

CURRICULUM VITAE OF GIANLUCA SERRA

Nationality: Italian

Education: **Ph.D.**, Behavioural Ecology, University of Florence **1997**
M.Sc., Animal Ecology, University of Florence **1993**
B.Sc. (Hons), Biological Sciences, University of Florence **1991**

Ph: +39 349 6102032

Email: ibiseremita@gmail.com

Web site: gianlucaserra.com

Career History (1994-present):

<i>Date</i>	March-April 2022
<i>Location</i>	Mongolia
<i>Institution</i>	<i>Florence and Lausanne University, Mongolian Academy of Sciences</i>
<i>Position</i>	Field wildlife surveyor
<i>Job Description</i>	Camera trapping survey of globally threatened snow leopard population within the Altai mountain range, south-west Mongolia
<i>Date</i>	April 2021-January 2022
<i>Location</i>	Home-based /Iraq
<i>Institution</i>	<i>UNEP</i>
<i>Position</i>	Team leader to develop a full size GEF UNEP project in Iraq
<i>Job Description</i>	Leading an international UNEP team to develop a full size 4-year GEF project in Iraq (4.5 million USD budget) aimed at biodiversity conservation, protected area establishment and management, sustainable land management and land degradation neutrality
<i>Date</i>	October 2020-January 2021
<i>Location</i>	Florence, Italy
<i>Institution</i>	<i>Liceo Classico Michelangiolo (High School, Humanities)</i>
<i>Position</i>	Science Teacher
<i>Job Description</i>	I taught 8 classrooms science curriculum for 3 months
<i>Date</i>	November 2020-October 2021
<i>Location</i>	Vallombrosa Natural Reserve, Italy
<i>Institution</i>	University of Florence and Italian Forestry Service
<i>Position</i>	University master thesis tutor

<i>Job Description</i>	Tutored and assisted 2 students, both in the field and in the data analysis, on a research on the ecology and behavior of the Wild Cat (<i>Felis silvestris</i>). They both earned the degree with full marks.
<i>Date</i>	October 2020
<i>Location</i>	Home-based /Latvia
<i>Institution</i>	<i>Latvia Council of Science</i>
<i>Position</i>	Evaluator of academic research proposals
<i>Job Description</i>	Evaluating academic research proposals focused on ecosystem ecology, with budget ranging 100,000-200,000 Euro over 3 years
<i>Date</i>	March-December 2020
<i>Location</i>	Home based /Cape Verde
<i>Institution</i>	<i>GEF UNDP and Ministry of Environment/Fisheries</i>
<i>Position</i>	Protected area institutional consultant
<i>Job Description</i>	Led a participatory process aimed at restructuring and improving institutional set and governance, centrally and locally, charged with the management of the protected area system nationally
<i>Date</i>	August 2019-January 2020
<i>Location</i>	Samoa and remotely
<i>Institution</i>	<i>Ministry of Natural Resources and Environment (MNRE) of Samoa and Samoa Conservation Society (SCS)</i>
<i>Position</i>	Endangered biodiversity consultant
<i>Job Description</i>	Led an expert international workshop and national stakeholders consultations with the aim to develop a recovery plan 2020-2029 for the critically endangered Tooth-billed Pigeon (Manumea), (<i>Didunculus strigirostris</i>), endemic and national bird of Samoa
<i>Date</i>	July 2018- October 2019
<i>Location</i>	Grenada (Caribbean)
<i>Institution</i>	<i>GEF UNDP (R2R project) and Grenada's Fisheries</i>
<i>Position</i>	Protected area consultant
<i>Job Description</i>	Scuba field surveys aimed at reconnaissance and to propose boundaries. Led community and stakeholders consultations with the aim to discuss and prepare three management plans for three new marine protected areas
<i>Date</i>	June 2018-February 2019
<i>Location</i>	Samoa

<i>Institution</i>	<i>GEF-UNDP and MNRE</i>
<i>Position</i>	Protected area consultant
<i>Job Description</i>	Led community consultations with the aim to discuss and prepare a rainforest management plan for the key biodiversity area of Falealupo
<i>Date</i>	July 2017 – December 2017
<i>Location</i>	Samoa
<i>Institution</i>	<i>GEF-UNDP and MNRE</i>
<i>Position</i>	Protected area consultant
<i>Job Description</i>	Led forest surveys and community consultations with the aim to discuss and prepare management plans for the key biodiversity areas of Uafato and Tiavea rainforests
<i>Date</i>	September 2016-2017
<i>Location</i>	Samoa
<i>Institution</i>	<i>Ministry of Natural Resources and Environment, Dept. of Environment and Conservation</i>
<i>Position</i>	Endangered biodiversity expert
<i>Job Description</i>	Led (pro-bono) review of implementation of Manumea Recovery Plan 2006-2016
<i>Date</i>	February 2017-July 2020
<i>Location</i>	Samoa
<i>Institution</i>	<i>Samoa Conservation Society</i>
<i>Position</i>	Endangered biodiversity expert
<i>Job Description</i>	Contribute to implementation of a key objective of Manumea Recovery Plan (2017-2027): the identification of the Manumea call in the field with the aim to establish a standard national monitoring program
<i>Date</i>	September 2016-March 2020
<i>Location</i>	Samoa
<i>Institution</i>	<i>Samoa Conservation Society</i>
<i>Position</i>	Protected areas expert

