Roma), Fabio Corsi (Columbia University). Dissertation Title: Modelli di Idoneità Ambientale di Alcuni Ungulati in Italia e nell’Arco Alpino (Habitat suitability models for some wild ungulates in Italy and the Alpine range).*

# Professional Experience

* *Senior Associate Researcher (May 2014-April 2016), Department of Biology and Biotechnologies “Charles Darwin”, University of Rome “La Sapienza”.*
* *Assistant Professor (no tenure; Ricercatore a tempo determinato, March 2011 – February 2014), Department of Biology and Biotechnologies “Charles Darwin”, University of Rome “La Sapienza”.*
* *PostDoc Researcher (January 2009 – February 2011), Spatial Ecology Group, Department of Ecology and Evolution, University of Lausanne. Supervisor: Prof. Antoine Guisan (University of Lausanne). Project: EcoChange – Biodiversity and ecosystem changes in Europe.*
* *GIS consultant (November 2009 – December 2009). Food and Agriculture Organization (FAO) of the United Nations (ONU), Division AGALD. Project: Greenhouse gas emissions from animal food chains. Supervisor: Pierre Gerber (AGALD, FAO).*
* *Associate Researcher (January 2003 – December 2008). Sapienza Università di Roma. Department of Animal and Human Biology. Supervisor: Luigi Boitani (Sapienza Università di Roma). Project: Ecological Networks for the Conservation of Vertebrates*
* *GIS & Remote Sensing Senior Researcher (January 2007 – December 2008). Sapienza Università di Roma. Department of Animal and Human Biology. Project: Critical Interactions Between Species and their Implications for a PreCAUtionary FiSheries Management in a variable Environment - a Modelling Approach (BECAUSE). Supervisors: Francesco Colloca; GianDomenico Ardizzone (Sapienza Università di Roma).*
* *GIS consultant (May-December 2005). Food and Agriculture Organization (FAO) of the United Nations (ONU). Project: African Water Resource Database. Supervisor: J. Pepe Aguilar-Manjarrez (FAO).*
* *GIS & Remote Sensing Senior Researcher (May 2004 – January 2005). Institute of Applied Ecology (Rome) and WWF-MedPo. Project: The Green Belt Programme: Remote sensing analysis of cedar forest deforestation in the middle Atlas, Morocco. Supervisors: Luigi Boitani; Valeria Salvatori (Institute of Applied Ecology).*
* *GIS & Remote Sensing Senior Researcher (January 2004 – July 2004). Sapienza Università di Roma. Department of Animal and Human Biology. Project: Rete Ecologica Regionale – Regione Lazio. Supervisor: Luigi Boitani (Sapienza Università di Roma).*
* *GIS & Remote Sensing Senior Researcher (May 2001 – July 2001). Institute of Applied Ecology (Rome). Project: The Italian National Ecological Network. Supervisor: Luigi Boitani (Institute of Applied Ecology).*
* *GIS consultant (January – March 2001). Institute of Applied Ecology (Rome). Project: Carta della Natura. Supervisor: Luigi Boitani (Institute of Applied Ecology).*
* *GIS consultant (January – March 2001). Sapienza Università di Roma. Department of Animal and Human Biology. Project: Species Information Service (SIS). Supervisor: Luigi Boitani (Sapienza Università di Roma).*
* *GIS consultant (April 2000). Sapienza Università di Roma - Department of Plant Biology. Project: The Green Areas in the Municipality of Rome. Supervisor: Franco Bruno and Fabio Attorre (Sapienza Università di Roma).*
* *GIS consultant (October – November 1999). Institute of Applied Ecology. Project: African Mammals Databank. Supervisor: Luigi Boitani (Institute of Applied Ecology).*

