

Curriculum Vitae of Federica Chiozza, MSc

Family name **Chiozza**
First name **Federica**

EDUCATION

2005 - 2006 Sapienza University of Rome
MSc. in “Conservation of Animal Biodiversity: Protected Areas and Ecological Networks”
Thesis: “The Cost of Conservation in Uganda”
Level achieved: 110 /110 cum laude

1997 - 2003 Sapienza University of Rome
Honours in Natural Sciences
Thesis: “Usò dei modelli di idoneità ambientale per la Gap Analysis delle aree protette africane”
Level achieved: 110 /110 cum laude

OTHER CERTIFICATES

2006 Istituto Nazionale per la Fauna Selvatica (INFS)
Certificate in “Conservation Biology and wildlife population management”

LANGUAGE SKILLS

Mother tongue: Italian

	Reading	Speaking	Writing
English	5	5	5
Spanish	4	3	3
French	4	3	3

(1 to 5 for competence)

OTHER SKILLS

- Good team worker, especially in a multicultural environment
- Good aptitude in work organization
- Proficient with most Microsoft computer software (Microsoft Office)
- Expert of data management software (Microsoft Access and Excel)
- Expert of Geographical Information Systems (GIS). ESRI: ArcInfo Workstation, ArcGIS, ArcView GIS 3.x. Proficient in programming with ARC Macro Language (AML)
- Good knowledge of software for preparation of graphic materials (Adobe Photoshop)

PROFESSIONAL EXPERIENCE

Period **May 2013 – May 2014**
Organization Department of Biology and Biotechnologies
Sapienza University of Rome
Position Research fellow
Description Project title: “Rischio di estinzione nei mammiferi”.

Period	February 2011 – February 2013
Organization	Department of Biology and Biotechnologies Sapienza University of Rome
Position	Research fellow
Description	Project title: “Pianificazione dei siti della Rete Natura 2000 gestiti dal Corpo Forestale della Stato e monitoraggio faunistico sperimentale degli stessi ai fini della Direttiva Habitat 92/43/CEE: attività di raccolta, elaborazione e analisi dei dati su vertebrati, e collaborazione alla redazione del GIS per i siti del Nord Italia”.
Period	January 2010 – December 2010
Organization	Department of Biology and Biotechnologies Sapienza University of Rome
Position	Research fellow
Description	Project title: “Identification of priorities for global mammal conservation”.
Period	July 2009 – September 2009
Organization	Department of Biology and Biotechnologies Sapienza University of Rome
Position	Research assistant
Description	Collaborator within “Atlante Regionale dei Mammiferi del Lazio” project, funded by Agenzia Regionale dei Parchi del Lazio. Preparation of digital cartography and mammal distribution data for developing habitat suitability models.
Period	January 2009 – March 2009
Organization	Department of Biology and Biotechnologies Sapienza University of Rome
Position	Research assistant
Description	Collaborator for “A review of methodologies that could be used to formulate ecologically meaningful objectives for marine habitat coverage within the UK MPA network” project, funded by Joint Nature Conservation Committee (JNCC). Preparation of an electronic database of all relevant literature; selection of short case studies on the application of each methodology and the outcome; compilation of the literature review section of the final report
Period	November 2008 – June 2009
Organization	Department of Biology and Biotechnologies Sapienza University of Rome
Position	Research assistant
Description	Preparation of digital cartography for developing habitat suitability models for worlds' mammals, and performing spatial analysis for assessing the conservation status of the worlds' mammals.
Period	October 2007 – October 2008
Position	Core Team Member
Description	Management of information systems and data analysis for the Global Mammal Assessment. The Global Mammal Assessment is a collaborative initiative between IUCN/SSC and the Center for Applied Biodiversity

Science at Conservation International. The project is part of the IUCN Red List and represents a comprehensive assessment of the conservation status of the world's 5,488 mammal species.

Main activities and responsibilities include: process and finalize assessments for inclusion in the IUCN Red List; manipulation of data using database and Geographic Information System software; preparation of species reports; liaise closely with Specialist Groups, Red List Authorities and other experts as required.

Period **May 2007 – August 2007**
Organization Department of Biology and Biotechnologies
Sapienza University of Rome
Position Research assistant
Description Systematic conservation planning analysis based on habitat suitability models of African vertebrates.