<i>Job Description</i>	Assisting (pro-bono) SCS and the Ministry of Natural Resources and Environment to establish a Manumea conservation area in Malololelei forest and in the development of a concept for a project proposal related to it
<i>Date</i>	October 2015 – July 2016
<i>Location</i>	Samoa
<i>Institution</i>	<i>GEF-UNDP and MNRE</i>
<i>Position</i>	Biodiversity consultant
<i>Job Description</i>	Biodiversity surveys of 4 Key Biodiversity Areas of Samoa, including Uafato-Tiavea Coastal Forest, with focus on rare species, using traditional ecological knowledge in assistance of the Ministry of Natural Resources and Environment
<i>Date</i>	July 2015 – Feb 2016
<i>Location</i>	Samoa, Aleipata islands
<i>Institution</i>	<i>SPREP, GEF-UNEP and MNRE</i>
<i>Position</i>	Biodiversity consultant
<i>Job Description</i>	Invasive Alien Species surveying and management in pristine rain forests of Aleipata's Marine Protected Area in assistance of the Ministry of Natural Resources and Environment
<i>Date</i>	March 2012 – July 2015
<i>Location</i>	Western Pacific (12 SIDS), Samoa-based
<i>Institution</i>	<i>SPREP and UNEP</i>
<i>Position</i>	GEF regional project facilitator
<i>Job Description</i>	Coordinate, implement and manage two GEF regional projects in 12 different South Pacific island countries and territories: the goal of the two projects were the management of invasive alien species (IAS) and biodiversity conservation and protected areas management. In particular, assisted the island countries to implement a 4-year workplan involving objectives such as awareness raising, prepare strategies and action plans about IAS management, capacity building, data management, policy development and strengthening, establishing a national biodiversity monitoring plan targeting the key existing protected areas etc.
<i>Date</i>	April 2011

<i>Location</i>	National Park of the Udzungwas, Tanzania
<i>Institution</i>	<i>Trento Museum of Natural Sciences</i>
<i>Position</i>	Ornithological and conservation surveyor
<i>Job Description</i>	Participated in a 9-day biodiversity conservation survey (Biorap) within the montane forests of the National Park of the Udzungwas; bird surveying
Date	April-May 2010
<i>Location</i>	Syria
<i>Institution</i>	<i>Italian Ministry of Foreign Affairs and Italian Development Cooperation (DGCS)</i>
<i>Position</i>	Biodiversity conservation expert and institutional facilitator
<i>Job Description</i>	Facilitated and advised the negotiation between Syrian and Italian Govt. in relation to start a new full-size project in Palmyra, Syria, aimed at combining nature conservation and sustainable development
Date	January-July 2008
<i>Location</i>	Florence
<i>Institution</i>	University of Florence and Florence Province
<i>Position</i>	University master thesis tutor
<i>Job Description</i>	Tutored and assisted 1 student, both in the field and in the data analysis, on a research on the ecology and behavior of the Peregrine Falcon (<i>Falco peregrinus</i>). She earned the degree with full marks.
Date:	Nov 2007 - April 2010
<i>Location</i>	Syria, Italy
<i>Institution</i>	<i>International Union for the Conservation of Nature (IUCN)</i>
<i>Position</i>	Fund raiser
<i>Job Description</i>	Successfully formulated and submitted a project proposal to DGCS. The total budget was 700,000 USD and the aim of the project was the conservation of the critically endangered N. Bald Ibis <i>Geronticus eremita</i> in the Syrian breeding and in the Ethiopian wintering quarters; a matching fund of 15,000 USD was leveraged through the Bin Zayed Foundation, United Emirates of Arabia
Date:	Feb - Aug 2010

<i>Location</i>	Saudi Arabia
<i>Institution</i>	<i>National Geographic Society (NGS) and IUCN</i>
<i>Position</i>	National Geographic research grantee –expedition team leader
<i>Job Description</i>	Lead two N. Bald Ibis expeditions in western Saudi Arabia while in-service training two staff from the Saudi Wildlife Authority
Date:	May-Sept 2008
<i>Location</i>	Damascus, Syria
<i>Institution</i>	<i>European Commission in Syria, European Union (EU)</i>
<i>Position</i>	Expert on biodiversity conservation, protected areas and ecotourism
<i>Job Description</i>	Consultancy to the Municipality Administration Modernization (MAM) Project (Med/2004/6264: Europe Aid/119822/Sv) relatively to the Palmyra region. Mapping the biodiversity hotspots in the country and develop a profile for each of them.
Date:	Sept 2007 – Aug 2009
<i>Location</i>	Syria, Ethiopia and Djibouti
<i>Institution</i>	<i>IUCN, DGCS, Italian Ministry of Foreign Affairs, National Geographic Society</i>
<i>Position</i>	Project director
<i>Job Description</i>	Directing implementation of project “Collaborative Management of Natural Resources and Biodiversity in the Palmyra Desert and in the Ethiopian Highlands”, DGCS Trust Fund / IUCN West Asia Ibis Pilot Project 76812-040. Lead N. Bald Ibis expeditions in Ethiopia and Djibouti. Developed the internationally important Ibis Protected Area through preparation of a management plan and multi-use zonation (endorsed by Presidency). Successful negotiations with international oil corporations on mitigation measures aimed at minimizing impact on biodiversity assets
Date:	Apr – Jul 2007
<i>Location</i>	Florence (Italy) - Damascus (Syria)
<i>Institution</i>	<i>IUCN West Asia</i>
<i>Position</i>	Fund raiser