# Main Grants

* *Project: Protected areas, habitat connectivity and conservation of large carnivore species over the Apennines. Supported by: University of Rome “La Sapienza” Research Grants (N° 0067282; 2015; total budget: 5,000 €). Role:* ***co-investigator*** *(PI: Dr. Paolo Ciucci).*
* *Project: Large scale planning to enhance large carnivore-human coexistence: wolves and bears in the human dominated landscape of Italy. Supported by: International Wolf Center, USA (05/2014-04/2017; total budget: 150,000 €). Role:* ***co-investigator*** *(PIs: prof. Luigi Boitani, Dr. Paolo Ciucci).*
* *Project: Inferring the extinction risk of data deficient mammals. Research AWARDS of the University of Rome “La Sapienza” (n° C26H1345LM; total budget: 55,000 €; 2013). Role:* ***co-investigator*** *(PI: prof. Luigi Boitani).*
* *Project: Effects of global change on freshwater ecosystems in Europe. FARI-SAPIENZA program (06/2011-06/2012; n° C26I11H2MT; total budget: 7,500 €). Role:* ***principal investigator****. Collaboration with Institute of Evolutionary Biology, Barcelona (Spain), Department of Entomology, Harvard University (USA), Naturhistorisches Museum, Wien (Austria).*
* *Project: Global Mammal Assessment (*[*http://globalmammal.org/*](http://globalmammal.org/)*; 01/2005-ongoing; total budget estimated at 1.8 million € till 2012). Supported by: Conservation International, Texas A&M University, Arizona State University, University of Virginia, University of Roma “La Sapienza”, and Zoological Society of London. Role: researcher.*
* *Project: HARMBIO (*[*www.harmbio.eu*](http://www.harmbio.eu)*; 01/2012-ongoing; total budget estimated at 700,000 €). Co-funded by the European Union ESSEM COST program (Action ES1101). Role: researcher.*
* *Project: ECOCHANGE (*[*http://www.ecochange-project.eu*](http://www.ecochange-project.eu)*; 01/2009-03/2012; 7 million €). Co-funded by the 6° Framework Program of the European Union (n° FP6-036966). Role: post-doc researcher.*
* *Project: BIOSCORE (*[*www.bioscore.eu*](http://www.bioscore.eu)*; 02/2006-12/2008; 1,576,153 €). Co-funded by the 6° Framework Program of the European Union (n° FP6-022661). Role: researcher (****actively involved into project writing and development****).*
* *Project: National Ecological Network (01/2001-12/2007; total budget estimated at 1 million €). Co-funded by the Italian Ministry for the Environment. Role: researcher (****actively involved into project writing and development****).*

# Language skills (1 to 5 for competence)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | *Reading* | *Speaking* | *Writing* |
|  | Italian | 5 | 5 | 5 |
|  | English | 5 | 5 | 5 |
|  | French | 4 | 2 | 2 |

# Member of professional or academic societies and committees

* *Member of the American Association of Geographers. GIS specialty group, Remote Sensing Specialty group. Spatial Analysis and Modeling Specialty Group.*
* *Advisory Member of the Species Survival Commission – IUCN*
* *Member of the Society for Conservation GIS*
* *Member of the Society for Conservation Biology*
* *National Expert for the Italian IUCN Committee*
* *Member of the International Biogeography Society*
* *Member of the Italian Society for Climate Sciences*
* *Member of the British Ecological Society*
* *Member of the Ecological Society of America*

# Peer review activities

* Reviewer for the following journals: Acta Oecologica; Animal Conservation; Aquatic Conservation: Marine and Freshwater Ecosystems; Biological Conservation; Biology Letters; Climate Dynamics; Conservation Biology; Diversity and Distribution; Ecography; Ecological Indicators; Ecological Modelling; Ecology Letters; Endangered Species Research; Environmental Conservation; Environmental Management; Folia Zoologica; Frontiers in Ecology and the Environment; Global Change Biology Bioenergy; Global Ecology and Biogeography; ICES Journal of Marine Science; Italian Journal of Zoology; Journal of Applied Ecology; Journal of Biogeography; Journal of Conservation Planning; Journal of Environmental Management; Journal of Environmental Planning and Management; Journal of Herpetology; Journal of Wildlife Management; Journal for Nature Conservation; Mammalia; Methods in Ecology and Evolution; Oikos; Plant Ecology and Diversity; PLoS ONE; Proceedings of the Royal Society of London Series B; Tropical Zoology; Wildlife Research.
* Editorial Board for: Journal of Conservation Planning; Biogeographia: The Journal of Integrative Biogeography.
* Scientific Advisory Board for: Fragmenta Entomologica.
* Reviewer for the French Foundation for Research on Biodiversity (FRB). Call for proposal: “Biodiversity modeling and scenarios”, March 2011.
* Reviewer for ExpeER (Experimentation in Ecosystem Research). Call for proposal for transnational access funding under the ExpeER project, December 2012.