Period **November 2006 – February 2007**
Organization Department of Biology and Biotechnologies
Sapienza University of Rome
Position Research assistant
Description Data management, collation and digitisation of distribution data for African vertebrates.

Period **March 2008 – December 2009**
Organization Food and Agriculture Organization of the United Nations (FAO)
Agriculture Department
Livestock Information, Sector Analysis and Policy Branch (AGAL)
Rome – Italy
Position Consultant
Description Supervise data entry and bug-checking of the Global Livestock Information System (GLIS) and related Global Livestock Production and Health Atlas (GLiPHA); contribute to AGAL's work on global livestock production system mapping, in particular describing the modelled combinations of crops and livestock in the various production systems and proposing classifications based on these (initially in selected pilot countries); collate and review the available literature on agricultural and especially livestock production systems classification and mapping; contribute to an AGAL publication (in collaboration with International Livestock Resource Institute - ILRI) on global livestock production system mapping.

Period **January 2004 – July 2007**
Organization Food and Agriculture Organization of the United Nations (FAO)
Agriculture Department
Livestock Information, Sector Analysis and Policy Branch (AGAL)
Rome – Italy
Position Consultant

Description Data management for FAO's global livestock information system, including preparation of global sub-national boundary maps; collation and digitisation of national livestock statistics; integration of statistics with boundary maps; management of data within a bespoke Oracle database; manipulation of data using database and geographic information system software; quality control of products against FAO and other information sources; and uploading of products for dissemination via the Internet. Specific outputs from the system include: preparation of data for livestock distribution modelling; preparation of livestock sector briefs for particular countries and preparation of datasets for distribution through FAO's Global Livestock Production and Health Atlas (GLiPHA: <http://www.fao.org/ag/aga/glipha/index.jsp>), and through GeoNetwork, FAO's portal for spatial data. Additional tasks include the preparation of map layouts and data analysis for specific AGAL Working Papers.

PUBLICATIONS

Peer Reviewed Publications

2012

Amori, G., **Chiozza, F.**, Patterson, B.D., Rondinini, C., Schipper, J. & Luiselli, L. (2012). *Species richness and distribution of Neotropical rodents, with conservation implications*. *Mammalia*, 77, 1-19.

Amori, G., Masciola, S., Saarto, J., Gippoliti, S., Rondinini, C., **Chiozza, F.** & Luiselli, L. (2012). *Spatial turnover and knowledge gap of African small mammals: using country checklists as a conservation tool*. *Biodiversity and Conservation*, 21, 1755–1793.

2011

Amori, G., **Chiozza, F.**, Rondinini, C. & Luiselli, L. (2011). *Country-based patterns of total species richness, endemism, and threatened species richness in African rodents and insectivores*. *Biodiversity and Conservation*, 20, 1225-1237.

Amori, G., **Chiozza, F.**, Rondinini, C. & Luiselli, L. (2011). *Worldwide conservation hotspots for Soricomorpha focusing on endemic island taxa: an analysis at two taxonomic levels*. *Endangered Species Research*, 15, 143-149, doi: 10.3354/esr00377.

Rondinini, C., Di Marco, M., **Chiozza, F.**, Santulli, G., Baisero, D., Visconti, P., Hoffmann, M., Schipper, J., Stuart, S., Tognelli, M., Amori, G., Falcucci, A., Maiorano, L. & Boitani, L. (2011). *Global habitat suitability models of terrestrial mammals*. *Philosophical Transactions of the Royal Society Series B*, 366(1578), 2633-2641.

Visconti, P., Pressey, R.L., Rondinini, C., Giorgini, D., Maiorano, L., Bakkenes, M., Alkemade, R., Falcucci, A., **Chiozza, F.** & Boitani, L. (2011). *Future hotspots of terrestrial mammal loss*. *Philosophical Transactions of the Royal Society Series B*, 366(1578), 2693-2702.

Wilson, K.A., Evans, M.C., Di Marco, M., Green, D.C., Boitani, L., Possingham, H.P., **Chiozza, F.** & Rondinini, C. (2011). *Prioritising conservation investments for mammal species globally*. *Philosophical Transactions of the Royal Society Series B*, 366(1578), 2670-2680, doi:10.1098/rstb.2011.0108.

2010

Chiozza, F., Boitani, L. & Rondinini, C. (2010). *The opportunity cost of conserving amphibians*

and mammals in Uganda. *Brazilian Journal for Nature Conservation*, 8, 177-183.