<i>Job Description</i>	Successfully applied for a 160,000 USD project proposal funded by the DGCS aimed at the conservation of the critically endangered N. Bald Ibis in the Syrian breeding and in the Ethiopian wintering quarters. Funds totalling 85,000 USD were leveraged and raised locally in Damascus (Dutch and Finnish embassies) and through the National Geographic Society
Date:	Feb-May 2007
<i>Location</i>	<i>Sabkhat Al Jabbul (Aleppo, Syria)</i>
<i>Institution</i>	<i>Global Environmental Facility (GEF), International Centre for Agricultural Research in Dry Areas (ICARDA) and Swiss Agency for Development and Cooperation (SDC)</i>
<i>Position</i>	Biodiversity conservation expert and adviser
<i>Job Description</i>	Following extensive bird surveys (Serra <i>et al.</i> 2006), assisted the Governorate of Aleppo in developing a conservation multi-stakeholder strategic plan for the Ramsar wetland <i>sabkhat al jabbul</i> , using a full participatory approach
Date:	Feb 2006 - Jul 2007
<i>Location</i>	Palmyra (Syria) and Ethiopian highlands
<i>Institution</i>	<i>National Geographic's Research and Exploration Committee, BirdLife International (BLI), and Royal Society for the Protection of Birds (RSPB)</i>
<i>Position</i>	National Geographic grantee researcher, scientific adviser and field team leader
<i>Job Description</i>	Coordinated and lead the field team engaged in protecting, preparing trapping and satellite tagging three individuals of critically endangered N. Bald Ibis in the Syrian desert; preparation of a feasibility study on the "Ecotourism in the Palmyra Desert, Syria"; prepared and carried out a photo-exhibition in Damascus inaugurated by highest political circles; field surveying of the sat-tagged N. Bald Ibises at their wintering grounds on the Ethiopian central plateau, assessing potential threats in place, habitat reconnaissance; provision of conservation recommendations to Govt.
Date:	Jan – Feb 2007
<i>Location</i>	Palmyra (Syria)
<i>Institution</i>	<i>Birdlife International</i>
<i>Position</i>	Protected Areas and biodiversity expert

<i>Job Description</i>	Ecotourism in the Palmyra desert, Syria. A feasibility study. BirdLife International, 88 pp.
<i>Date:</i>	Jan – Feb 2006
<i>Location</i>	Damascus (Syria)
<i>Institution</i>	<i>Fund for Integrated Rural Development Of Syria (FIRDOS)</i>
<i>Position</i>	Project formulation expert
<i>Job Description</i>	Preparation of a project proposal, and a related feasibility study, aimed at combining biodiversity conservation and rural sustainable development, titled “Improving the living conditions of mobile indigenous people of Syrian arid steppe land through sustainable development and nature conservation”
<i>Date:</i>	Aug - Sept 2005
<i>Location</i>	Florence (Italy)
<i>Institution</i>	<i>European Commission, EU</i>
<i>Position</i>	Assistant project evaluator
<i>Job Description</i>	Evaluation of grant proposals submitted to EU in response to call for proposals title “Co-financing with European development NGOs actions in development countries” (2004)
<i>Date:</i>	Jan 2004 – Oct 2005
<i>Location</i>	Palmyra and Damascus (Syria), Florence (Italy), Cambridge (UK)
<i>Institution</i>	<i>BLI and RSPB</i>
<i>Position</i>	Technical adviser on critically endangered N. Bald Ibis
<i>Job Description</i>	Advised on preparation of a viable protection and conservation program for the critically endangered N. Bald Ibis in Syria; program development, project proposal preparation, advocacy and institutional facilitation; assistance in preparation of international action plan
<i>Date:</i>	Jan – Sept 2004
<i>Location</i>	Fir-Cedar Reserve, Northern <i>Alawite</i> mountain range (Syria)
<i>Institution</i>	<i>Arca Consulting, GEF, World Bank</i>
<i>Position</i>	Biodiversity conservation expert

<i>Job Description</i>	Implementation of project SY-GE-57109. Fauna inventorying, capacity building of reserve rangers and guards in detecting, identifying and monitoring fauna, raising awareness and conservation education of local school children, preparing management plan of the protected area and building its staff cadre.
<i>Date:</i>	Apr 2000 – Jun 2004
<i>Location</i>	<i>Al Talila</i> Nature Reserve, Palmyra (Syria)
<i>Institution</i>	<i>Food and Agriculture Organization (FAO) of the United Nations and DGCS (Italian Ministry of Foreign Affairs)</i>
<i>Position</i>	UN associate professional officer (Wildlife and Protected Area Management)
<i>Job Description</i>	Implementation project GCP/SYR/009/ITA. Biodiversity inventorying, surveying and monitoring; searching rare and threatened wildlife using local traditional knowledge; addressing threats and conservation issues; preparing local red lists, recommendations, action plans and protected area management plans (through a participatory approach); in-service training Govt. staff and locals, provision of guidelines about protected area staff cadre and institutional development, conservation advocacy, involving and benefiting local indigenous communities; planning responsible ecotourism and alternative income; raising public awareness and preparing conservation education material; scientific and technical reporting; staff coordination; assistance in project management
<i>Date:</i>	Apr 1999 – Mar 2000
<i>Location</i>	Marine National Park of the Tuscany Archipelago, Italy
<i>Institution</i>	<i>Italian National Institute for Wildlife Conservation (INFS) and EU</i>
<i>Position</i>	Post-doc conservation researcher (2-year appointment)
<i>Job Description</i>	Implementation of EU project LIFE97NAT/IT/4153 aimed at the monitoring, conservation and management of insular bird species. Intensive experience in designing and implementing bird surveying and monitoring programs, and in GPS/GIS mapping and spatial analysis; upon request of the Environment Ministry, drafted, discussed with stakeholders and produced the “National Action Plan for the Audouin’s Gull (<i>Larus audouinii</i>)”, a threatened species according to the EU
<i>Date:</i>	Sept 1997 – Sept 1998