# Software knowledge

* GIS software (Idrisi Andes; Esri family: ArcGIS 9, ArcView 9, ArcView 3.x, Spatial Analyst 9, Geostatistical Analyst, Aml, Avenue, ArcObject, Python)
* Remote sensing software (Erdas Imagine; Idrisi Andes)
* Computer literate (Word, PowerPoint, Excel, Access, FrontPage, Paint Shop Pro, GsView, Visual Basic, etc.)
* Statistics (R, SAS, Geoda)
* Willing (and able) to learn any other useful software/programming tool.

# Expertise with conservation/ecology software

* Direct expertise in distribution/suitability models (mainly for terrestrial vertebrates) built using: GARP, ENFA, MAXENT, DOMAIN, GAM/GLM, DEDUCTIVE MODELS (GAP type), MAHALANOBIS, MADIFA, BIOMOD
* Direct expertise in conservation planning tools: C-Plan, Marxan, CLUZ, Panda, ResNet, Zonation, Coda, Sites, Marxan with Zones
* Other software: Fragstat

# Specific Foreign Countries experience

|  |  |
| --- | --- |
| *Country* | *Date* |
| Great Britain | July – August 1992 |
| USA | January 2000 - December 2000 |
| USA | January 2003 – December 2003 |
| Thailand | November 2004 |
| Vietnam | July 2006 |
| Switzerland | January 2009 – February 2011 |

# Teaching experience:

* Lectures (2006/2009; 8 hours in total) of “Basic statistics in ecology” for undergraduate students in Natural Sciences at the University of Rome “La Sapienza”
* Lectures (2004 – 2008; 40 hours in total) of “GIS in Conservation Biology” for Master students at the University of Rome "La Sapienza"
* Lectures (2010; 24 hours in total) of “Basic statistics in ecology” for Master students at the University of Rome "La Sapienza"
* Invited Lecture (2004) on Geostatistical analysis at the Institute of Marine Research, National Board of Fisheries, Lysekil, Sweden
* Invited lectures (2006) on “GIS applications in Conservation Biology” at the Vietnam Institute of Science, Hanoi, Vietnam
* Teaching Assistant (7-10 September 2009; 32 hours in total) for the 1st EcoChange International Summer School on “Predictive habitat distribution models: tools for building projections of global change impact on biodiversity”. University of Lausanne, Switzerland.
* Teaching Assistant (20-24 September 2010; 40 hours in total) for the 2nd EcoChange International Summer School on “Predictive habitat suitability models for nature conservation, species management, and global change projections on biodiversity”. Swiss Federal Research Institute WSL, Birmensdorf, Switzerland.

# Student supervision:

* 09/2014 – 03/2015. Fabiana Sassù. Bachelor Degree in Natural Sciences, University of Rome “La Sapienza”; dissertation title: Differentiation in the ecological niche for the complex of cryptic species in the genus *Tapinoma* Foerster, 1850 (Hymenoptera Formicidae) (Studio della nicchia ecologica nel complesso di specie criptiche del genere *Tapinoma* Foerster, 1850 (Hymenoptera Formicidae)). Co-supervised with Prof. A. Fanfani, University of Rome “La Sapienza”.
* 10/2014 – 03/2015. Alice Pezzarossa. Bachelor Degree in Biological Sciences, University of Rome “La Sapienza”; dissertation title: Nest site selection and potential distribution of the peregrine falcon in central Italy, Lazio (Il falco Pellegrino nel Lazio: selezione dell’habitat nei siti riproduttivi e distribuzione potenziale). Co-supervised with Prof. Luigi Boitani, University of Rome “La Sapienza”.
* 05/2014 – 03/2015. Luca Chiaverini, Bachelor Degree in Biological Sciences, University of Rome “La Sapienza”; dissertation title: Structural connectivity for the Apennine brown bear (*Ursus arctos marsicanus*) in the central Apennines. (Modello integrato di connettività strutturale per l’orso bruno marsicano, *Ursus arctos marsicanus*, nell’Appennino centrale). Co-supervised with Dr. Paolo Ciucci, University of Rome "La Sapienza".
* 06/2014 – 03/2015. Matteo Falco, Bachelor Degree in Biological Sciences, University of Rome “La Sapienza”; dissertation title: Spatially explicit modeling of rendez-vous sites for wolves in Italy: a multiscale approach. (Selezione dell’habitat presso i siti di allevamento dei cuccioli nel lupo: approccio multiscala nel Parco Nazionale del Pollino). Co-supervised with Dr. Paolo Ciucci, University of Rome "La Sapienza".
* 2012 - ongoing. Alessandro Montemaggiori, PhD Candidate, University of Rome “La Sapienza”; dissertation title: Global change effects on migratory bird species in Europe
* 2012 – 2013. Roberto Gavazzi, Bachelor Degree in Biological Sciences, University of Milano Bicocca; dissertation title: Effects of global changes on amphibians phenology: a meta-analysis (Meta-analisi sugli effetti dei cambiamenti globali sulla fenologia degli anfibi). Co-supervised with Dr. Francesco G. Ficetola, University of Milano Bicocca.