Hoffmann, M., Hilton-Taylor, C., Angulo, A., Bohm, M., Brooks, T., Butchart, S., Carpenter, K., Chanson, J., Collen, B., Cox, N., Darwall, W., Dulvy, N., Harrison, L., Katariya, V., Pollock, C., Quader, S., Richman, N., Rodrigues, A., Tognelli, M., Vie, J., Aguiar, J., Allen, D., Allen, G., Amori, G., Ananjeva, N., Andreone, F., Andrew, P., Ortiz, A., Baillie, J., Baldi, R., Bell, B., Biju, S., Bird, J., Black-Decima, P., Blanc, J., Bolanos, F., Bolivar, W., Burfield, I., Burton, J., Capper, D., Castro, F., Catullo, G., Cavanagh, R., Channing, A., Chao, N., Chenery, A., Chiozza, F., Clausnitzer, V., Collar, N., Collett, L., Collette, B., Fernandez, C., Craig, M., Crosby, M., Cumberlidge, N., Cuttelod, A., Derocher, A., Diesmos, A., Donaldson, J., Duckworth, J., Dutson, G., Dutta, S., Emslie, R., Farjon, A., Fowler, S., Freyhof, J., Garshelis, D., Gerlach, J., Gower, D., Grant, T., Hammerson, G., Harris, R., Heaney, L., Hedges, S., Hero, J., Hughes, B., Hussain, S., Icochea, J., Inger, R., Ishii, N., Iskandar, D., Jenkins, R., Kaneko, Y., Kottelat, M., Kovacs, K., Kuzmin, S., La Marca, E., Lamoreux, J., Lau, M., Lavilla, E., Leus, K., Lewison, R., Lichtenstein, G., Livingstone, S., Lukoschek, V., Mallon, D., McGowan, P., McIvor, A., Moehlman, P., Molur, S., Alonso, A., Musick, J., Nowell, K., Nussbaum, R., Olech, W., Orlov, N., Papenfuss, T., Parra-Olea, G., Perrin, W., Polidoro, B., Pourkazemi, M., Racey, P., Ragle, J., Ram, M., Rathbun, G., Reynolds, R., Rhodin, A., Richards, S., Rodriguez, L., Ron, S., Rondinini, C., Rylands, A., de Mitcheson, Y., Sanciangco, J., Sanders, K., Santos-Barrera, G., Schipper, J., Self-Sullivan, C., Shi, Y., Shoemaker, A., Short, F., Sillero-Zubiri, C., Silvano, D., Smith, K., Smith, A., Snoeks, J., Stattersfield, A., Symes, A., Taber, A., Talukdar, B., Temple, H., Timmins, R., Tobias, J., Tsytsulina, K., Tweddle, D., Ubeda, C., Valenti, S., van Dijk, P., Veiga, L., Veloso, A., Wege, D., Wilkinson, M., Williamson, E., Xie, F., Young, B., Akcakaya, H., Bennun, L., Blackburn, T., Boitani, L., Dublin, H., da Fonseca, G., Gascon, C., Lacher, T., Mace, G., Mainka, S., McNeely, J., Mittermeier, R., Reid, G., Rodriguez, J., Rosenberg, A., Samways, M., Smart, J., Stein, B. & Stuart, S. (2010). *The Impact of Conservation on the Status of the World's Vertebrates*. *Science*, 330, 1503-1509.

Rondinini, C. & **Chiozza, F.** (2010). *Quantitative methods for defining percentage area targets for habitat types in conservation planning*. *Biological Conservation*, 143, 1646-1653.