<i>Location</i>	Hopland Field Research Station of California University (Mendocino Co., CA) and Grey Davis Dye Creek Preserve of the Nature Conservancy (Northern Sierra Nevada mountain range, CA), USA
<i>Institution</i>	<i>University of California at Berkeley and US Fish and Wildlife Service</i>
<i>Position</i>	Post-doc conservation researcher (1-year appointment)
<i>Job Description</i>	Human-predators conflict resolution; surveying and monitoring populations of mid- and large-sized carnivores using non-invasive techniques in the framework of a federal program aimed at managing and controlling predators; intensive experience in camera trapping, mark-resight statistical models, power analysis, GPS navigation and mapping, GIS spatial analysis, live trapping and animal handling, radio-telemetry
<i>Date</i>	May 1994 – Jun 1997
<i>Location</i>	Marine Preserve “Estacion Costera de Investigaciones Marinas” (Pontificia Universidad Catolica de Chile), ceentral Pacific coast, Chile
<i>Institution</i>	<i>University of Florence and EU</i>
<i>Position</i>	Ph.D behavioural ecology researcher
<i>Job Description</i>	Researched the behavioural ecology of two marine invertebrate species of national conservation concern (one of them an endemic species). Exposition to and experience in community-based conservation and management, through supervision of Prof J.C. Castilla

Language Skills: (1 - excellent; 5 - basic)

Language	<i>Reading</i>	<i>Speaking</i>	<i>Writing</i>
English	1	1	1
Spanish	1	2	2
French	3	0	0
Portuguese	3	0	0
Arabic	5	5	5

Italian	Mother tongue
---------	---------------

Experience by Country:

Mongolia	2022
Iraq	2021
Cabo Verde, Latvia	2020
Grenada, Caribbean	2018-2019
Pacific Island Countries & Territories	2012-2019
Ethiopia, Tanzania	2006-11 (non continuos)
Saudi Arabia	2010
Syria	2005-2011 (non continuos)
Syria	2000-2004
Italy	1999-2000
USA (CA)	1997-98
Chile	1994-97

Professional Affiliations:

[The World Conservation Union \(IUCN\)](#) member of the **Species Survival Commission (SSC)**: 2004-present | member of the **Commission on Environmental, Economic and Social Policy (CEESP)**: 2003-present | expert of the **Italian IUCN Committee**: 2004-present

[Society for Conservation Biology \(SCB\)](#) member from 2019

[Intergovernmental Science-Policy Platform for Biodiversity and Ecosystem Services \(IPBES\)](#) member from 2019

AWARDS:

The community-based component of the conservation project I led in Syria (UN-FAO project) earned a special mention as "an example of good practice in conservation" by the Dana Declaration Standing Committee and the World Alliance of Mobile Indigenous Peoples (WAMIP) at the IUCN World Congress in 2004.

Publications, reports and presentations

(downloadable from researchgate.net/profile/Gianluca_Serra2)

Peer-reviewed scientific articles

Serra, G. and D. Chatty. *In prepar.* Community participation and awareness raising in a biodiversity conservation project within the central Syrian desert. *Journal of Environmental Policy and Planning*

Serra, G., Wood, G., Failagi, S.A., Foliga, S.T., Uili, M. Enoka, F. 2020. Using Samoan traditional ecological knowledge to identify calls of the critically endangered endemic tooth-billed pigeon (*Didunculus strigirostris*). *Pacific Conservation Biology*. DOI: <https://doi.org/10.1071/PC20052>

Serra, G., Sherley, G., Failagi, S.A., Foliga, S.T., Uili, M. Enoka, F. and Suaesi, T. 2017. Traditional ecological knowledge on critically endangered and evolutionary distinctive Tooth-billed Pigeon (*Didunculus strigirostris*) endemic of Samoa. *Bird Conservation International*, Vol. 28 (4): 620-642. DOI: <https://doi.org/10.1017/S0959270917000259>

Serra, G., Lindsell, J.A., Peske, L., Fritz, J., Bowden, C.G.R., Bruschini, C., Welch, G., Tavares, J. and Wondafrash, M. 2014. Accounting for very low survival of a Critically Endangered bird on a major migratory flyway. *Oryx* 1-9.

Serra, G., Bruschini, C., Peske, L., Kubsu, A., Wondafrash, M., Lindsell, J. A. 2013. An assessment of ecological conditions and threats at the Ethiopian wintering site of the last known eastern colony of critically endangered Northern Bald Ibis *Geronticus eremita*. *Bird Conservation International* 23(4): 399-413.

Serra G., Bruschini C., Lindsell J., Peske L., Kanani A. 2011. Breeding range of the last eastern colony of critically endangered N. Bald Ibises *Geronticus eremita* in the Syria steppe: a threatened area. *Bird Conservation International* 21(3): 285-295.

Serra G., Peske L., Abdallah M.S., al Qaim G., Kanani A. 2009. Breeding ecology of the last oriental N. Bald Ibises in the Syria desert. *Journal of Ornithology* 150: 769-782.

Lindsell J., **Serra G.**, Abdallah M.S., al Qaim G. and L. Peske. 2009. Satellite Tracking Reveals the Migration Route and Wintering Area of the Middle Eastern Population of Northern Bald Ibis. *Oryx* 43(3): 329-335.

Serra G., Abdallah M. and G. Al Qaim. 2008. Feeding ecology and behaviour of last surviving middle eastern N. Bald Ibises breeding in the Syrian steppe. *Zoology in the Middle East* 43: 55-68.