# Participation to congress and workshops:

* “La conoscenza botanica e zoologica in Italia: dagli inventari al monitoraggio”. Ministero dell’Ambiente e della Tutela del Territorio, Servizio Conservazione della Natura, Roma, 14 dicembre 2001.
* Sardinian Deer Conference, Cagliari Province (Sardinia). 15 March 2002.
* 5° National ESRI Users Conference. “e.geography: Tradition and Innovation”. 10-11 April 2002, Rome.
* 4° MondoGIS Conference. “In the Web with Geography Communication”. 22-24 May 2002, Rome.
* REN (National Ecological Network) National Congress. Italian Ministry for the Environment and the Territory; University of Rome “La Sapienza”, Legambiente. 22 May 2002, Rome.
* Workshop: “Reference and coordinate systems in Italy.” MondoGIS (Italy); Italian Geographic Military Institute (Dot. Renzo Maseroli), Hydrographical Institute of the Italian Military Marine (Prof. Luciano Surace). 23 may 2002.
* II Conferenza Nazionale sulle Aree Protette, Torino, 12 October 2002
* V IUCN World Park Congress. September 8 – 17 2003, Durban, South Africa.
* 2003 GAP analysis meeting, Fort Collins, Colorado
* XV International conference on bear research and management. San Diego, 8-13 February 2004.
* 64° Congresso UZI - Varese, 21-25 September 2003
* The 100th American Association of Geographers Annual Meeting 14-19 March 2004 Philadelphia, PA
* "A landscape perspective on Mediterranean vertebrate ecology". Montpellier, 25-26, March 2004
* 7° National ESRI Users Conference. “Intelligenza del territorio”. 21-22 April 2004, Rome.
* Convegno Nazionale Ecoregioni e Reti Ecologiche: la pianificazione incontra la conservazione. 27-28 Maggio 2004. Roma.
* 18th Annual Meeting of the Society for Conservation Biology. July 30th – August 2nd 2004. New York
* XIV Congresso Nazionale Società Italana di Ecologia. Conservazione e Gestione degli Ecosistemi. Siena, 4-6 October 2004.
* III IUCN World Conservation Congress. People and Nature – only one world. Bangkok 17 – 25 November 2004.
* 16th International Conference on Bear Research and Management September 27 - October 1, 2005 Riva del Garda, Italy
* 1st European Congress of Conservation Biology. Eger, Hungary, 23-26 August 2006
* Workshop: Systematic Conservation Planning: concepts and techniques, applications and challenges. 2006. Bob Pressey, University of Queensland.
* The 104th American Association of Geographers Annual Meeting 15-19 April 2008, Boston.
* Niche Evolution Conference. 03-04 July 2009. University of Zurich, Switzerland.
* The 10th International Mammalogical Congress, Mendoza, Argentina. 9-14 August 2009.
* The Arctic Community Modeling Workshop, National Environmental Research Institute, Aarhus University, Roskilde Vandrehjem (Denmark), 13-15 January 2010.
* 24th International Congress for Conservation Biology, Edmonton, Alberta (Canada), 3-7 July 2010.
* IX Italian Mammalogy Congress, Civitella Alfedena (Italy), 7-10 May 2014.