2008

Schipper, J., Chanson, J.S., **Chiozza, F.**, Cox, N.A., Hoffmann, M., Katariya, V., Lamoreux, J., Rodrigues, A.S., Stuart, S.N., Temple, H.J., Baillie, J., Boitani, L., Lacher, T.E., Mittermeier, R.A., Smith, A.T., Absolon, D., Aguiar, J.M., Amori, G., Bakkour, N., Baldi, R., Berridge, R.J., Bielby, J., Black, P.A., Blanc, J.J., Brooks, T.M., Burton, J.A., Butynski, T.M., Catullo, G., Chapman, R., Cokeliss, Z., Collen, B., Conroy, J., Cooke, J.G., da Fonseca, G.A.B., Derocher, A.E., Dublin, H.T., Duckworth, J.W., Emmons, L., Emslie, R.H., Festa-Bianchet, M., Foster, M., Foster, S., Garshelis, D.L., Gates, C., Gimenez-Dixon, M., Gonzalez, S., Gonzalez-Maya, J.F., Good, T.C., Hammerson, G., Hammond, P.S., Happold, D., Happold, M., Hare, J., Harris, R.B., Hawkins, C.E., Haywood, M., Heaney, L.R., Hedges, S., Helgen, K.M., Hilton-Taylor, C., Hussain, S.A., Ishii, N., Jefferson, T.A., Jenkins, R.K.B., Johnston, C.H., Keith, M., Kingdon, J., Knox, D.H., Kovacs, K.M., Langhammer, P., Leus, K., Lewison, R., Lichtenstein, G., Lowry, L.F., Macavoy, Z., Mace, G.M., Mallon, D.P., Masi, M., McKnight, M.W., Medellin, R.A., Medici, P., Mills, G., Moehlman, P.D., Molur, S., Mora, A., Nowell, K., Oates, J.F., Olech, W., Oliver, W.R.L., Oprea, M., Patterson, B.D., Perrin, W.F., Polidoro, B.A., Pollock, C., Powel, A., Protas, Y., Racey, P., Ragle, J., Ramani, P., Rathbun, G., Reeves, R.R., Reilly, S.B., Reynolds, J.E., Rondinini, C., Rosell-Ambal, R.G., Rulli, M., Rylands, A.B., Savini, S., Schank, C.J., Sechrest, W., Self-Sullivan, C., Shoemaker, A., Sillero-Zubiri, C., De Silva, N., Smith, D.E., Srinivasulu, C., Stephenson, P.J., van Strien, N., Talukdar, B.K., Taylor, B.L., Timmins, R., Tirira, D.G., Tognelli, M.F., Tsytsulina, K., Veiga, L.M., Vie, J.C., Williamson, E.A., Wyatt, S.A., Xie, Y. & Young, B.E. (2008). *The status of the world's land and marine mammals: diversity, threat, and knowledge*. *Science*, 322, 225-230.

2006

Rondinini, C., **Chiozza, F.**, and Boitani, L. *High human density in the irreplaceable sites for African vertebrates conservation*. *Biological Conservation* 133 (3), 358-363.

Technical Publications and Reports

2012-2013

In press. *Piani di gestione per le Riserve Naturali Statali gestite dal Corpo Forestale dello Stato*.

2011

Robinson, T.P., Thornton P.K., Franceschini, G., Kruska, R.L., **Chiozza, F.**, Notenbaert, A., Cecchi, G., Herrero, M., Epprecht, M., Fritz, S., You, L., Conchedda, G. & See, L. (2011). *Global livestock production systems*. Rome, Food and Agriculture Organization of the United Nations (FAO) and International Livestock Research Institute (ILRI), 152 pp.

2010

Ministry of Agriculture, Animal Industry and Fisheries, Uganda; Uganda Bureau of Statistics; Food and Agriculture Organization of the United Nations; International Livestock Research Institute; and World Resources Institute, 2010. *Mapping a Better Future: Spatial Analysis and Pro-Poor Livestock Strategies in Uganda*. Washington, DC and Kampala: World Resources Institute.

2006

Rondinini, C., **Chiozza, F.** & Boitani, L. (2006). *Aree prioritarie per la conservazione dei vertebrati africani*. *Natura – Soc. it. Sci. nat. Museo civ. Stor. nat. Milano*, 95, 45-56.

PARTICIPATION IN CONGRESSES, WORKSHOPS AND SHORT COURSES

2013

IUCN Red List Trainer Workshop. 24-26 June 2013, Cambridge UK

2012

Chiozza, F. *The IUCN Red List*. IUCN/SSC Lemur Red-Listing and Conservation Planning Workshop, 9-14 July 2012, Antananarivo. Oral presentation.

Rondinini, C., **Chiozza, F.**, and Boitani, L. *Reassessment of the world's mammals*. IUCN SSC Chairs' Meeting 2012, 23-27 February 2012, Abu Dhabi. Oral presentation.