Larrucea E.S., **Serra G.**, Jaeger M.M., Barrett R.H. 2007. Censusing bobcats using remote cameras. *Western North American Naturalist* 67(4): 538-548.

Serra G., Abdallah M., Abdallah A., Al Qaim G., Fayed T., Assaed A., Williamson D. 2004. Discovery of a relict breeding colony of Northern Bald Ibis *Geronticus eremita* in Syria: still in time to save the eastern population ? *Oryx*, 38 (1): 1-7.

Serra G., Lucentini M., Romano S. 2001. Diet and prey selection of nonbreeding peregrine falcons (*Falco peregrinus brookei*) in a urban habitat of Italy. *Journal of Raptor Research* 35(1): 61-64.

Serra G., Chelazzi G., Castilla J.C. 2001. Temporal and spatial activity of the key-hole limpet *Fissurella crassa* (Mollusca: Gastropoda) in the Eastern Pacific. *Journal of the Marine Biological Association U.K.*, 81(3): 485-490.

Serra G., Chelazzi G., Castilla J.C. 1997. Effects of experience and risk of predation on the foraging behaviour of the South-Eastern Pacific muricid *Concholepas concholepas* (Mollusca: Gastropoda). *Journal of Animal Ecology*, 66(6): 876-883.

Chelazzi G., **Serra G.**, Bucciarelli G. 1997. Zonal recovery after experimental displacement in two sea urchins (*Arbacia lixula* and *Paracentrotus lividus*) co-occurring in the Mediterranean. *Journal of Experimental Marine Biology and Ecology*, 212(1): 1-7.

Conservation reports and publications

Serra G. *In prepar.* Review and history of conservation efforts in Samoa from the 1980s up to today. Lessons learned.

Serra G. 2021. Use of Local/Traditional Ecological Knowledge in the conservation of globally threatened fauna species. Presentation at the Symposium and Roundtable “Traditional Ecological Knowledge” at the 29th International Congress for Conservation Biology, Uganda, December 2021.

<https://youtu.be/HA33MPrTDF8>

UNEP (2020). GEF full size project document “Promotion of Integrated Biodiversity Conservation and Land Degradation Neutrality in Highly Degraded Landscapes of Iraq”. Edited and compiled by **G. Serra**. 156 pp.

Serra G. and P. Diaz (2021). Technical Assistance to Review the Management Model of the National Protected Areas System in Cabo Verde. Report to BIO-TUR GEF UNDP PROJECT #5524 and to the Ministry of Agriculture and Environment. 27 pp.

MNRE and SCS (2020). Recovery Plan for the Manumea or Tooth-billed Pigeon (*Didunculus strigirostris*) 2020- 2029. Edited and compiled by **G. Serra**. Ministry of Natural Resources & Environment, Government of Samoa and Samoa Conservation Society. Apia, Samoa. 50 pp.

Serra G. 2019. Final management plans for MPAs Isle La Rhone Archipelago, Conference Bay and Southern Carriacou Islands. Final report to Ridge-To-Reef UNDP/Fisheries project, Grenada.

Serra G. 2019. Management Plan of Falealupo Conservation Area 2019-2024. Technical report for the “Strengthening Multi-sectoral Management of Critical Landscapes” GEF Project, Apia, Samoa: MNRE and UNDP.

Serra G. 2018. Management Plan of Uafato Conservation Area 2017-2022. Technical report for the “Strengthening Multi-sectoral Management of Critical Landscapes” GEF Project, Apia, Samoa: MNRE and UNDP.

Serra G. 2018. Management Plan of Tiavea Conservation Area 2017-2022. Technical report for the “Strengthening Multi-sectoral Management of Critical Landscapes” GEF Project, Apia, Samoa: MNRE and UNDP.

Serra G. 2017. Review of implementation of Manumea Recovery Plan 2006-2016. 2017. Technical report on behalf of the Ministry of Natural Resources and Environment, Department of Environment and Conservation, Apia, Samoa.

Serra G. 2017. Recommendations drawn from key conservation projects run in Samoa during period 1994-2010. Desktop review run on behalf of the Ministry of Natural Resources and Environment, Department of Environment and Conservation, Apia, Samoa.

Serra G. 2017. The Last Flight of the Ancient Guide of Haj. 2002-2011. Nine years of conservation efforts between Arabia and East Africa. Self published. 71 pp. Downloadable at: thelastflight.org

Serra G., Foliga S.T., Uili M., Enoka F., Failagi S.A., and T. Suaesi. 2016. Biodiversity surveying of four KBAs in Samoa through traditional ecological knowledge: Uafato-Tiavea Coastal Forest, Apia Catchments, Central Savaii Rainforest And Falealupo Peninsula. Technical report, Apia, Samoa: MNRE and UNDP.

Serra G. and F.T Tipama’a. 2016. Invasive Alien Species Management Plan 2016-2020, Aleipata Islands, Samoa. Technical report on behalf of the Ministry of Natural Resources and Environment, Department of Environment and Conservation. 16 pp.

Serra G. and F.T Tipama’a. 2016. Invasive alien species survey of the Aleipata islands, Samoa, September-December 2015. Technical report on behalf of the Ministry of Natural Resources and Environment, Department of Environment and Conservation. 39 pp.

Serra G. and F.T Tipama’a. 2015. Review of invasive alien species management in the Aleipata islands, Samoa. GEF-PAS Invasive Alien Species project/Samoa. Technical report on behalf of the Ministry of Natural Resources and Environment, Department of Environment and Conservation. 25 pp.