# Posters and Presentations

1. Boitani L., **L. Maiorano** and F. Corsi. 2002. Analisi di idoneità ambientale per il cervo sardo finalizzata a possibili reintroduzioni. Convegno sul Cervo Sardo, Provincia di Cagliari. 15 Marzo 2002, Cagliari (Italy). PRESENTATION
2. Boitani L., A. Falcucci, **L. Maiorano** and A. Montemaggiori. 2003. Fine scale analysis of the efficiency of protected areas in conserving Italian Vertebrates. World Park Congress. 8-17 September 2003, Durban (South Africa). PRESENTATION
3. **Maiorano L.**, A. Falcucci, A. Montemaggiori and L. Boitani. 2003. Il contributo delle aree protette nella conservazione dei vertebrati in Italia. 64° Congresso UZI. 21-25 September 2003, Varese (Italy). PRESENTATION
4. **Maiorano L.**, A. Falcucci, A. Montemaggiori and L. Boitani. 2003. The Italian Vertebrates: irreplaceability analysis. 2003 GAP Analysis Meeting, Fort Collins (USA). POSTER
5. **Maiorano L.**, A. Falcucci, A. Montemaggiori and L. Boitani. 2004. Italian protected areas and their value for the conservation of vertebrates. 100th AAG Annual Meeting. 15-19 March 2004, Philadelphia (USA). POSTER
6. Falcucci A., **L. Maiorano** and L. Boitani. 2004. An inductive habitat suitability model for the Marsican Brown bear (Ursus arctos marsicanus) in central Italy. 100th AAG Annual Meeting. 15-19 March 2004, Philadelphia (USA). PRESENTATION
7. **Maiorano L.**, A. Falcucci, A. Montemaggiori and L. Boitani. 2004. Italian ecological networks and protected areas: their role in the conservation of vertebrates. International Conference "A landscape perspective on Mediterranean vertebrate ecology". 25-26 March 2004, Montpellier (France). INVITED PRESENTATION
8. Boitani L., A. Falcucci and **L. Maiorano**. 2004. Italian protected areas and their efficiency in the conservation of vertebrates: effects of scale and planning unit size. 18th Annual Meeting of the Society for Conservation Biology. July 30th – August 2nd 2004, New York (USA). PRESENTATION
9. **Maiorano L.**, A. Falcucci and L. Boitani. 2004. Historical land use change in Italy: from 1960s to 1990s. XIV Congresso Nazionale Società Italana di Ecologia. Conservazione e Gestione degli Ecosistemi. 4-6 Ottobre 2004, Siena (Italy). PRESENTATION
10. Boitani L., A. Falcucci and **L. Maiorano**. 2004. Species-specific habitat suitability models: improving the outcome of systematic conservation planning. III IUCN World Conservation Congress. People and Nature – only one world. 17-25 November 2004, Bangkok (Thailand). PRESENTATION
11. Falcucci A., **L. Maiorano** and L. Boitani. 2005. The future of the Abruzzo brown bear: a perspective from the past. 16th International Conference on Bear Research and Management. September 27 - October 1 2005, Riva del Garda (Italy). POSTER
12. Ciucci P., **L. Maiorano**, M. Andreani, W. Reggioni and L. Boitani. 2005. Dispersione a lungo raggio di un lupo dall’Appennino settentrionale alle Alpi Marittime: movimenti, comportamento spaziale ed eterogeneità ambientale. V Congresso Nazionale di Teriologia. 10-12 novembre 2005, Arezzo (Italy). POSTER
13. Ciucci, P., L. Boitani and L. Maiorano. 2005. Long-distance wolf dispersal from Italy to France revamps the need for transboundary wolf management plans. Pg. 78, in Frontiers of Wolf Recovery. 1-4 ottobre 2005, Colorado Springs (USA). PRESENTATION
14. Falcucci A., **L.** **Maiorano** and L. Boitani. 2006. Conserving Large Carnivores in European Landscapes: the challenge and opportunity of coexistence. 1st European Congress of Conservation Biology. 23-26 August 2006, Eger (Hungary). PRESENTATION
15. Rondinini C., L. Boitani, **L.** **Maiorano** and A. Falcucci. 2006. Planning for conservation in conflicting areas. 1st European Congress of Conservation Biology. 23-26 August 2006, Eger (Hungary). PRESENTATION
16. **Maiorano L.**, A. Falcucci and L. Boitani. 2006. The efficacy of the Natura2000 network as a conservation tool in Italy. 1st European Congress of Conservation Biology. 23-26 August 2006, Eger (Hungary). PRESENTATION