2010

Chiozza, F., Boitani, L., Santulli, G., Baisero, D., Visconti, P., Di Marco, M., and Rondinini, C. *Global Habitat Suitability Models for Mammal Conservation*. 24th International Congress for Conservation Biology, 3-7 July 2010, Edmonton. Oral presentation.

Rondinini, C., **Chiozza, F.**, Di Marco, M., Visconti, P., Baisero, D., and Boitani, L. *The global distribution of mammals*. 24th International Congress for Conservation Biology, 3-7 July 2010, Edmonton. Oral presentation.

Visconti, P., Rondinini, C., Pressey, R., Maiorano, L., Bakkenes, M., Alkemade, R., **Chiozza, F.**, and Boitani, L. *Global scenarios of terrestrial mammal diversity for 2050*. 24th International Congress for Conservation Biology, 3-7 July 2010, Edmonton. Oral presentation.

Amori, G., **Chiozza, F.**, Patterson, B., Rondinini, C., Schipper, J., Mortelliti, A., and Luiselli, L. *Macroecology And Distribution Of Neotropical Rodents: Conservation Implications*. 24th International Congress for Conservation Biology, 3-7 July 2010, Edmonton. Oral presentation.

2009

Rondinini, C., **Chiozza, F.**, Santulli, G., and Boitani, L. *Irreplaceable sites for the conservation of the world's mammals*. 2nd European Congress of Conservation Biology, 1–5 September 2009, Prague. Oral presentation.

Chiozza, F., Boitani, L., Santulli, G., Baisero, D., and Rondinini, C. *Where? A habitat suitability assessment for the world's mammals*. Xth International Congress Of Mammalogy, 9–14 August 2009, Mendoza (Argentina). Oral presentation.

Amori, G., **Chiozza, F.**, Schipper, J., and Luiselli, L. *Macroecological determinants of the distribution of neotropical rodents: conservation implications*. Xth International Congress Of Mammalogy, 9–14 August 2009, Mendoza (Argentina). Oral presentation

Rondinini, C., **Chiozza, F.**, Santulli, G., and Boitani, L. *Irreplaceable sites for the conservation of the world's mammals*. Xth International Congress Of Mammalogy, 9–14 August 2009, Mendoza (Argentina). Oral presentation.

2008

Rondinini, C., Boitani, L., Catullo, G., Alkemade, R., Bakkenes, M., **Chiozza, F.**, Falcucci, A., Maiorano, L., and Masi, M. *What future for mammals in Southeast Asia?* The IUCN World Conservation Congress, 5-14 October 2008, Barcelona. Oral presentation.

Schipper, J., Chanson, J., **Chiozza, F.**, Cox, N., Hoffmann, M., Katariya, V., Lamoreux, J., Rodrigues, A., Stuart, S., and Temple, H. *The Status of the World's Mammals: a comprehensive assessment of species ecology, threats and conservation measures*. The IUCN World Conservation Congress, 5-14 October 2008, Barcelona. Oral presentation.

2007

Chiozza, F., Rondinini, C., and Boitani, L. *The opportunity cost of conserving amphibians and mammals in Uganda*. Society for Conservation Biology 21st Annual Meeting, 1-5 July 2007, Port Elizabeth (South Africa). Poster.

Rondinini, C., Boitani, L., Catullo, G., **Chiozza, F.**, Falcucci, A., Grantham, H., Maiorano, L., Possingham, H., Pressey, B., Salvatori, V., Turner, W., and Wilson, K., 2007. *A Systematic Plan for the conservation of southeast Asian mammals*. Society for Conservation Biology 21st Annual Meeting, 1-5 July 2007, Port Elizabeth (South Africa). Oral presentation.

Wilson, K., Boitani, L., **Chiozza, F.**, Catullo, G., Dutton, I., Falcucci, A., Grantham, H., Meijaard, E., Maiorano, L., Possingham, H., Rondinini, C., Salvatori, V., Turner, W., and Watts, M. *Conserving south east Asian mammals: what to do where?* Society for Conservation Biology 21st Annual Meeting, 1-5 July 2007, Port Elizabeth (South Africa). Oral presentation.

OTHERS

- Assessor for 38 species of mammals included in the IUCN Red List of Threatened Species (IUCN 2013)
- Member from 2007 of the Society for Conservation Biology

Si autorizza al trattamento dei dati personali ai sensi del D.Lgs. 196/2003 (art. 13)