Young S. and **G. Serra.** 2015 Myna Survey. Report to inform the Samoan Myna Management Plan. Technical report on behalf of the Ministry of Natural Resources and Environment, Department of Environment and Conservation. 32 pp.

Bowden, C.G.R., Hamoud, A., Jbour, S., Fritz, J., Peske, L., Riedler, B. [...] **Serra G.** 2011. Attempted supplementation of the relict wild eastern population of northern bald ibis in Syria with Turkish semi-wild juveniles. In Global Re-introduction Perspectives: Re-introduc-

tion Case-Studies from Around the Globe (ed. P.S. Soorae), pp. 130–134. IUCN/SSC Re-introduction Specialist Group, Abu Dhabi, UAE.

Serra G. 2011. Bird checklist: *Udzungwas* National Park (Tanzania) 10 - 17 April 2011. Trento Museum of Natural Sciences expedition, 10 - 17 April 2011. 3 pp.

Serra G. 2010. Ibis expedition in Saudi Arabia, March 2010. Report, National Geographic Committee for Research and Exploration, 34 pp.

Serra G. 2010. Surveying Northern Bald Ibis Migratory Route Along Western Saudi Arabia, in March and August 2010. Research Report, National Geographic Society, Committee for Research and Exploration, Grant # 8479-08. 44pp.

Serra G., Nahaz M.M., Idan M., Peske L., Savioli A., Bruschini C., Alomari K. 2009. Assessment and characterization of the Ibis Protected Area in the Palmyra Desert - a proposed 5-year management and development framework. IUCN publication, 156 pp.

Serra G., Mirreh M., Kaddour H., Razzouk T., Al Jundi A., Kanani A., Batello C., Williamson D. 2009. Assessment and characterization of Al Talila Reserve and surrounding Palmyrean desert. IUCN/DGCS Project report. IUCN publication, 134 pp.

Serra G. and Wondafrash M. 2009. Eco-ethological and conservation survey of N. Bald Ibis wintering in the Northern Shawa (Ethiopia) during 2008-09. IUCN West Asia/DGCS Trust Fund Pilot Project, 22 pp.

Serra G. 2009. Jebel Kohla and wadi al Basira under threat. 2009. Report 3 pp, landscape heritage awareness campaign.

Serra G. 2008. Preliminary report on natural heritage sites in western Syria. Municipality Administration Modernization (MAM) project MED/2004/6264. EUROPE AID/119822/SV/SY. 22 pp

Serra G. 2008. Preliminary report on natural heritage sites in eastern Syria. Municipality Administration Modernization (MAM) project MED/2004/6264. EUROPE AID/119822/SV/SY. 25 pp.

Serra G. 2008. Ecotourism and nature tourism in Palmyra. In: Palmyra Region Strategic Action Plan: a Strategy for Sustainable Development. Municipality Administration Modernization (MAM) project MED/2004/6264: EUROPE AID/119822/SV/SY. 49 pp.

Serra G., Abdallah M. S. and G. Al Qaim. 2007. Occurrence of Rüppell's Fox, *Vulpes rueppelli* and Sand Cat, *Felis margarita*, in Syria. *Zoology in the Middle East*, 42: 99-101.

Benyamini, D., Bruschini, C., **Serra, G.**, E. John. 2007. First confirmed records of *Papilio demoleus* (Linnaeus 1758) in Syria, with comments on the species' appearance in Turkey and the Dominican Republic. *News of the Is. Lepidopterists Society*, 24(2): 4-10.

Celine Dutilly-Diane, Nancy McCarthy, Francis Turkelboom, Adriana Bruggeman, James Tiedemann, Kenneth Street, and **Gianluca Serra**. 2007. Could Payments for Environmental Services Improve Rangeland Management in Central Asia, West Asia and North Africa?. *CAPRI working paper* 62. Washington, DC: IFPRI.

Serra G., Peske L., Wondafrash M. 2007. Preliminary survey of Middle Eastern N. Bald Ibises at their recently discovered wintering grounds in Ethiopian highlands. BirdLife International / Royal Society for the Protection of Birds (RSPB), *internal report*.

Serra G. 2007. Searching the wintering grounds of the recently discovered Syrian relict colony of critically endangered Northern Bald Ibis *Geronticus eremita*. Research Report, National Geographic Society, Committee for Research and Exploration, Grant #7993-06. 11 pp.

Serra G. 2007. Ecotourism in the Palmyra desert, Syria. A feasibility study. BirdLife International, 88 pp.

Serra G. and L. Peske. 2006. N. Bald Ibis conservation efforts in Syria 2002-2006: results and lessons learned. In N. Bald Ibis conservation and reintroduction workshop. Eds. C. Boehm, Bowden CGR, Jordan M. and C. King. Second meeting of the International Advisory Group on N. Bald Ibis (IAGNBI), Vejer (Spain) 2007.

Serra G. and L. Peske. 2006. Coordinating protection efforts of breeding N. Bald Ibises *Geronticus eremita* in Palmyra (Syria) and trapping / satellite tagging 3 individuals. BirdLife International / Royal Society for the Protection of Birds (RSPB), *internal report*.

Serra G., Murdoch D., Turkelboom F., Travert F., Mujawer Y., Scott D. 2006. *Sabkhat al-jabbul*, a Threatened Ramsar Wetland in Syria. *Sandgrouse* 28 (2): 127-141.

Murdoch D.A. and **G. Serra**. 2006. The status of Sociable Plover *Vanellus gregarius* in Syria. *Sandgrouse*, 28(1): 57-61.