17. Wilson K., L. Boitani, F. Chiozza, G. Catullo, I. Dutton, A. Falcucci, H. Grantham, E. Meijaard, **L.** **Maiorano**, H. Possingham, C. Rondinini, V. Salvatori, W. Turner and M. Watts. 2007. Conserving south east Asian mammals: what to do where? 21st Annual Meeting of the Society for Conservation Biology. 1-5 July 2007, Port Elisabeth (South Africa). PRESENTATION
18. Rondinini C., L. Boitani, G. Catullo, F. Chiozza, A. Falcucci, H. Grantham, **L.** **Maiorano**, H. Possingham, R.L. Pressey, V. Salvatori, W. Turner and K. Wilson. 2007. A systematic plan for the conservation of southeast Asian mammals. 21st Annual Meeting of the Society for Conservation Biology. 1-5 July 2007, Port Elisabeth (South Africa). PRESENTATION
19. Jona Lasinio G., F. Colloca, **L.** **Maiorano**, V. Bartolino, A. Abella, A. Mannini, P. Sartor, P. Belcari, G. Relini and G. Ardizzone. 2007. A geostatistical approach for the identification of MPAs for fishery management in the central Mediterranean Sea. European Symposium on MPAs as a tool for fisheries management and ecosystem conservation. 25-28 September 2007, Murcia (Spain). PRESENTATION
20. **Maiorano L.**, V. Bartolino, F. Colloca, G. Jona Lasinio, A. Criscoli, P. Carpentieri, A. Abella, A. Mannini, C. Viva, B. Reale, G. Relini and G. Ardizzone. 2007. An approach for the identification of no-take areas in the Mediterranean based on trawl surveys data and simulated annealing. European Symposium on MPAs as a tool for fisheries management and ecosystem conservation. 25-28 September 2007, Murcia (Spain). PRESENTATION
21. Falcucci A., **L. Maiorano**, P. Ciucci and L. Boitani. 2008. Integration of approaches to model the geographic range of an expanding species: the case of the Italian wolf. Species Distribution Modeling Interactive Section. The 104th American Association of Geographers Annual Meeting. 15-19 April 2008, Boston (USA). PRESENTATION
22. Rondinini C., L. Boitani, G. Catullo, R. Alkemade, M. Bakkenes, F. Chiozza, A. Falcucci, **L. Maiorano** and M. Masi. 2008. What future for mammals in south east Asia? IUCN World Conservation Congress, Barcellona 5-14 October 2008. PRESENTATION
23. Cardinale M., V. Bartolino, M. Lopez and **L. Maiorano**. 2009. Historical distribution (1901-2007) of plaice in the Kattegat-Skagerrak and implications for stock management and conservation. Ocean’s Past II International Conference. Multidisciplinary Perspectives on the History and Future of Marine Animal Populations. 26-28 May 2009, Vancouver (Canada). PRESENTATION
24. Pearman P.B., **L. Maiorano**, R. Cheddadi, L. Hajar, M. Edwards, A. Guisan, J. Singarayer and N.E. Zimmermann. 2009. Niche dynamics of some European trees during the Holocene. Niche Evolution Conference. 03-04 July 2009. University of Zurich, Switzerland. PRESENTATION
25. **Maiorano L.**, A. Falcucci, R. Alkemade, M. Bakkenes and L. Boitani. 2009. Scenarios for the future of mammals in South East Asia. The 10th International Mammalogical Congress, Mendoza, Argentina. 9-14 August 2009. PRESENTATION
26. Cianfrani C., G. Le Lay, A. Loy, **L. Maiorano**, H.H. Krüger, A. Krekemeyer and A. Guisan. 2009. Modelling habitat-suitability of the Eurasian otter (*Lutra lutra*) to assess its potential recovery in Europe. International Mammalogical Congress. Mendoza, Argentina, August 9-15 2009. POSTER
27. Ficetola G.F., **L. Maiorano**, A. Falcucci, N. Dendoncker, L. Boitani, E. Padoa-Schioppa, C. Miaud and W. Thuiller. 2009. Knowing the past to predict the future: land-use change and the spread of invasive bullfrogs. 2nd European Congress of Conservation Biology, Prague, September 1-5, 2009. PRESENTATION
28. Cianfrani C., G. Le Lay, A. Loy, **L. Maiorano**, H.H. Krüger, A. Krekemeyer and A. Guisan. 2009. Can the Eurasian otter have a sustainable recovering in the European landscape? 2nd Congress of Conservation Biology. Prague, Czech Republic, September 1-5 2009. POSTER