Serra G. 2006. Improving the living conditions of mobile indigenous people of Syrian arid steppe land through sustainable development and nature conservation. Project proposal and feasibility analysis commissioned by Fund for Integrated Rural Development Of Syria (FIRDOS), 27 + 23 pp.

Sindaco R., **Serra G.**, Menegon M., 2006. New data on the Syrian herpetofauna, with a newly-recorded species of snake (Amphibia, Reptilia). *Zoology in the Middle East*, 37: 29-38.

Serra G., M. Abdallah and G. al Qaim. 2006. First breeding record of Trumpeter Finch *Bucanetes githagineus* in Syria. *Sandgrouse* 28 (2): 173.

Murdoch D.A., Tyler G., **Serra G.**, Bowden C. and M. Abdallah. 2005. A record of Dunn's Lark *Eremalauda durni* from Syria. *Sandgrouse* 27 (1): 78.

Serra G. 2005. Dunn's Lark *Eremalauda durni*– a first record for Syria. *Sandgrouse* 27 (1): 77.

Serra G., Al Qaim G., Abdallah M., Kanani A., Assaed A.K. 2005. A long-term bird survey of central Syrian desert (2000-2003) – Part 2. *Sandgrouse*, 27(2): 104-125.

Serra G., Abdallah M., Assaed A., Al Qaim G., Abdallah A. 2005. A long-term bird survey of central Syrian desert (2000-2003) – Part 1. *Sandgrouse*, 27(1): 9-23.

Murdoch D.A., Vos R., Abdallah A., Abdallah M., Andrews I., Al Assad A., Van Beusekom R., Hofland R., Roth T., Saveyn B., **Serra G.**, Wells C. 2005. A winter survey of Syrian Wetlands. *Final Report* of the Syrian Wetland Expedition January-February 2004. Ornithological Society of the Middle East (OSME), BirdLife International, Wetlands International. 55 pp.

Boehm C., Bowden C., El Bekkay M., Evans S., Hatypoglu T., Jiménez A.M., Jordan M., Kotschal K., Lenten B., López V., José M., Madroño A., Nagy S., Pegoraro K., Quevedo M., Rivera E., **Serra G.**, Tavares J. 2005. International Northern Bald Ibis *Geronticus eremita* Action Plan. UNEP-AEWA, BirdLife International. 89 pp.

Serra G., Batello C., Williamson D. 2003. From Indifference to Awareness. *FAO publication* (available at FAO Hqs, Rome, Italy). 47 pp.

http://www.fao.org/documents/show_cdr.asp?url_file=/DOCREP/006/Y5097E/y5097e00.htm

Serra G. and D. Williamson 2003. Management Plan of *al talila* Reserve 2004-2006. *FAO report* project GCP/SYR/009/ITA (available at FAO Representation in Damascus, Syria).

Serra G. 2003. Assessment of the Natural and Cultural Heritage of *al talila* Reserve. *FAO report* project GCP/SYR/009/ITA (available at FAO Representation in Damascus, Syria).

Bowden C.G.R., **Serra G.**, Budieri A., Al Jbour S. 2002. Report on a visit by BLI in response to the recent discovery of breeding Northern Bald Ibis *Geronticus eremita* in the Palmyra region of Syria. Royal Society for the Protection of Birds (RSPB), *internal report*.

Serra G. 2002. Advocating protection and future sustainable development of seasonal salt-lake *sabkhat al moh* (IBA site, BirdLife International 1994). *FAO report* project GCP/SYR/009/ITA prepared for the Syrian Ministry of Agriculture (available at FAO Representation in Damascus, Syria).

Serra G. 2002. Proposal for an action plan to protect wildlife of Palmyrean desertic steppe. *FAO report* project GCP/SYR/009/ITA prepared upon request of Syrian Ministry of Environment (available at FAO Representation in Damascus Syria).

Serra G., Melega L., Baccetti N. 2001. Piano di Azione Nazionale per il Gabbiano corso (*Larus audouinii*). *Quaderni di Conservazione della Natura*, Ministero dell'Ambiente e Istituto Nazionale Fauna Selvatica (INFS) "Alessandro Ghigi", pp. 29. [*transl.* = National Action Plan for the Audouin's Gull (*Larus audouinii*) published by INFS (Italian National Institute for Wildlife Conservation) upon request of the Italian Ministry of Environment].

Presentations

International Congress for Conservation Biology, Uganda, December 2021. Organized a symposium and round table on the use of traditional ecological knowledge in conservation of endangered species, together with Prof Andrew Gosler from Oxford University.

<https://youtu.be/Y1sAJYbp-n0>

<https://youtu.be/HA33MPrTDF8>

Popular science, awareness and education

English

- Dukhan H. and **G. Serra**. 2021. COP26: Syria is a warning of climate disaster that region cannot ignore. Middle East Eye.
<https://www.middleeasteye.net/opinion/cop26-syria-climate-change-lesson-cannot-ignore>
- Serra G.** 2019. Why you should care about the current wave of mass extinctions (commentary). *Mongabay.com*
<https://news.mongabay.com/2019/11/why-you-should-care-about-the-current-wave-of-mass-extinctions-commentary/>
- Serra G.** 2018. Sharks and spear fishing in Samoa.
<https://www.samoaoobserver.ws/category/letters/29327>
- Serra G.** 2016. It wasn't the war that killed the ibis. *New Scientist*, 3064.
<https://www.newscientist.com/letter/mg22930643-100-10-it-wasnt-the-war-that-killed-the-ibis/>
- Serra G.** 2015. Over-grazing and desertification in the Syrian steppe are the root causes of war. *The Ecologist*.
http://www.theecologist.org/News/news_analysis/2871076/overgrazing_and_desertification_in_the_syrian_steppe_are_the_root_causes_of_war.html
- Serra G.** 2015. The Northern Bald Ibis is extinct from the Middle East – but we can't blame it on IS. *The Ecologist*.
http://www.theecologist.org/News/news_analysis/2887380/the_northern_bald_ibis_is_extinct_in_the_middle_east_but_we_cant_blame_it_on_is.html
- Serra G.** 2015. Dear Carl, it's time to rethink Homo 'sapiens'. *The Ecologist*.
http://www.theecologist.org/blogs_and_comments/Blogs/2686104/dear_carl_its_time_to_rethink_homo_sapiens.html
- Serra G.** 2012. "Mysteries surrounding the legendary and vanishing oriental bald ibis." *Mongabay.com*
<http://news.mongabay.com/2012/1031-serra-oriental-bald-ibis.html>
- Serra G.** 2012 "Surviving a rip current in Lalomano, Samoa". USA's National Oceanographic and Atmospheric Administration (NOAA) website.
http://www.ripcurrents.noaa.gov/real_life-intl.shtml
- Serra G.** 2005. Time running out for Syrian ibises. *BirdLife's WorldBirdwatch*.27(4): 9.
www.gianlucaserra.com/ibis%20worldbirdwatch2.pdf
- Serra G.** 2003. Discovery of Northern Bald Ibises in Syria. *BirdLife's World Birdwatch*, 25(1): 10-13.
http://www.danadeclaration.org/pdf/ibis_worldbirdwatch.pdf

Italian

- Serra G.** 2021. Manumea: il fantasma delle foreste di Samoa. *Quaderni Birdwatching*, EBN Italia, Febbraio 2021. 51-56 pp.

- Serra G.** 2021. La pandemia Covid dal punto di vista ecologico-ecologista. Ecolobby web-site. <https://www.ecolobby.it/ecologia-pandemia-covid-19/>
- Serra G.** 2020. I pasti dei ricchi che continuano ad includere animali selvatici nei menù. <https://extinctionrebellion.it/xr-magazine/2020/05/16/i-pasti-dei-ricchi-che-continuano-ad-includere-animali-selvatici-nei-menù/>
- Serra G.** 2020. La sesta ondata di estinzioni di massa: perché dovrebbe importarcene qualcosa? Extinction Rebellion Magazine: <https://extinctionrebellion.it/xr-magazine/2020/05/06/la-sesta-ondata-di-estinzioni-di-massa-perché-dovrebbe-importarcene-qualcosa/>
- Serra G.** 2019. La sesta ondata di estinzioni di massa: perché dovrebbe importarcene qualcosa. La Stampa
<https://www.lastampa.it/tuttogreen/2019/10/11/news/la-sesta-ondata-di-estinzioni-di-massa-perche-dovrebbe-importarcene-qualcosa-1.37679030?fbclid=IwAR0Q7P6yT-Kda4DxJygC3AsHnzbf2Ke5r03pG2XGg32rxv4q2lx3c1E-fgk>
- Serra G.** 2019. Lo squalo e gli uomini: riflessioni di un naturalista squalofilo nel trentennale del “caso Baratti”. greenreport.it
www.greenreport.it/news/aree-protette-e-biodiversita/lo-squalo-e-gli-uomini-riflessioni-di-un-naturalista-squalofilo-nel-trentennale-del-caso-baratti-video/
- Serra G.** 2018. La bufala della “scoperta” dell’Ibis eremita in Italia.
<https://greenreport.it/news/aree-protette-e-biodiversita/la-bufala-della-scoperta-delli-bis-eremita-in-italia/>
- Serra G.** 2016. “Salam è tornata. Parabola ecologica nella Siria pre-conflitto”. Exorma, Rome, Italy. 199 pp. <http://www.exormaedizioni.com/catalogo/salam-e-tornata/>
- Serra G.** 2012. Le isole del Pacifico, lo Sprep, l'adattamento al cambiamento climatico e le specie invasive. *Greenreport.it*
http://www.greenreport.it/_new/index.php?page=default&id=17827
- Serra G.** 2012. Sopravvivere al paradiso. Le correnti maledette dei mari del sud.
<https://www.blogger.com/blogger.g?blogID=4203673833107757010#editor/target=post;postID=1026662601562958453;onPublishedMenu=posts;onClosedMenu=posts;postNum=1;src=postname>
- Serra G.** 2011. Richiami vivi, lettera aperta per Enrico Rossi sulle sevizie animali concesse in deroga. *Altracitta.org*
<http://altracitta.org/2011/12/07/richiami-vivi-lettera-aperta-per-enrico-rossi-sulle-sevizie-animali-concesse-in-deroga/>
- Serra G.** 2011. Inquinamento dell’aria a Firenze: il punto della situazione. *Greenreport.it*
<http://www.stamptoscana.it/articolo/leader/inquinamentofirenze>
- Serra G.** 2010. Ibis eremita orientale, estinzione imminente. *Greenreport.it*
http://www.greenreport.it/_archivio/index.php?page=default&id=6887

Serra G. 2010. Uno spiraglio di natura selvaggia. *Greenreport.it*
http://www.greenreport.it/_archivio/index.php?lang=it&page=default&id=6506

Serra G. 2007. Nido con vista 2007. *Provincia di Firenze, home page.*
<http://www.provincia.fi.it/territorio/tutela-delle-specie-protette/falco-pellegrino/>

Serra G. 2007. Identikit del Falco pellegrino *Falco peregrinus*. Provincia di Firenze, 29 pp.