29. **Maiorano L.** 2010. Spatial distribution models, global change and conservation implications. The Arctic Community Modeling Workshop, National Environmental Research Institute, Aarhus University, Roskilde Vandrehjem (Denmark), 13-15 January 2010. INVITED PRESENTATION.
30. Boitani L., C. Rondinini, A. Falcucci, **L. Maiorano**, D. Baisero, P. Visconti and B. Pressey. 2010. What the available data on the world’s mammals are (not) good for. 24th International Congress for Conservation Biology, Edmonton, Alberta (Canada), 3-7 July 2010. PRESENTATION
31. **Maiorano L.**, A. Falcucci, A. Guisan, N. Zimmermann, A. Psomas, C. Rondinini and L. Boitani. 2010. Future battlegrounds for the conservation of terrestrial mammals in the Mediterranean basin. 24th International Congress for Conservation Biology, Edmonton, Alberta (Canada), 3-7 July 2010. PRESENTATION
32. Pellissier L., M. Anzini, **L. Maiorano**, A. Dubuis, J. Pottier, P. Vittoz and A. Guisan. 2010. Statistical distribution models predict future land use change and biodiversity threat from past transitions. Global Change and the World’s Mountain international conference, Perth, Scotland, 26-30 September 2010. POSTER
33. Guisan A., J. Pottier, L. Pellissier, A. Dubuis, C. Randin, R. Engler, M. Anzini, **L. Maiorano** and P. Vittoz. 2010. Global change impact on mountain plant diversity: modelling insights from the Swiss Alps. ESA Symposium, Special Session on "Global Change and Alpine Ecosystems: the Experience so far and Looking Ahead". Pittsburgh, 1-6 August 2010. INVITED PRESENTATION.
34. Guisan A., J. Pottier, A. Dubuis, L. Pellissier, **L. Maiorano**, P. Vittoz and C. Randin. 2010. Can we predict communities from the individual response of species to climate? Global Change and the World’s Mountains, Perth, Scotland, UK, 26-30 September 2010. PRESENTATION
35. Pellissier L., M. Anzini, **L. Maiorano**, J. Pottier and A. Dubuis. 2010 Statistical distribution models predict future land use change and biodiversity threat from past transitions, “Global Change and the World's Mountains”, Perth, Scotland, September 26-30. POSTER
36. Guisan A., C. Randin, R. Engler, P. Vittoz, L. Pellissier, A. Dubuis, J. Pottier, **L. Maiorano** and P. Pearman. 2010. Predicting current and future plant distribution and diversity in a mountain environment. Seminars on Ecology and Evolution of the Institute of Biodiversity and Ecosystem Dynamics (IBED); University of Amsterdam. INVITED PRESENTATION.
37. Pottier J., A. Dubuis, L. Pellissier, **L. Maiorano**, P. Vittoz, C. Randin and A. Guisan. 2010. Can we predict plant assemblages from species responses to topoclimatic factors? International GMBA-DIVERSITAS conference "Functional significance of mountain biodiversity". Chandolin, Switzerland, Jully 27-30, 2010. PRESENTATION
38. Cianfrani C., G. Le Lay, A Loy, **L. Maiorano** and A. Guisan. 2010. Adapting conservation to climate change: the case of the otter in Europe. Biology 10, Neuchatel, Switzerland, 11-12 February 2010. POSTER.
39. Pellissier L., **L. Maiorano** and A. Guisan. 2010. How to account for biotic interactions in species distribution modelling? C-BIO NET Workshop, Roskilde, Denmark, 28 September 2010. INVITED PRESENTATION.
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2. Zupan L., M. Cabeza, S. Lavorel, J. Maes, E. Crouzat, B.N. Egoh, **L. Maiorano**, M. Mouchet, M.L. Paracchini, J. Renaud, C. Roquet, G. Zulian, W. Thuiller. The challenge of joint conservation planning for biodiversity’s multiple facets and ecosystem service supply. Submitted to Nature Communications.
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12. Santulli Sanzo G., **L. Maiorano** and A. Guisan. Modeling habitat suitability using a hierarchical multi scale approach for an endangered species going through range expansion. In preparation.
13. Hurdu B.I. et al. Patterns of endemism in the South-Eastern Carpathians. Can paleodistribution models offer more insights? In preparation.